

BELONG STUDIOS

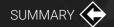
GAME DESIGN DOCUMENT SIKARIA: A SILENT HUNT

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OVERVIEW





INCARNATE A GOD WHO POSSESSES PEOPLE TO ASSASSINATE A TARGET IN COMPETITION WITH OTHER PLAYERS

- ◆ Genre: Infiltration
- ◆ Game mode: 4 players Online versus
- ◆ Target: 19 years old mid-core socializer players
- ◆ Localisation: English & French
- Playtime: 5-7 min per game







UNIVERSE



The game takes place in a mystical earth-like world controlled by divinities.

They are separated into 3 categories:

- ♦ Supreme gods: highest level of gods, they rule this world and other gods.
- ♦ Superior gods: mid level gods, they control regions of this world and minor gods.
- Minor gods: lowest level of gods, they control a few cities of this world.

Gods from lower levels can access higher levels by gaining and showing their power in tests called Sikaria.



Image captured in game

STORY



Raina, a superior god, has taken control of a kumari in the Pulchowk's market. It plans to release its sister, Bhadra, in order to spread death and destruction in this region.

Shamu, a supreme god, sends 4 minor gods to remove Raina from the kumari's body by shedding its blood. Their powers are limited and the town guards have a way to detect them, they must use stealth and trickery to complete their task.

They must eliminate Raina before it finds the artefact. Otherwise, it can achieve its goal and this part of the world is doomed.



Image captured in game



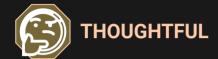
Never let the player be passive



Friendly competition without stake



All informations given to players





- Try to discover who is an Al or not
- Use abilities with caution





- Know that there is a player nearby
- ♦ Being chase by the patrol

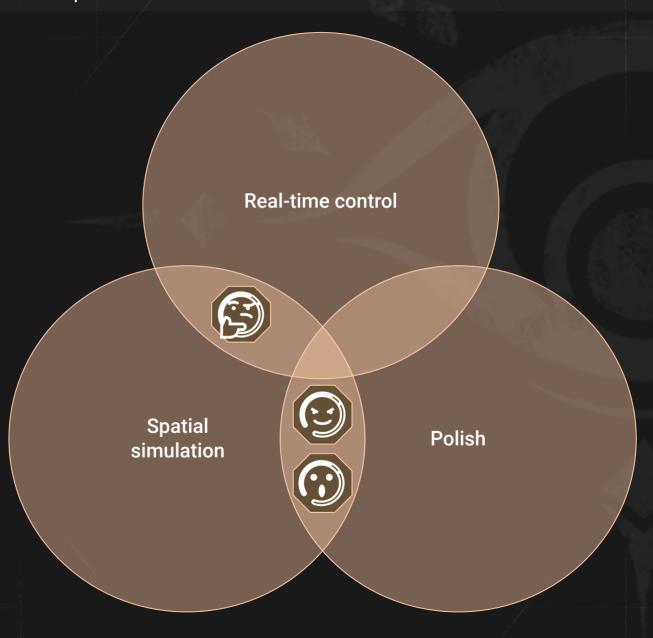




- Change the avatar you incarnate
- Make another player detected by the Als

GAME FEEL | Building blocks





Link to Big Picture

CONCEPT | 009



EXAGGERATION



- Screen shake
- Giant environment
- God effect

ANTICIPATION



- ♦ Scan target
- Patrol killing animation

SECONDARY ACTION



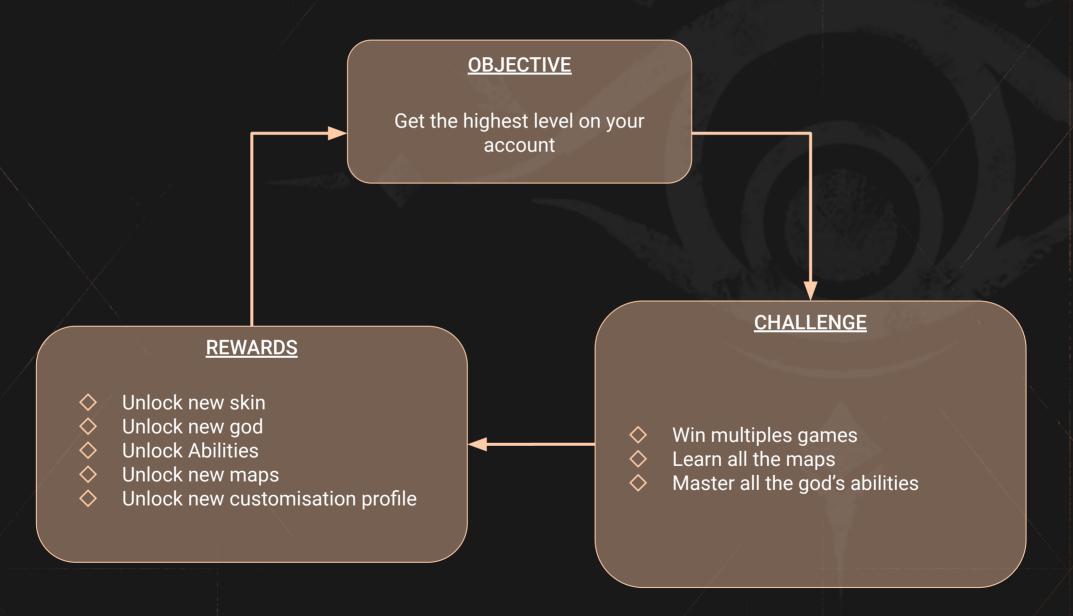
- Second layer physic (cloth)
- Environment physics (grass, dust, snow)



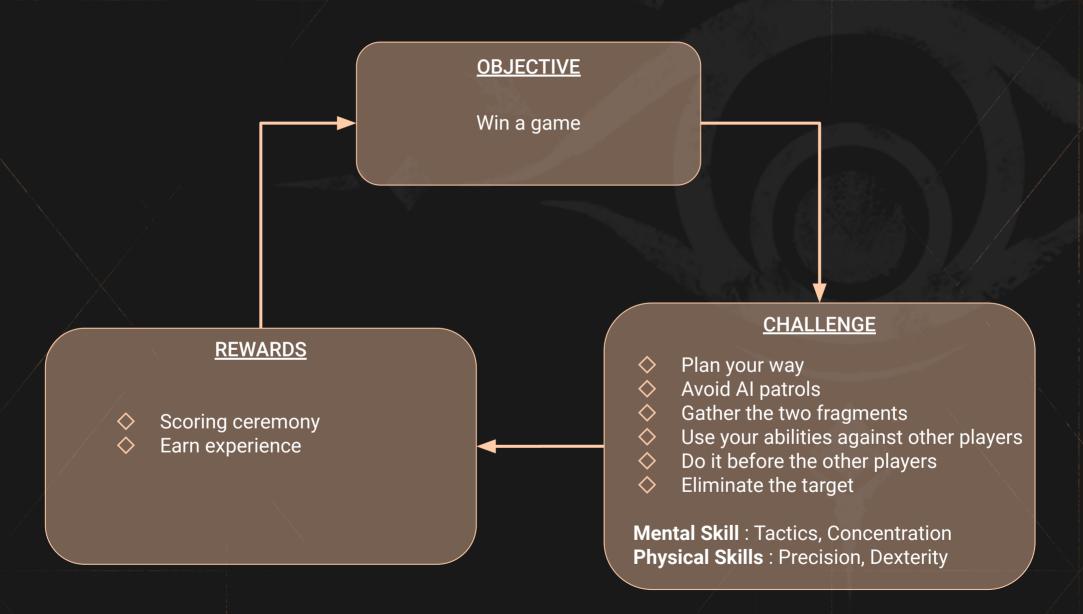


• GAME LOOPS •

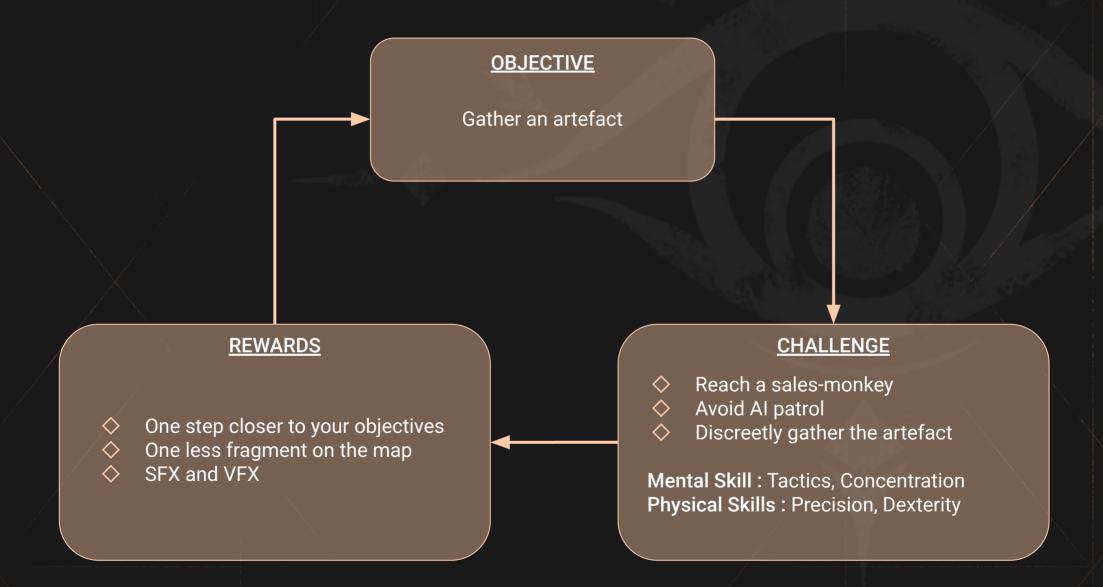


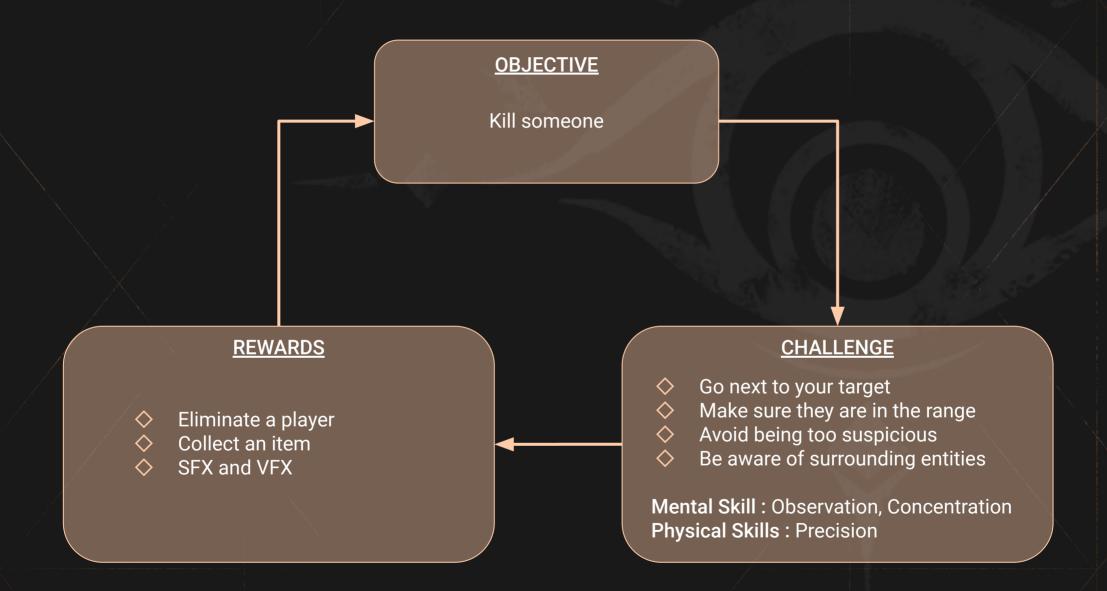










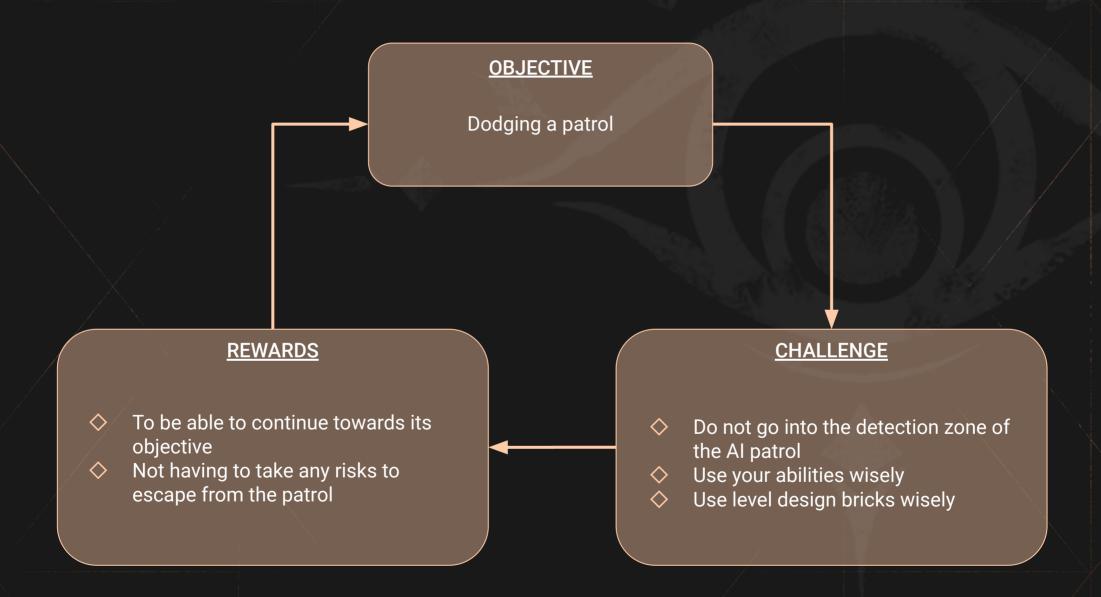




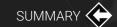
MOTIVATION LOOPS

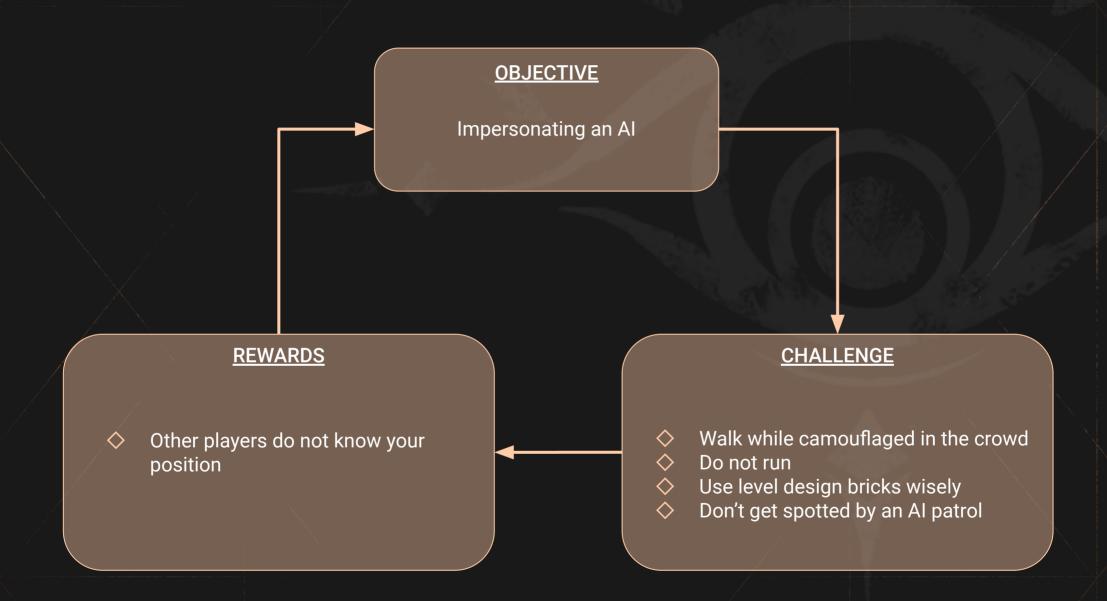
MOTIVATION LOOP | Dodging a patrol





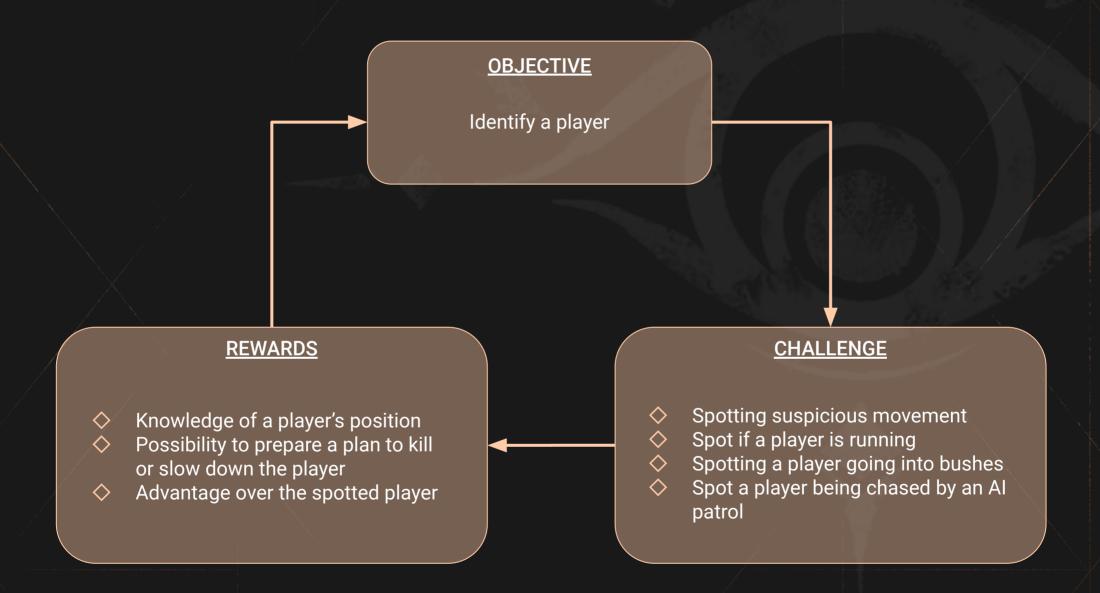
MOTIVATION LOOP | Impersonating an Al



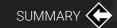


MOTIVATION LOOP | Identify a player



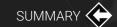


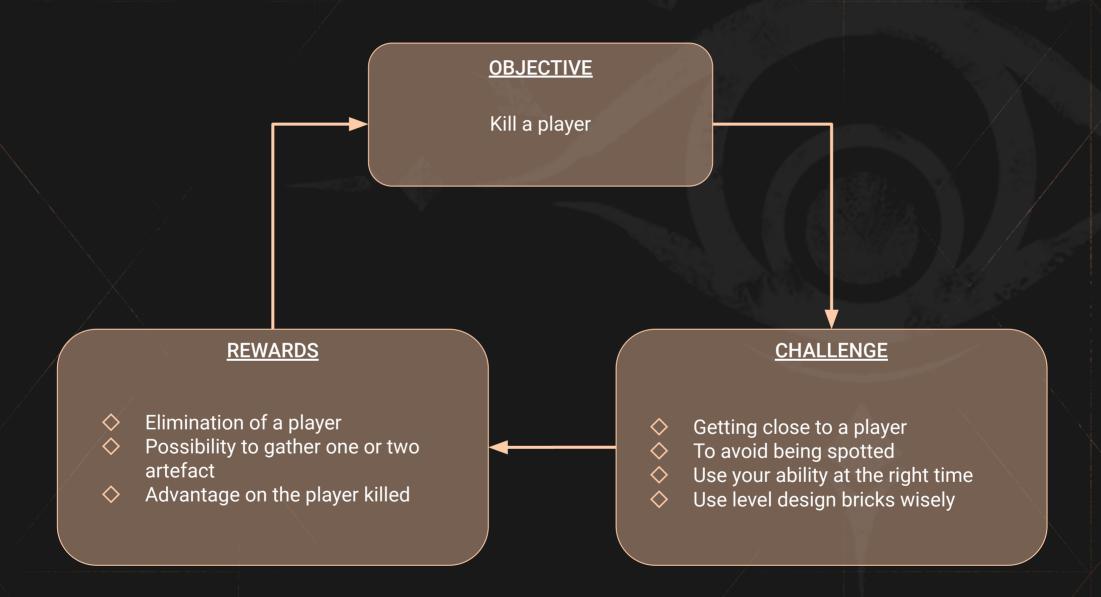
MOTIVATION LOOP | Defeat a player's plan





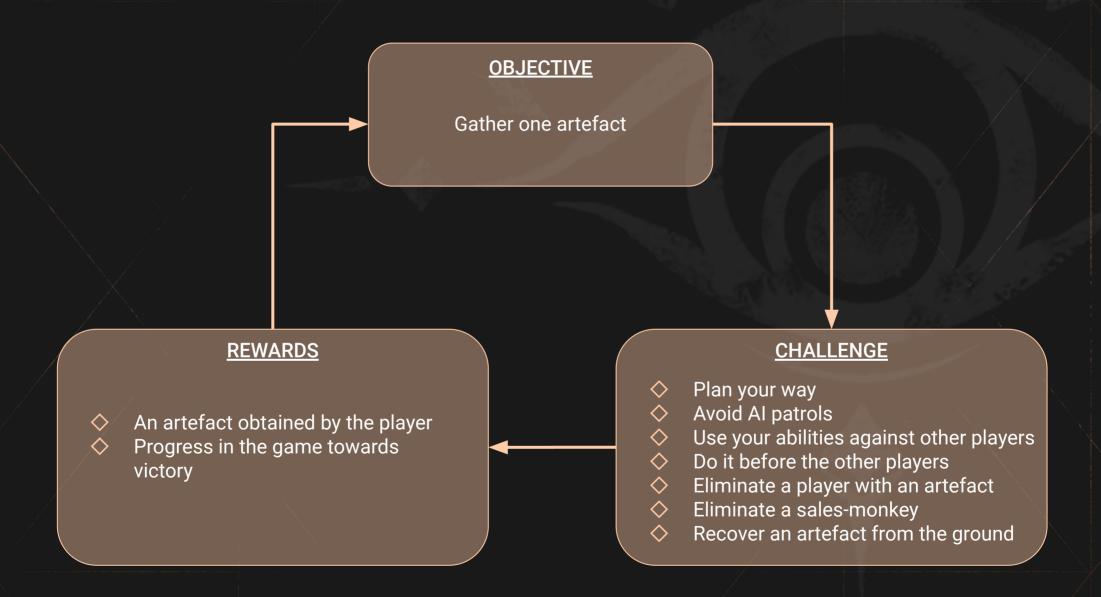
MOTIVATION LOOP Kill another player





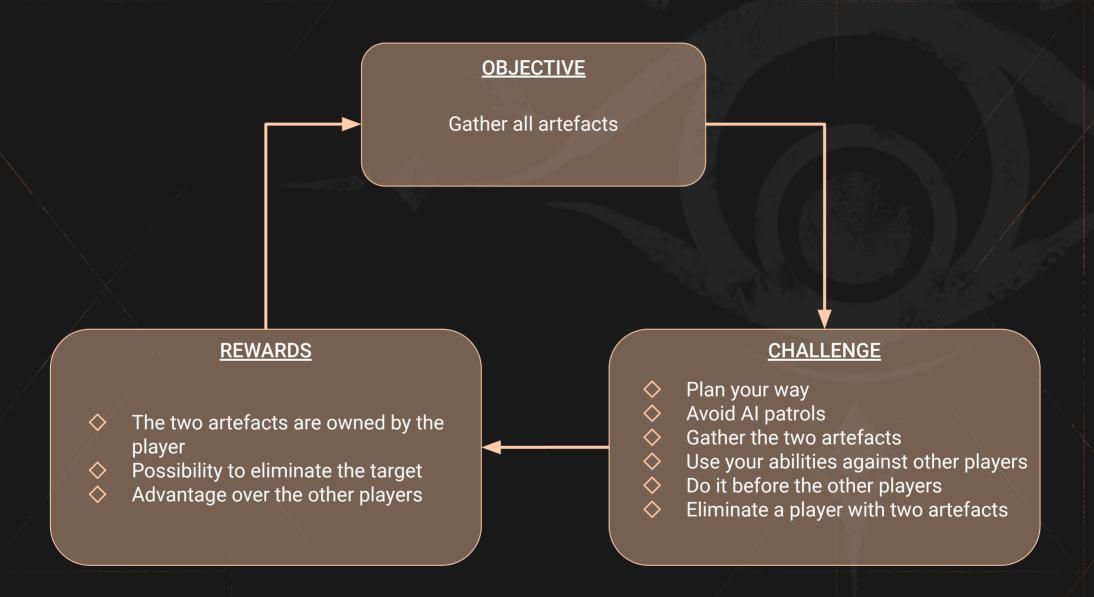
MOTIVATION LOOP | Gather one artefact





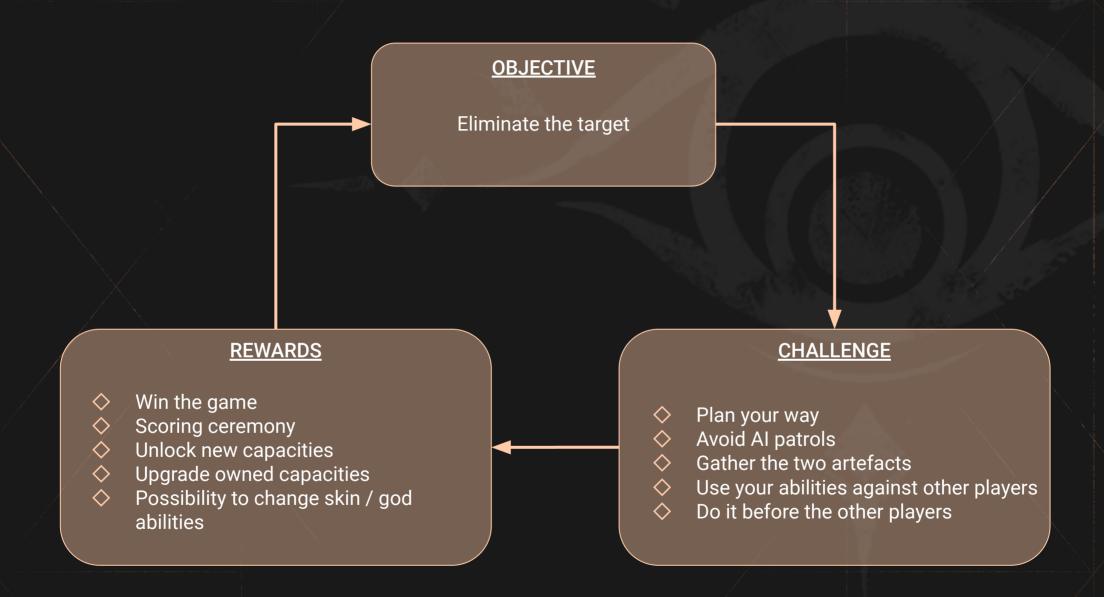
MOTIVATION LOOP | Gather all artefacts

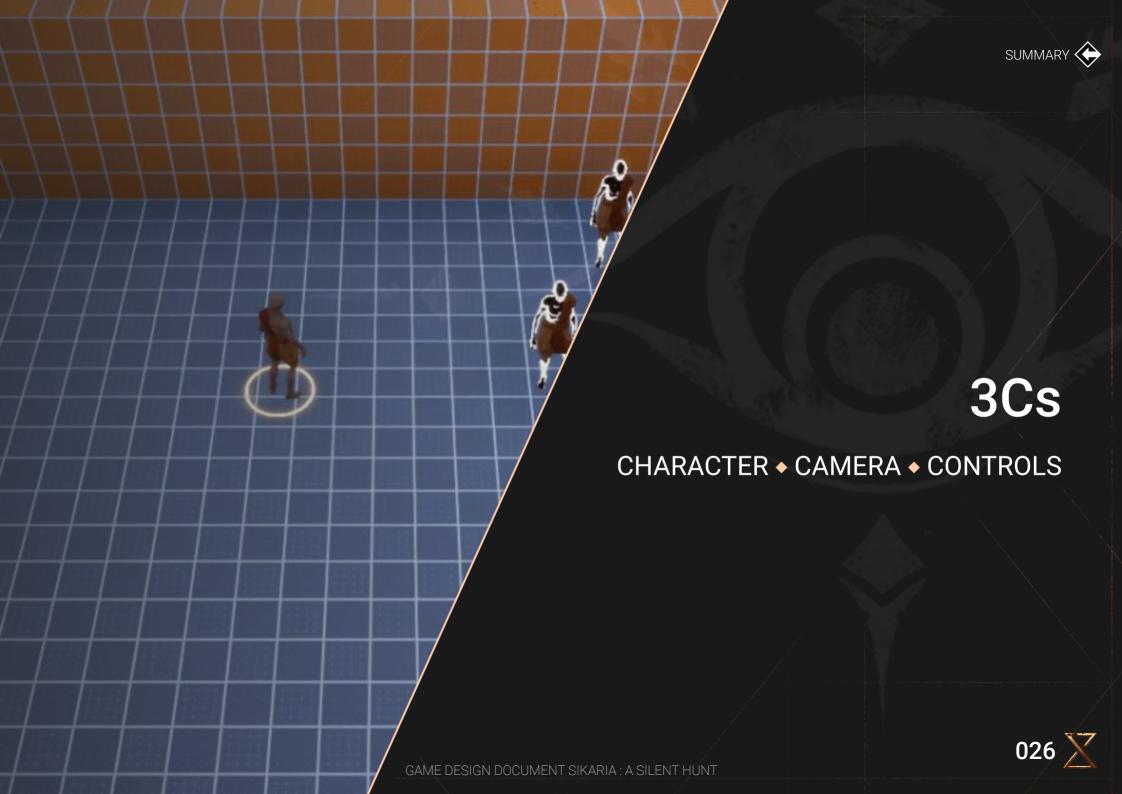




MOTIVATION LOOP | Win a game









CHARACTER

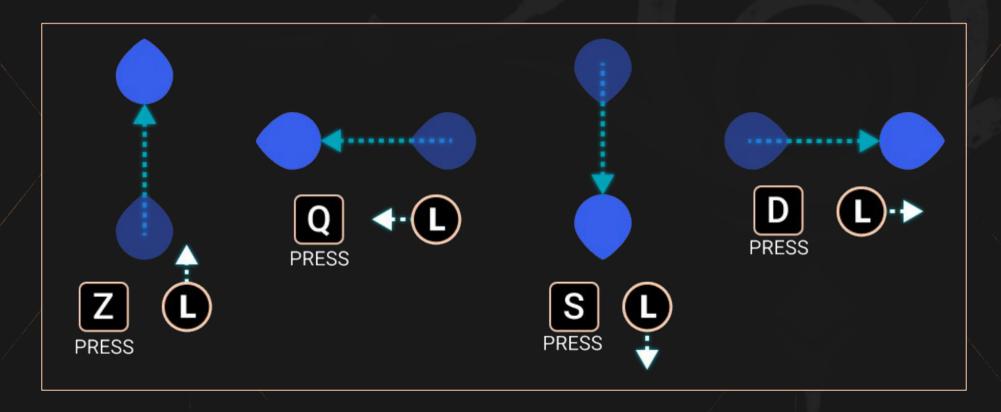
Each player will be able to own one to several different Neutral Als during a game. All Als owned by a player will have access to a range of actions:



- Movement
- ♦ Kill
- Chameleon
- ♦ Death
- Interaction enviro.
- Target item

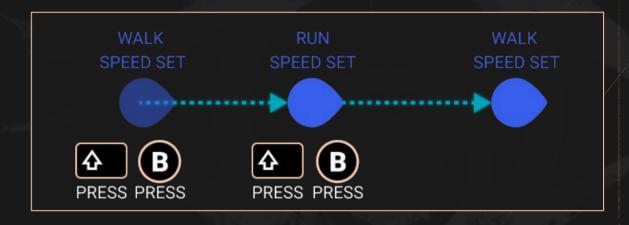


To move their avatar player use direct input. Either with ZQSD on keyboard or with the Left Stick on gamepad.

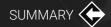


The avatar can either walk or run when pressing the Left Shift key on keyboard or Left Stick/B button on gamepad.

The default input is a toggle to switch, but players can change it to hold to run is options.





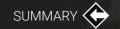


When players gather one or two artefact, their walk and run speed change.

This helps other players to come back during the game and can successfully chase a player with artefacts.

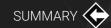
When they no longer hold artefacts, their walk and run speed go back to the default value.

CHARACTER | Movement system | Parameters



- PLAYER WALK SPEED
 Define the player walking speed.
- PLAYER RUN SPEED
 Define the player running speed.
- PLAYER WALK SPEED WITH ITEM
 Define the player walking speed while holding one or two items.
- PLAYER RUN SPEED WITH ITEM
 Define the player running speed while holding one or two items.
- ♦ INPUT KEY TO RUN
 The input key to switch from walk to run or run to walk.
- ♦ TOGGLE OR HOLD TO RUN

 Define if switch to walk/run is a toggle or a hold input.



DESCRIPTION:

When players, more precisely their avatars die, they are disintegrated and the player's God will take possession of another avatar (neutral AI) on the map in the respawn zones. Once done, the player is back in the game and continues playing.



PATROL AI:

If players are spotted by a patrol Al, and it hits them in close combat (defined area), they die.



TARGET AI:

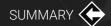
If the player is spotted by the target Al (defined distance), he dies instantly, without the need for hand-to-hand combat.



PLAYERS CAN BE KILLED BY ANOTHER PLAYER:

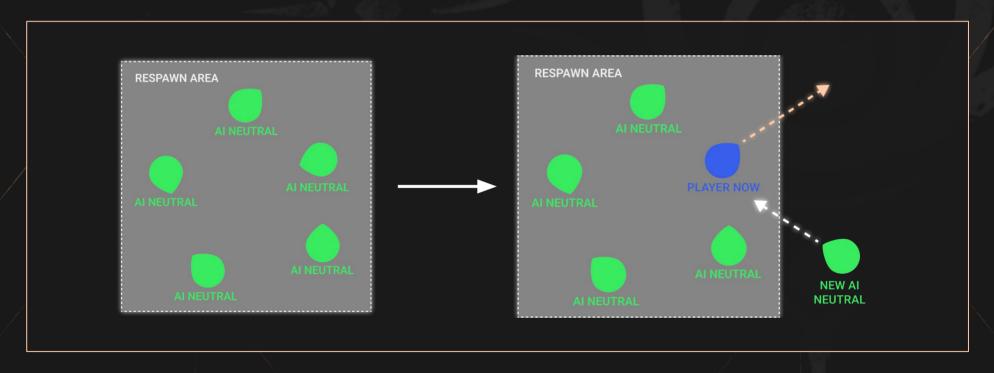
If player "A" gets close to another player "B" and decides to use his elimination skill, Player "B" dies.





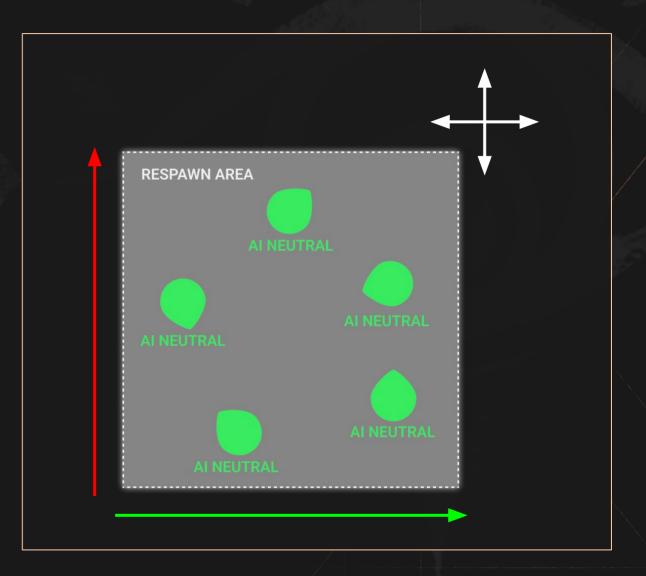
DESCRIPTION:

The respawn zones are hitboxes that can be positioned on the map. The system chooses an AI from the range of the zone. The zones always contain at least 5 AI (in case all players respawn in them). When an AI is owned, a new one takes its place.



PARAMETERS:

- ♦ Position on the map
- ♦ Width
- ♦ Length
- Minimum number of Als in the area



MOMENT OF DEATH:

Avatar disintegration shader + celestial explosion with shockwave.

The explosion is more powerful if it is the target Al that kills the player.

AVATAR TRANSITION:

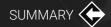
The camera moves to the respawn area, centers an AI, vignette effect + slight shake screen (give the feeling that the God is focusing on an avatar to possess it) + Black and white post process. Voice line of the God during the transition.

POSSESSION:

FX of celestial possession, the avatar is possessed, the aura is activated.







Players can eliminate other players or any type of Al on the map, except merchants, in close combat.

The kill preview system always highlight the AI with the highest "targeting score", if no AIs are in range, there is no highlight. Players will kill the highlighted AI once they press the input key.

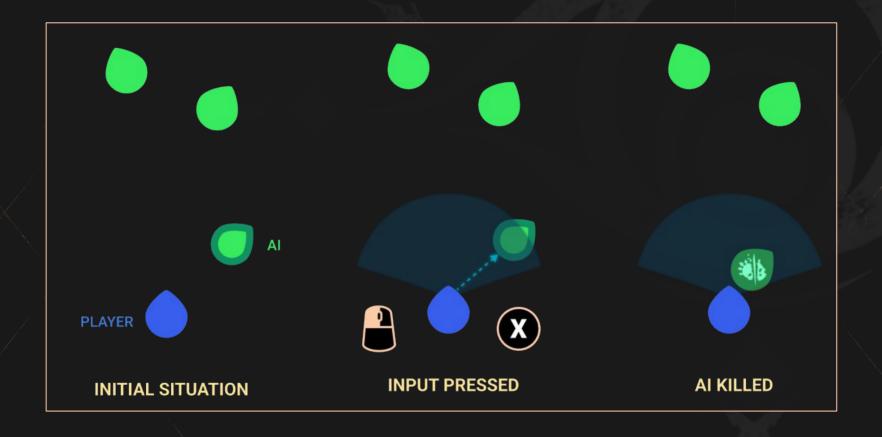
On input pressed, the targeted AI is stopped. Players quickly get closer to the targeted AI and the animation is played. No action can be performed during this time.

Players take back control of their character at the end of the animation.

When players are killed, they will respawn in another body.

The kill ability has a cooldown.







The preview system always highlight the AI with the highest "targeting score", if no AIs are in range, there is no highlight.

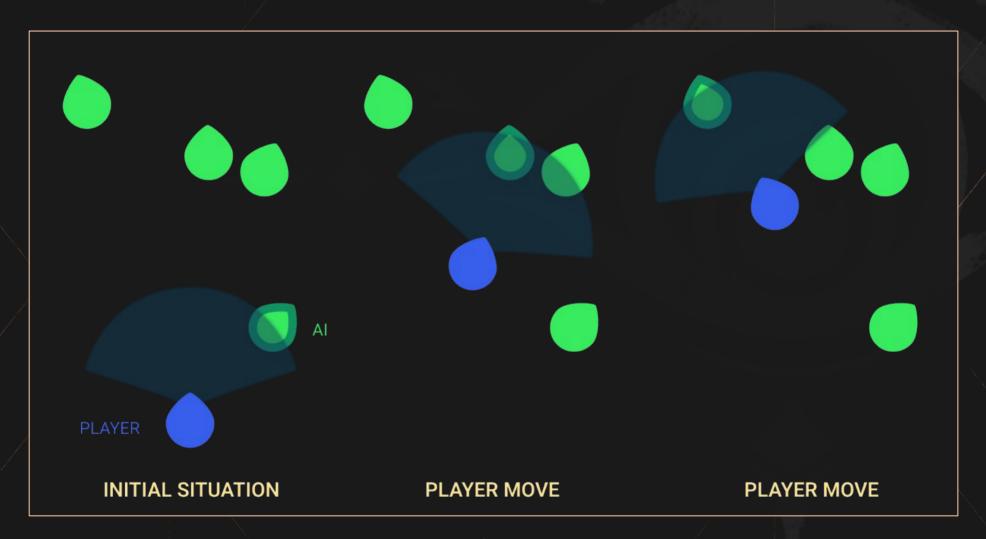
During cooldown, the highlight is visible but in red.

The system check different parameters to choose the AI to be highlight and goes from one parameter to another, only if there are multiple AI possible to be highlighted.

- 1. Distance priority:
 - The closest AI is always chosen.
- 2. Angle priority:
 - ♦ If two Als are at the same distance of the player, the more in front of the player is chosen.
- 3. Priority of Al type:
 - If multiple Al are at the same distance in front of the player, the system use a priority system:
 - ♦ Target AI > Neutral AI







The preview system switch from AI to AI as players move

KILL DETECTION AREA

- ♦ Angle
- Distance
- Highlight colors

KILL

- ♦ Duration of the kill
- ♦ Cooldown of the ability
- Player speed to reach target

INPUT

Keyboard or gamepad key

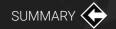


SOUND DESIGN

- ♦ Kill ability
- Cooldown finished
- ♦ Ability can't be used
- Voiceline

SIGNS & FEEDBACKS

- Highlight that indicate which NPC the player is gonna killed
- Kill Animation
- ♦ UI Button:
 - Can be used
 - ♦ Used
 - Can't be used
 - Cooldown



This ability allows players to change the character they are controlling on the map.

There are two possible inputs:

- Press right mouse button, it randomly choose an NPC in the direction of the camera.
- Hold right mouse button, players can choose the NPC in the direction of the camera.

The neutral AI chosen by the game or players become the new avatar controlled by the player.

During the travel to the new avatar, the camera follow the transition FX.

When the player switches bodies, the AI they were previously controlling go back to the AI behavior.

The ability has a cooldown before it can be used again.

KILL

If the player use the ability and is eliminated during their vulnerability window, then the ability is interrupted and they die.





CHAMELEON DETECTION

- ♦ Detection Box
- ♦ Ideal point
- ♦ Ideal point coefficient
- Alignement coefficient

CHAMELEON

- Duration of the change body
- ♦ Cooldown of the ability
- Vulnerability window :
 - Time during which players can be interrupt on input pressed

INPUT

Keyboard or gamepad key



CHARACTER | Chameleon | Signs & Feedbacks



SOUND DESIGN

- Ability launched
- ♦ Player's soul travel to the new NPC
- Players takes control of the new NPC.
- Cooldown finished
- ♦ Ability can't be used

SIGNS & FEEDBACKS

- Highlight that indicate which NPC the player is gonna take control once ability launched.
- ♦ Billboard above targeted NPC
- Feedback player's soul leaving the NPC.
- > Feedback travel to new NPC (Soul that goes from the controlled NPC to the other one).
- Feedback player's soul taking control of the new NPC.
- UI Button:
 - Can be used
 - ♦ Used
 - ♦ Cooldown
 - Can't be used
- Camera follow the soul during travel
- Ability can't be used.

The target artefacts are artefacts that players can gather in order to kill the target.

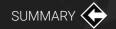
There are 2 artefacts in the level. Players have to gather both of them to be able to kill the target.

Artefacts can be gathered on special NPCs, on the ground or on other players.

The artefacts are a prayer wheel and a mask.



Concept by Marine Serre



Players have three ways to gather artefacts.

1. SPECIAL NPCS:

Players can gather artefacts from special NPCs on the map at the start of the game.

2. ON THE GROUND:

When players are killed by an AI, they drop their artefacts on the ground. Other players can recover them.

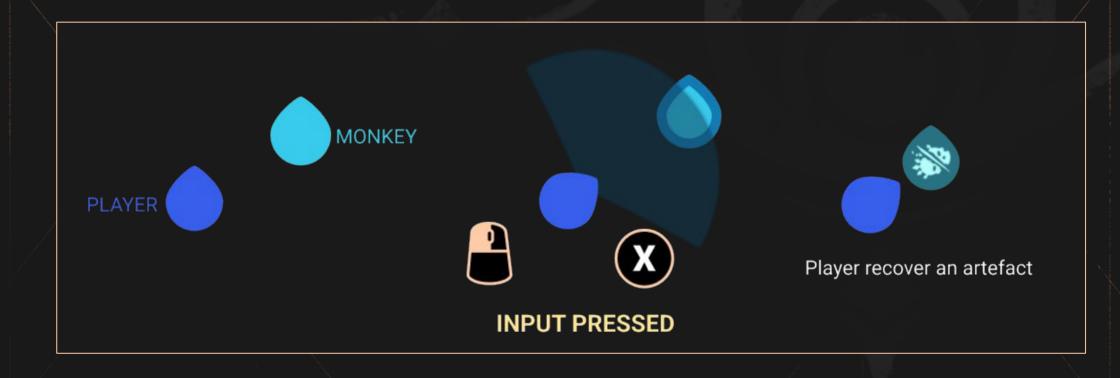
3. ON PLAYERS:

If players killed a player whose got artefacts, they steal them from them

Once a player gather 2 artefacts, they can kill the target.

To gather an artefact on a special NPC, players must kill that NPC.

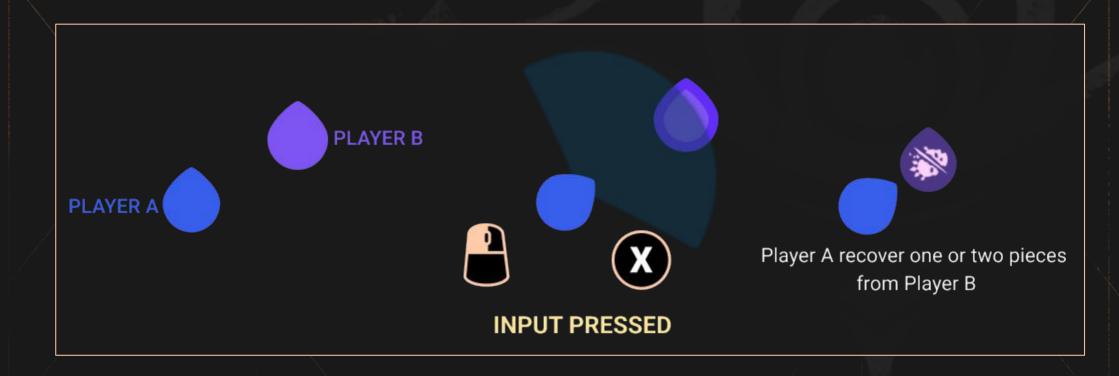
The artefact is automatically gathered after the kill.





To steal pieces or the item from other players, players must kill other players.

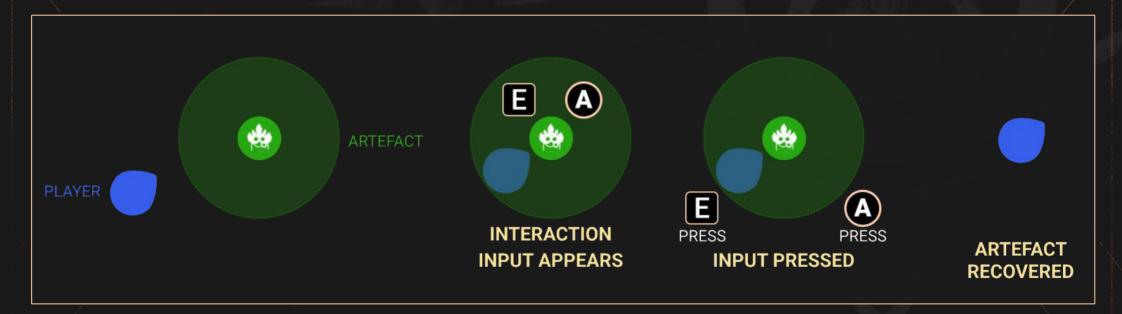
The piece/item is automatically gathered after the kill.





When players enter the interaction range of an item on the ground, the interact input appears above the item.

Players must press the interact input button to recover the item.



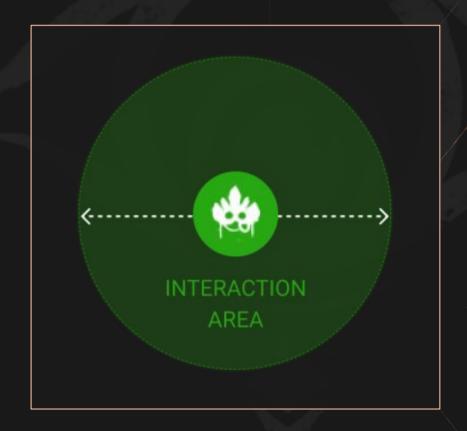


ITEM ON GROUND INTERACTION ZONE

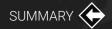
Radius

INPUT

Keyboard and gamepad key



CHARACTER | Target artefacts | Special rules



PLAYER IS KILLED

- If a player killed you, then that player gather your pieces or the item if it was forged.
- ♦ If a patrol NPC or the target NPC killed you, then pieces or the item drop on floor and can be gathered by other players

CHAMELEON

If player use chameleon, pieces/item follow on the new body.

TRY TO KILL THE TARGET WITHOUT ITEMS GATHERED

Players who try to kill the target without the item is killed by the target.

CHARACTER | Target artefacts | Signs & Feedbacks



SPECIAL NPCs

Special NPCs have a special skin to differentiate them from other NPCs.

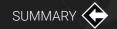
ARTEFACTS GATHERED

When players gathered an artefact, it is visible on their avatar.

ARTEFACTS DROPPED

If one or two artefacts are dropped on the floor after a NPC killed a player. An UI element highlights it on the screen.

CHARACTER | Target artefacts | Signs & Feedbacks



PIECE GATHERED: (Announce sound and text)

An announcement is made to players when someone has gathered a piece. (Everyone) A sound is triggered when a player gathered a piece. (Only for that player)

ITEM IS FORGED: (Announce sound and text)

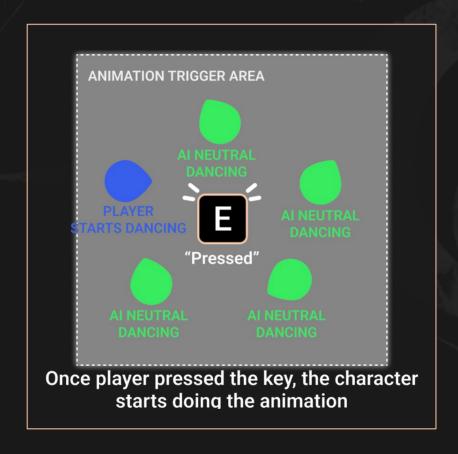
An announcement is made to players when someone has forged the item. (Everyone) A sound is triggered when a player forged the item. (Only for that player)

ITEM/PIECES DROPPED: (Announce sound and text)

An announcement is made to players when the item is dropped by a player. (Everyone)

CHARACTER | Environmental interactions | Activation

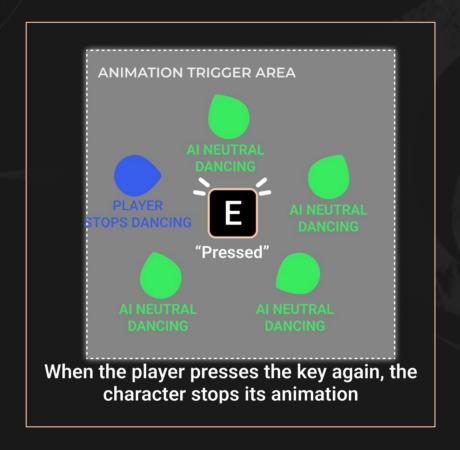




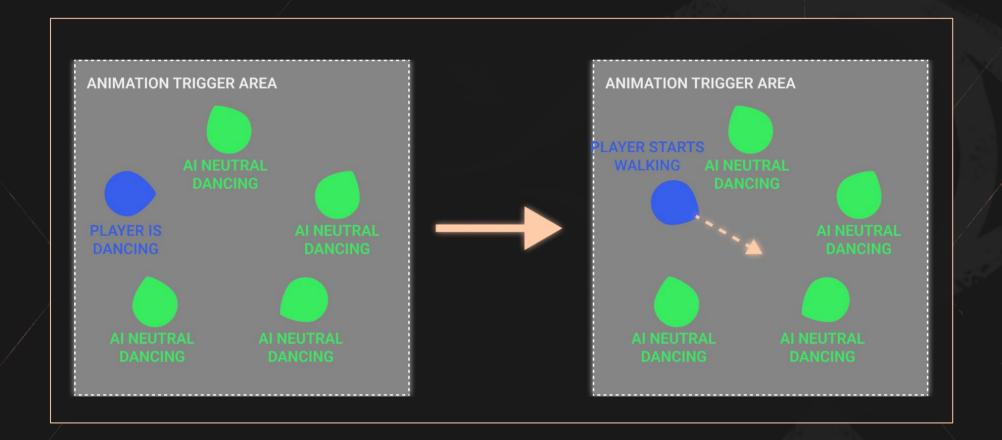
Once you're in the trigger box, if you press the E key, the character will start playing the animation registered in the blueprint.

CHARACTER | Environmental interactions | Deactivation 1/2





If the player presses the E key again while playing the animation, it will be cancelled and they will return to idle.



Likewise, if they move somewhere else, the movement will cancel the animation.

CHARACTER | Environmental interactions Interactions list



ANIMATION
Dance
Talk
Pray

CHARACTER | Environmental interactions | Interactions list



	\mathcal{X}_{n}	PRAY
33%		A_Pray1_CommonCharacter
33%		A_Pray2_CommonCharacter
33%		A_Pray3_CommonCharacter

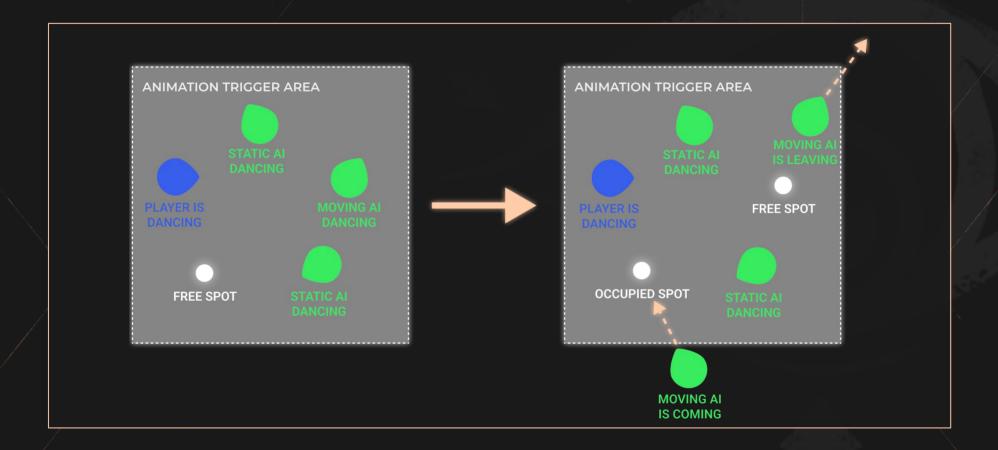
PLAYER ANIMATION

A_Pray3_CommonCharacter

To avoid creating repetitive patterns or a single animation that excludes all other NPCs, it is important to have a randomization of animations.

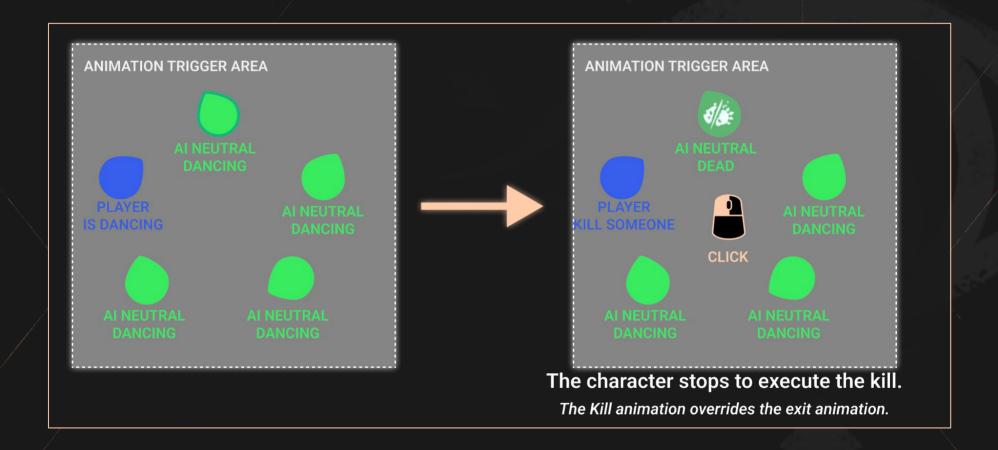
CHARACTER | Environmental interactions | Al Neutral





In order not to betray the player coming and going from these areas, the Als will have to be able to come and go as well.

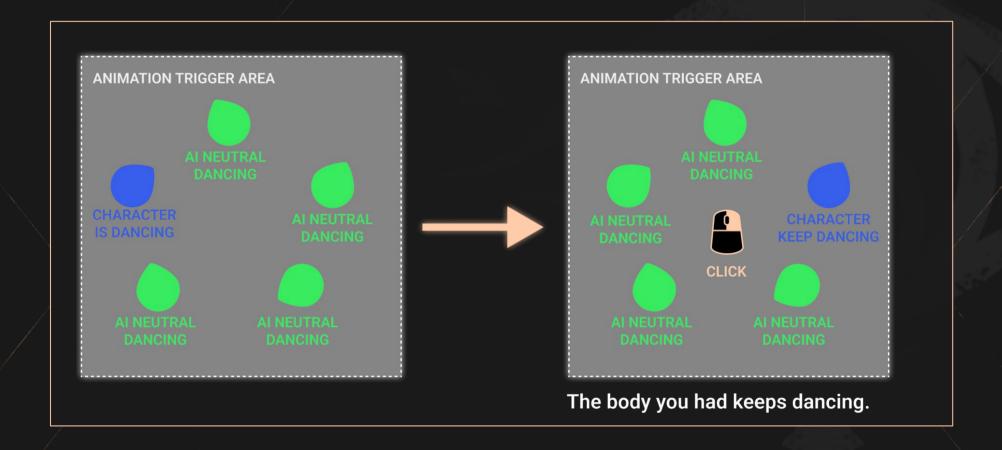
CHARACTER | Environmental interactions | Particular case - Kill



Likewise, if they move somewhere else, the movement will cancel the animation.

CHARACTER | Environmental interactions | Particular case - Chameleon

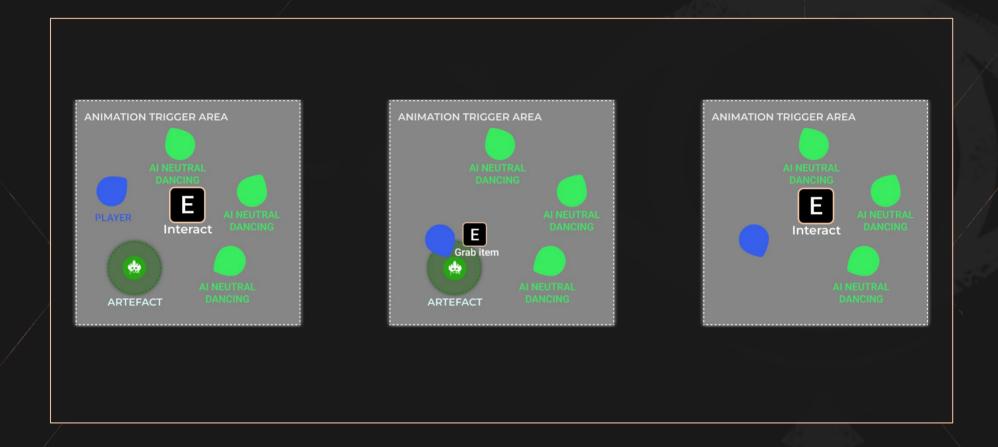




Likewise, if they move somewhere else, the movement will cancel the animation.

CHARACTER | Environmental interactions | Particular case - Artefacts



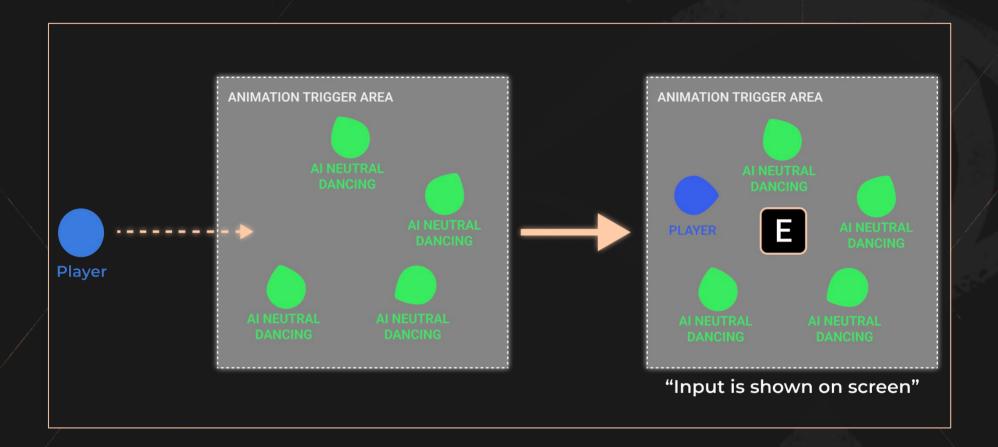


If an artefact is in the zone, it takes the priority.

Once the artefact is gathered by the player, the interact input for the zone comes back

CHARACTER | Environmental interactions | Signs & Feedbacks - Input shown

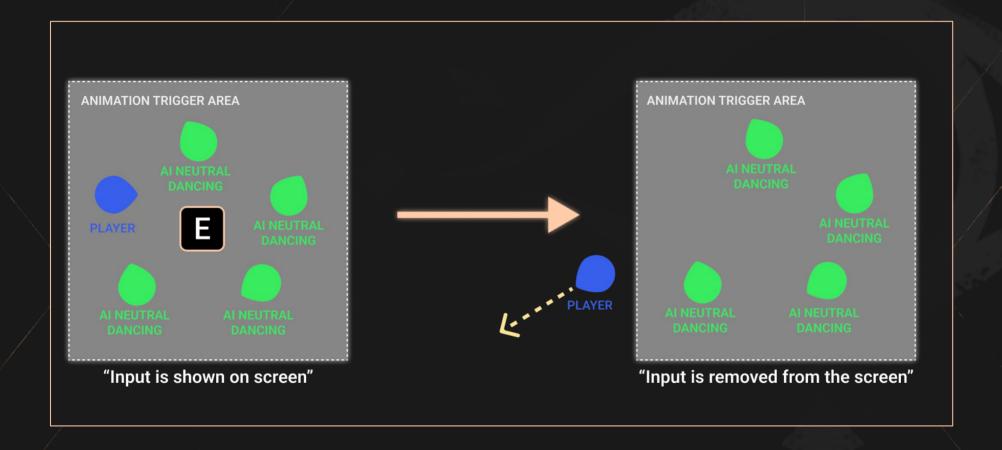




The input is display on the screen, when the players enter the trigger box. As long as you stay in the area, the input is displayed on the screen.

CHARACTER | Environmental interactions | Signs & Feedbacks - Input hidden





The input is removed from the screen, when the players leave the trigger box.

CHARACTER | Environmental interactions | Signs & Feedbacks



ANIMATION AREA UNIVERSAL SIGN:

To show the player there is an intractable area, there will be a decal under the Als dancing.

CHARACTER | Environmental interactions | Signs & Feedbacks



BOX AREA FEEDBACKS:

As soon as players enters the box, the input is displayed on their screens.

CAMERA *



- ♦ Give the player as much information as possible.
- ♦ Give control to the player on their experience.
- Give the feeling of being omniscient.



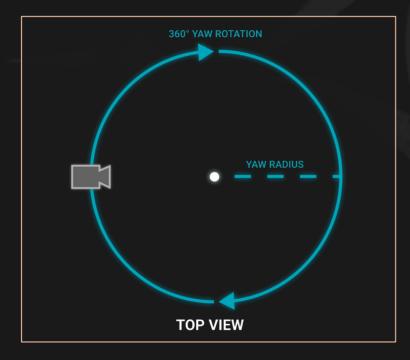
ROTATION:

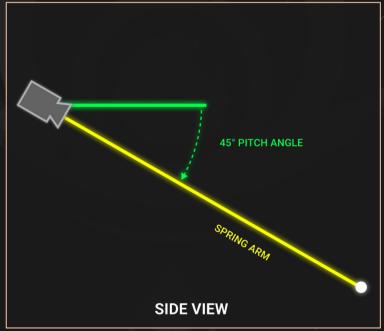
- Rotation speed
- ♦ Rotation curve in
- ♦ Rotation curve out

DEFAULT PITCH ANGLE

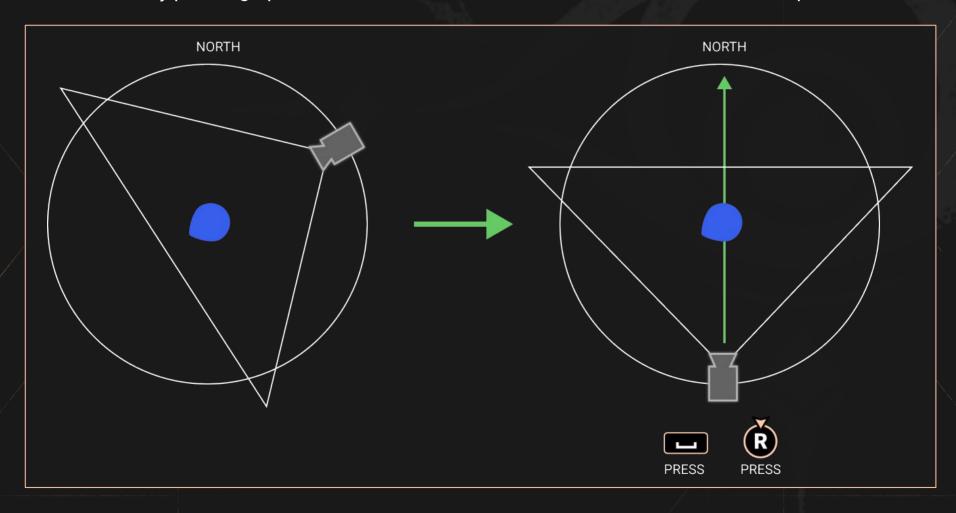
SPRING ARM:

- Location
- Distance





By pressing Space, the camera resets its rotation with the north of the map.



To avoid the camera being repositioned too often for scattered objects in the scenery, an occlusion shader is designed to make the elements that may interfere with the path or sight on the character.



Without Occlusion



With Occlusion

When you activate the chameleon, the camera lerp between its initial position and its new position.

The controls are blocked while the camera is lerping.







Starting point

Lerp

Arrival point

When you die, you can't control the camera anymore.
When the character respawn, the camera refocus on the character



On death + Post process



Refocus on character in spawn

When you activate an environmental interaction area, the camera zooms in slightly as long as you use it





Normal zoom

Interaction zoom

First plan - Pulchowk



Second plan - Target



End Second plan - Intro artefact



Third plan - First monkey



Fourth plan - Second monkey



End Fourth plan - Intro game



Start game - Spawn player



When a player kill the target, all the four player's camera are refocus on the target.







Focus on player

Lerp

All player focus on target death



CONTROLS

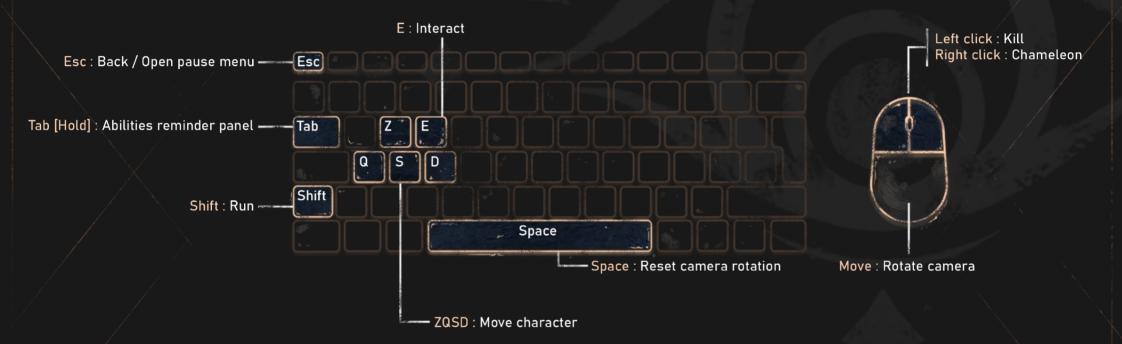


Illustration by Pierre Seigne

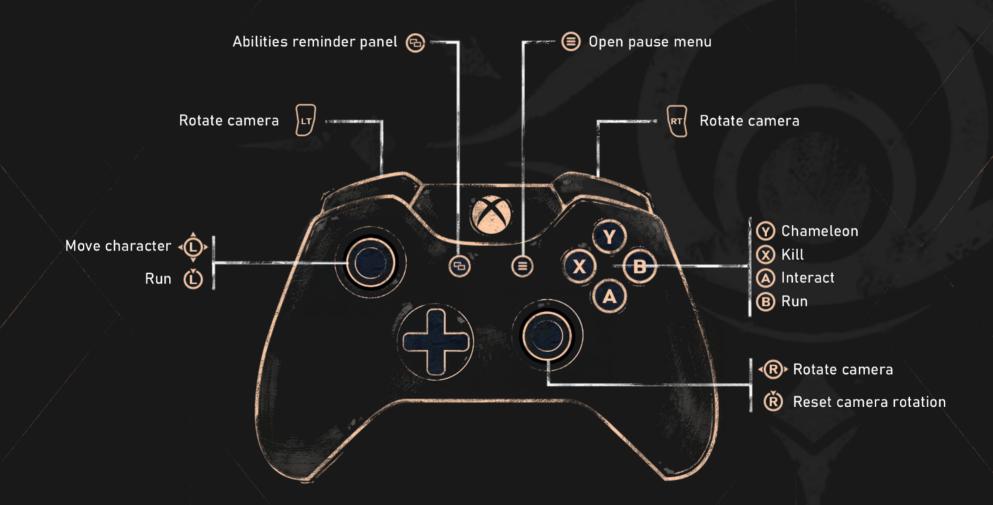
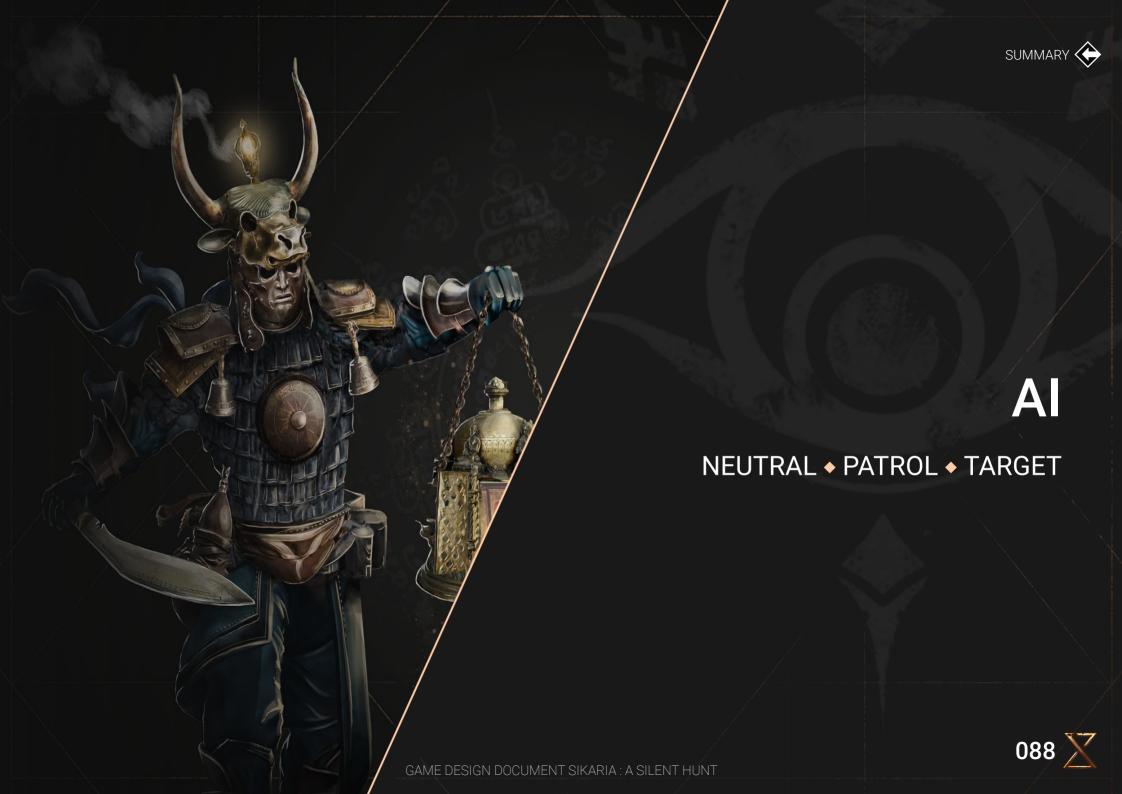


Illustration by Pierre Seigne



NEUTRAL *



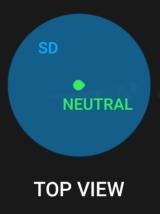
Civilians

Archetype:

"CIVIL" - An Al that is not meant to fight the player, their main goal is to populate the world and make players stand out from the crowd. They will not have a very good sense of the environment and will quickly revert to their routine.

AUDIO	VISION
Kill	and the same







KEY:

SD: The Sound Detection area defines the range in which an audio stimulus can draw Al's attention.



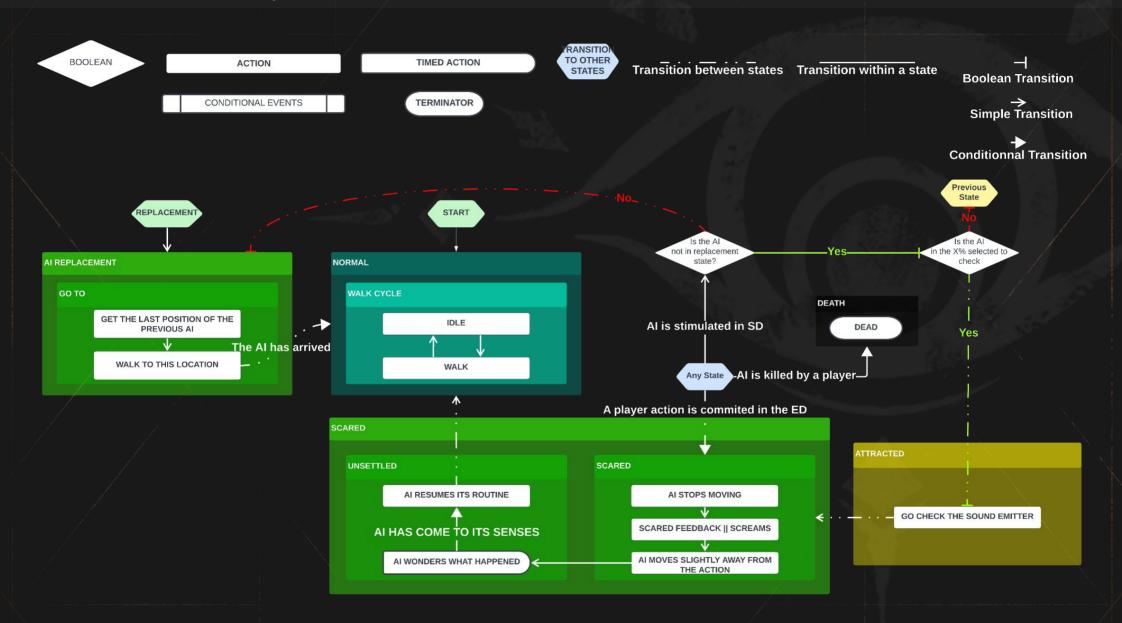
If the Als are close to a player's action, such as a kill, they will move aside and make a slight warning sound, then after a while, they will return to their routine.

PARAMETERS:

AlRatio AttractionRadius WonderingTimer

NEUTRAL | Finite State Machine





Navigable version of the FSM here

PATROL *

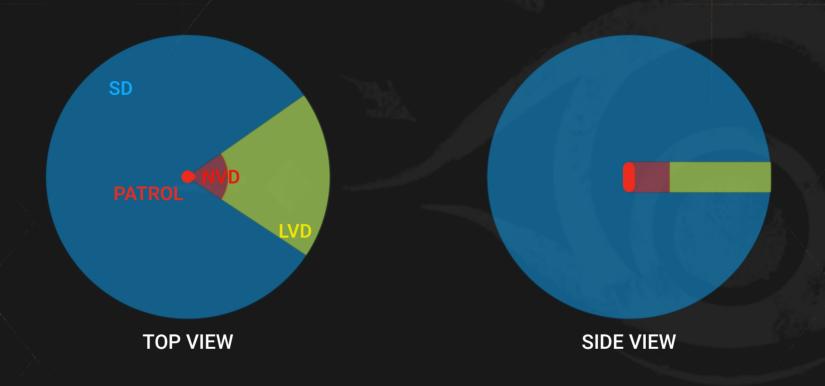


City Guard of Pulchowk

Archetype:

"HUNTER" - An AI that will detect a player and trace him down to eliminate him.





KEY:

SD: The Sound Detection area defines the range in which an audio stimulus can lure the AI to the location from which the sound is emitted.

NVD: The Near Vision Detection area defines the range, angle and height at which players will be immediately detected (override LVD).

LVD: The Long Vision Detection area defines the range, angle and height at which the <u>Attention Gauge</u> will fill up until detection.



When an AI has detected a player the angle of view is reduced and there is only the NVD area.

PARAMETERS:

Angle Max Distance



FOCUS ON A PLAYER

FUNCTIONNING:

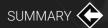
When a player is in the range of the patrol vision, the vision of the AI will be clamped to the player position.

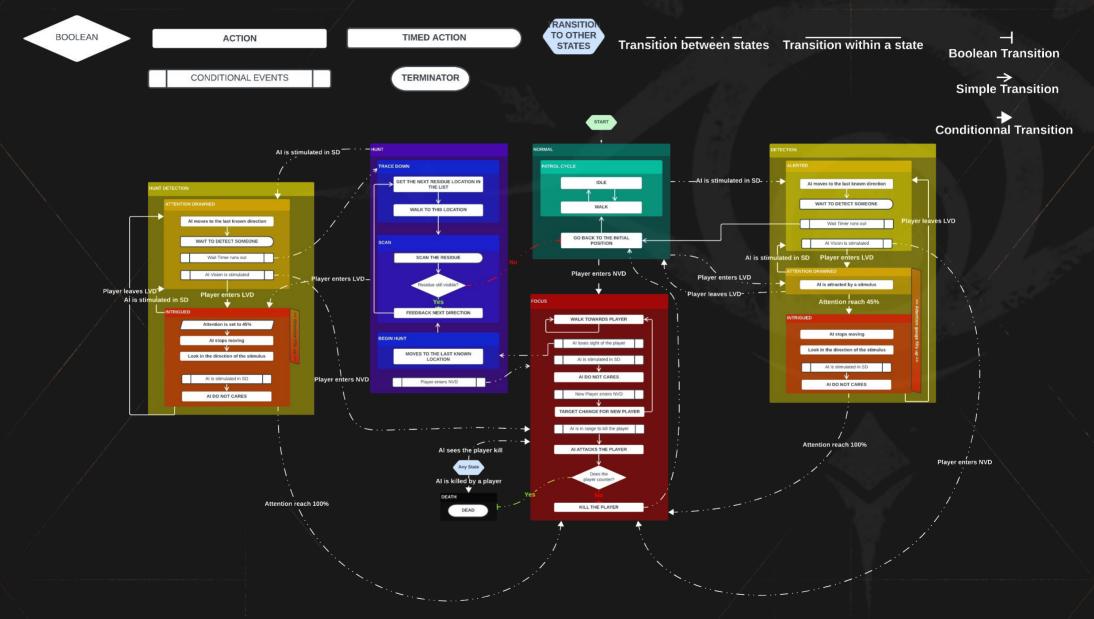


Al will use their lantern to detect the player, thus it will be how the players will know if they will be detected or not. The light beam may vary depending on the state of the Al.

AUDIO	VISION
Kill	Player character walking
	Kill
	Aura residue
	Player running

PATROL | Finite State Machine





Navigable version of the FSM here



RUNNING ACCUMULATION

NORMAL ACCUMULATION

FUNCTIONNING:

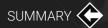
When the AI sees a player in the LVD, its attention immediately starts to increase. The number of players in the detection area will not affect the speed of detection.

The AI will charge its attention on the closest player.

If the players running, the attention will increase faster.

If the AI is already in the focus state, its radius will only be a NVD between the AI and the player. If new players enters this area they will become the new target for the AI.





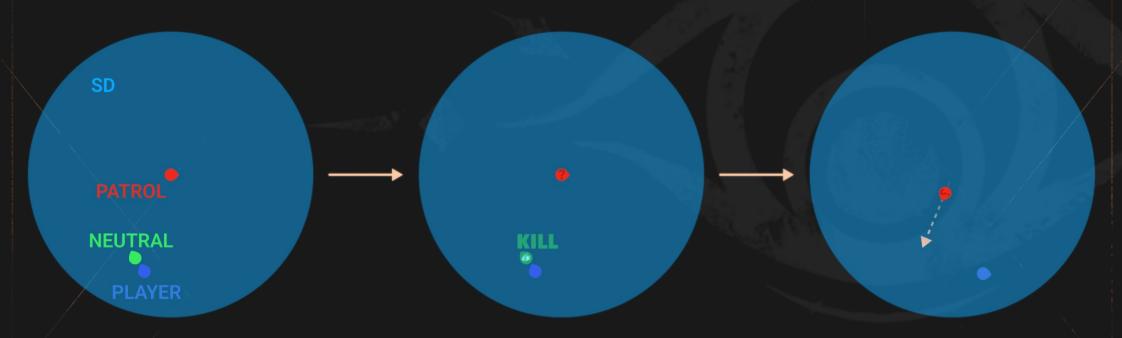
WAIT DEPLETION

FUNCTIONNING:

When a player leaves an AI vision and there is no more player in the detection area, the AI will stay at the same level of attention for few seconds and then start decreasing the attention value linearly.

Otherwise if there is another player, the AI will charge its attention on the new one, keeping the same level of attention.





If a kill action is performed, Patrol will go check to the location of the sound



When the Al is in Focus state and a player enters the range of the Al. It will launch its attack. The attack works the same as the player kill and can be countered.







If a kill action is performed by players in the patrol's sight, the patrol immediately goes after the murderer.



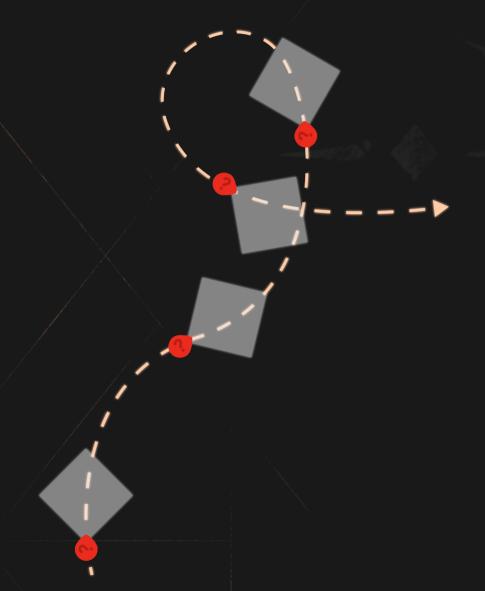


ACTIVE RECOVERY

FUNCTIONNING:

When the Als have lost track of players, they will be able to scan the area and trace the player's tracks (these tracks do not have to be 100% accurate to the player's true path but can be fake in the environment), these tracks are a feedback of why the Al is able to trace players when they have lost them from sight and also allow to slow down the Al during its search.

The residue as a lifetime, thus combine with the time an AI takes to scan a residue, we should control how long it takes to stop the AI tracing down players.



When the Als have lost track of players, they will be able to scan the area and trace the player's tracks (these tracks do not have to be 100% accurate to the player's true path but can be fake in the environment), these tracks are a feedback of why the Al is able to trace players when they have lost them from sight and also allow to slow down the Al during its search.

The residue as a lifetime, thus combine with the time an Al takes to scan a residue, we should control how long it takes to stop the Al tracing down players.

PARAMETERS:

- TraveledDistance (between residue)
- HuntWalkSpeed
- TimeToScan
- ♦ WaitAfterScan
- ResidueLifetime

LANTERN COLOR:

The lantern changes color depending on the state of the AI:

- ♦ Normal (Any light color)
- Detection states (Yellow to Orange)
- ♦ Focus (Red)

STATE TRANSITION SYMBOLS:

The AI will have symbols that appear and disappear quickly when the AI change state:







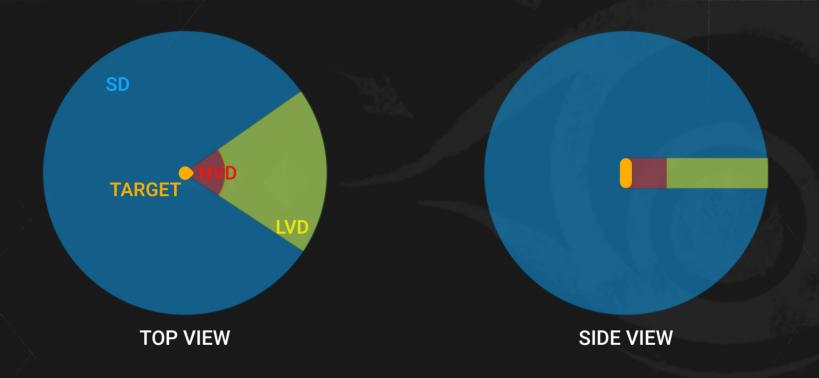
◆ TARGET ◆



Raina

Archetype:

Paranoid - A powerful AI that is suspicious of its surroundings and rarely puts itself in danger .



KEY:

SD: The Sound Detection area defines the range in which an audio stimulus can lure the AI to the location from which the sound is emitted.

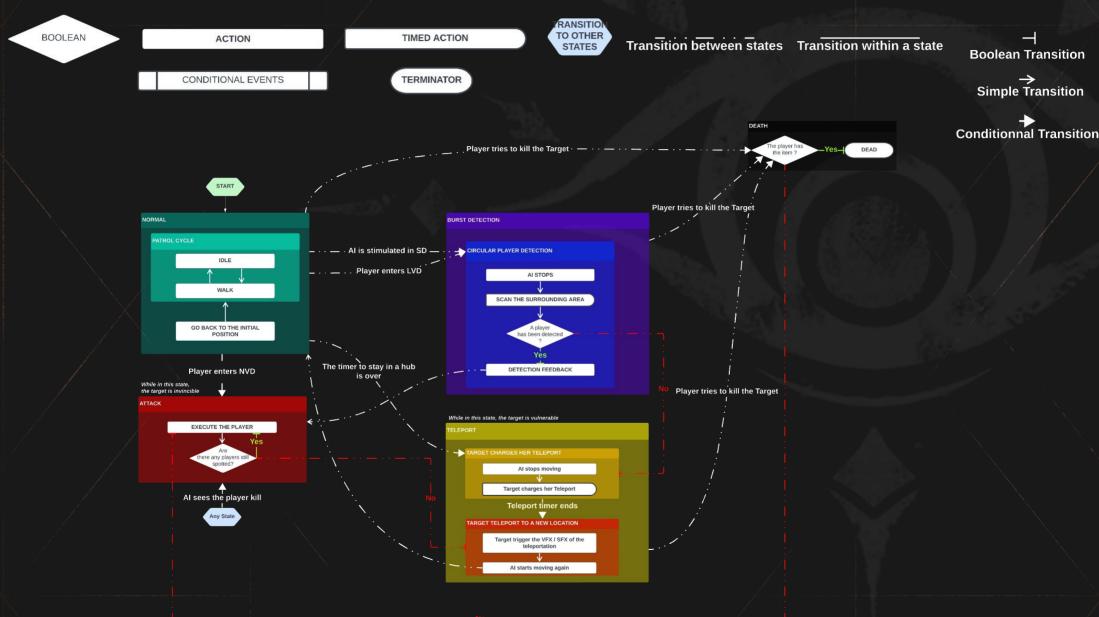
NVD: The Near Vision Detection area defines the range, angle and height at which players will be immediately detected (override LVD).

LVD: The Long Vision Detection area defines the range, angle and height at which the <u>Attention Gauge</u> will fill up until detection.

AUDIO	VISION
Kill	Player Character
	Kill

TARGET | Finite State Machine





AI | 114 X

Navigable version of the FSM here

RUNNING ACCUMULATION

NORMAL ACCUMULATION

FUNCTIONNING:

When the AI sees a player in the LVD, its attention immediately starts to increase. The number of players in the detection area will not affect the speed of detection.

Depending on whether the player is running or walking, the attention will not increase in the same way.





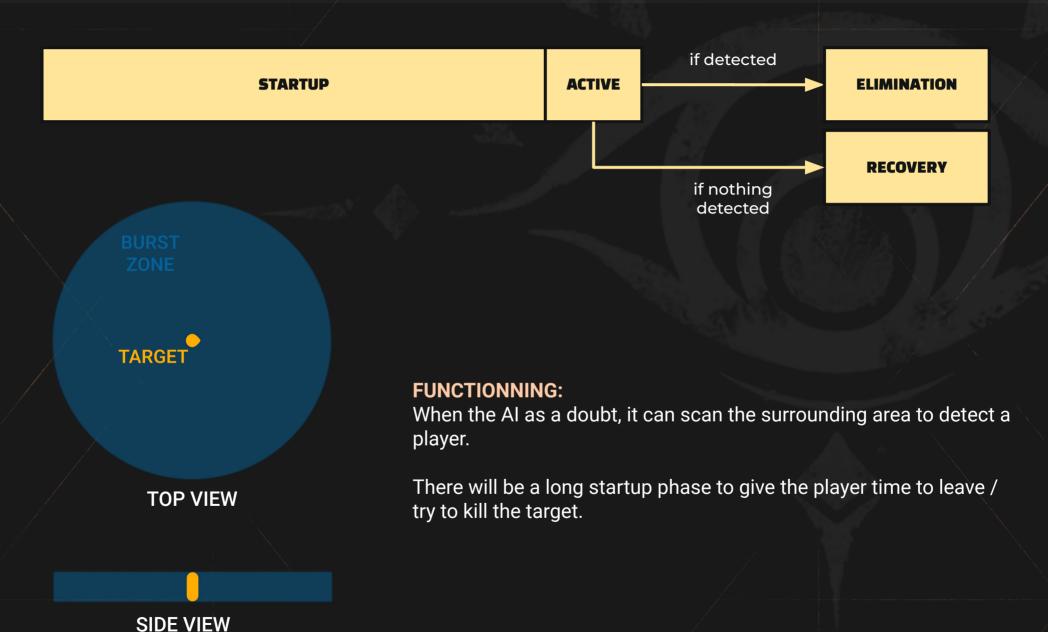
WAIT DEPLETION

FUNCTIONNING:

When a player leaves an AI vision and there is no more player in the detection area, the AI will stay at the same level of attention for few seconds and then start decreasing the attention value linearly.

TARGET | Scan







ACTIVE

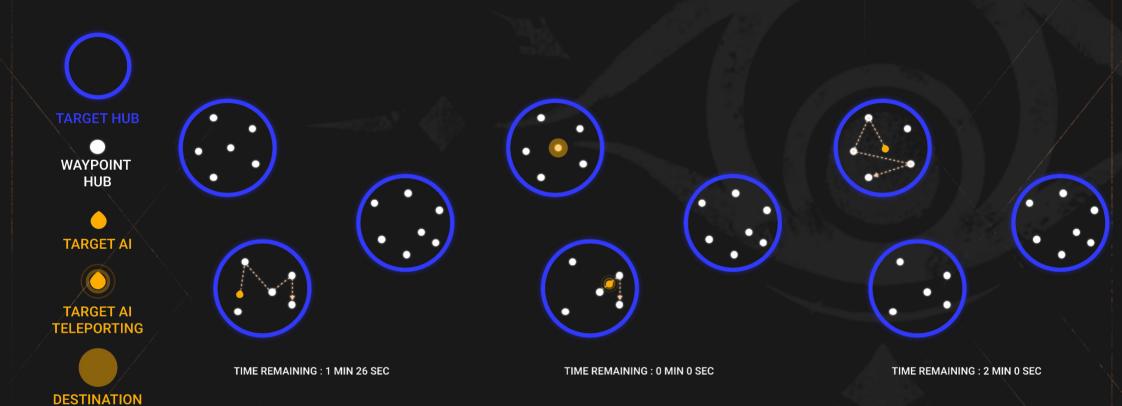
RECOVERY

FUNCTIONNING:

Once the Al starts attacking, she will jump in the air and attack all the players that has been detected.

When the AI as a doubt, it can scan the surrounding area to detect a player.

There will be a long startup phase to give the player time to leave / try to kill the target.



FUNCTIONNING:

AREA

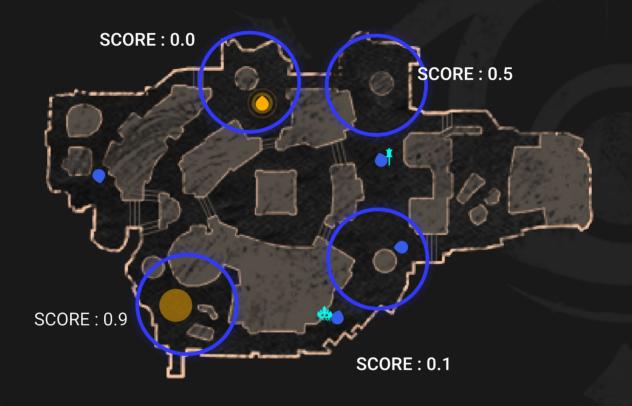
Every X seconds, the target will teleport to a new HUB if it has not met a player.

TRIGGERS	ACTIONS	TELEPORT TIME
Teleport timer is over.	Long Teleport Timer -> Teleport to new location	15 S
Target has countered the players because they didn't have the 2 fragments	Kill (counter) -> Short Teleport Timer -> Teleport to new location	05 S
Scan is successful	Kill -> Short Teleport Timer -> Teleport to new location	05 S
Scan has failed	Short Teleport Timer -> Teleport to new location	05 S

TARGET | Teleport System HUB Functionning



AREA OF INTEREST	WAYPOINT	TIME TO WAIT
HUB 01	Waypoint 01	50 S
	Waypoint 02	00 S
	Waypoint 03	15 S
HUB 02	Waypoint 01	00 S
	Waypoint 02	10 S
	Waypoint 03	60 S
	Waypoint 04	90 S
HUB 03	Waypoint 01	05 S
	Waypoint 02	35 S
	Waypoint 03	00 S



PRIORITY:

The HUB furthest from the players (weighted):

- 1. The HUB furthest from the players with a fragment. (1.0)
- 2. The HUB farthest from all players. (0.5)
- 3. If there is a tie, the HUB furthest from the current HUB.

TIMER:

Long Time Charge Short Time Charge

HUB SELECTION:

Player with fragment weight Player without fragment weight



ANIMATION

- ♦ Target Animation for each phase :
 - Start-Up
 - Active
 - Recovery

FX

- ♦ FX when AI charge the detection
- ♦ FX when AI release detection
- ♦ FX on player detected

SOUND

- Sound for active (Target SFX)
- ♦ Sound for recovery (Target SFX)
- ♦ Sound of the player detected

SYMBOL (if player entered Target's FOV)

For all state duration

♦ Target is gonna launch detection



ANIMATION

- ♦ Target Animation for each phase :
 - Active
 - Recovery

FX

- ♦ Jump FX (Trail + Dust)
- Active Attack FX
- Players Death FX

SOUND

- ♦ Sound for Jump
- ♦ Sound for Target Attack
- Sound of the player detected

SYMBOL (if player entered Target's FOV)

♦ Target is gonna attack



ANIMATION

- ♦ Target Animation for each phase :
 - ♦ Charge
 - ♦ Teleport

FX

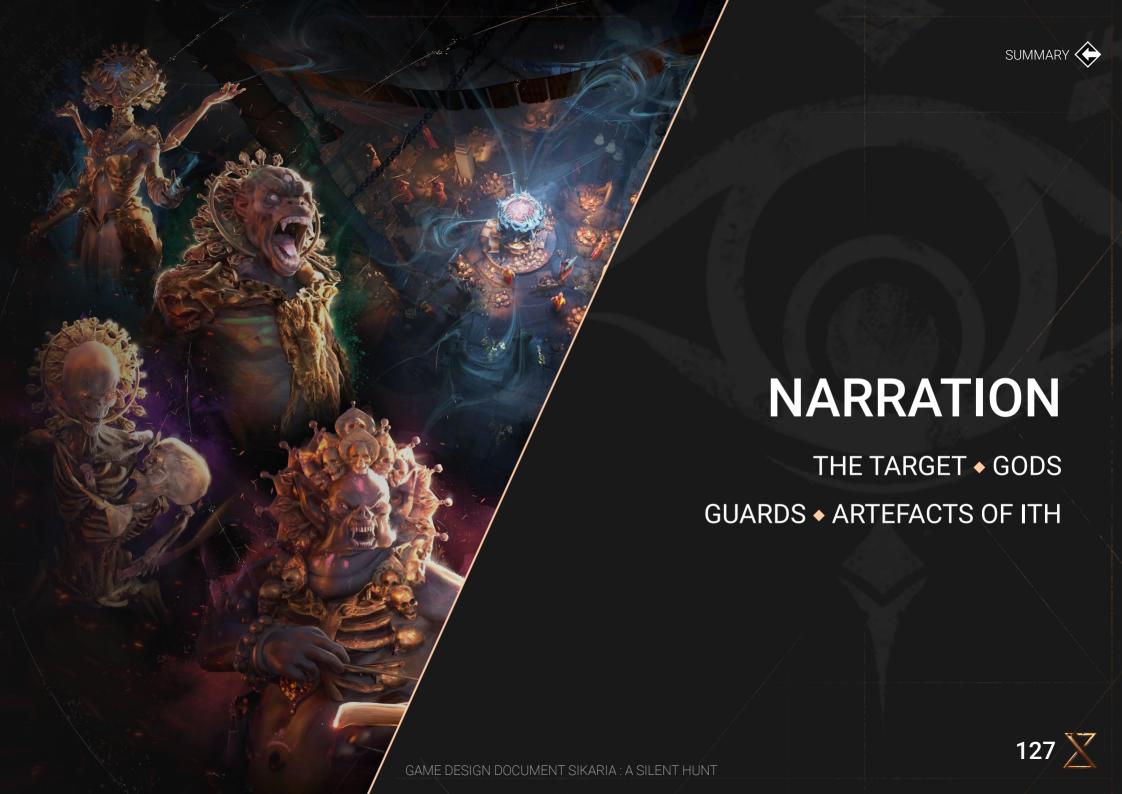
- ♦ FX when AI charge the teleport
- ♦ FX when AI Left
- ♦ FX when Al arrives

SOUND

- Sound for Target Charge
- Sound when Target Left
- Sound when Target arrives

SYMBOL (MINIMAP)

- ♦ Target is about to Teleport
- ♦ New Teleport Zone





◆ THE TARGET ◆



Raina

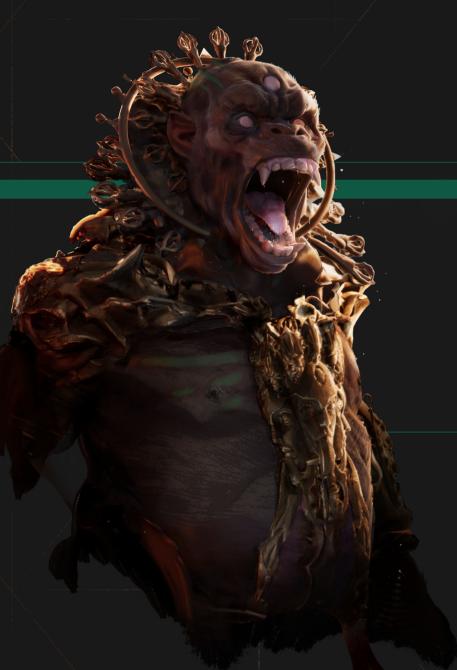
Raina is hiding in the market to find the artefact to release her sister in order to spread death and destruction in this part of the world. She is a superior god who possesses a character on the map, a Kumari. She can hide its god aura from the town guards. She can be stopped by shedding the blood from the body it possesses.

GODS



Goddess of hope

Kahari is known as the minor goddess of hope, and her presence brings positivity and light to all those around her. However, over time, the other gods began to overlook her, and she gradually faded into obscurity. Despite this, Kahari never lost her faith in her purpose and continues to spread hope wherever she can.



God of merchants and beggars

Apana's influence is significant, and his actions are guided by a strong sense of justice and fairness. He grew up watching the gods fight and argue, and it pained him to see the harm that their selfishness was causing the world. Apana is determined to bring equity back into the world and restore balance and harmony to the universe.







God of dreams and nightmares

Marigni is a two-headed skeleton minor god, known for his cunning and manipulative personality. He is a master of deception and can easily twist the truth to suit his needs. He is a devious strategist, able to think ahead and plan for every possible outcome. He is also a skilled actor, able to project an image of innocence and sincerity even when he is plotting something sinister.



God of order and justice

Convinced that he is a more deserving and powerful god than the others, he believes that by becoming the only supreme god, he can restore balance to the world and bring his vision of peace to fruition. His ultimate goal is to overthrow the current system and establish a new order that he believes will be more just and equitable.



• GUARDS •

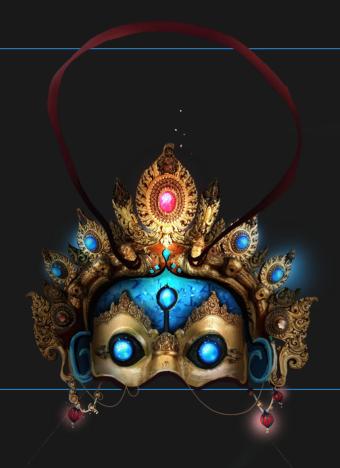


City Guard of Pulchowk |

Their goal is to protect the people of Pulchowk from the gods' influence. To face them, they are equipped with a lantern that can reveal the avatars of minor gods. In order not to frighten the population and disrupt Pulchowk's commercial activities, they have received special training in order to eliminate discreetly any minor god spotted.



* ARTEFACTS OF ITH *



The artefacts are the prayer wheel and the mask of lth.

Ith is the supreme god of protection, with a human appearance, tall with blue skin. He has short silver hair. A red protective crystal is located in the middle of his forehead.

He protected the town of Pulchowk during a great war 350 years ago. During this war he repelled Ka Mari, the supreme goddess of destruction. He then sealed some of his power in artefacts to protect the people of Pulchowk. Ith vanished from the earth after this, and no gods or peoples have ever seen him again.

Unfortunately, this legend was forgotten by the city and the artefacts were lost.

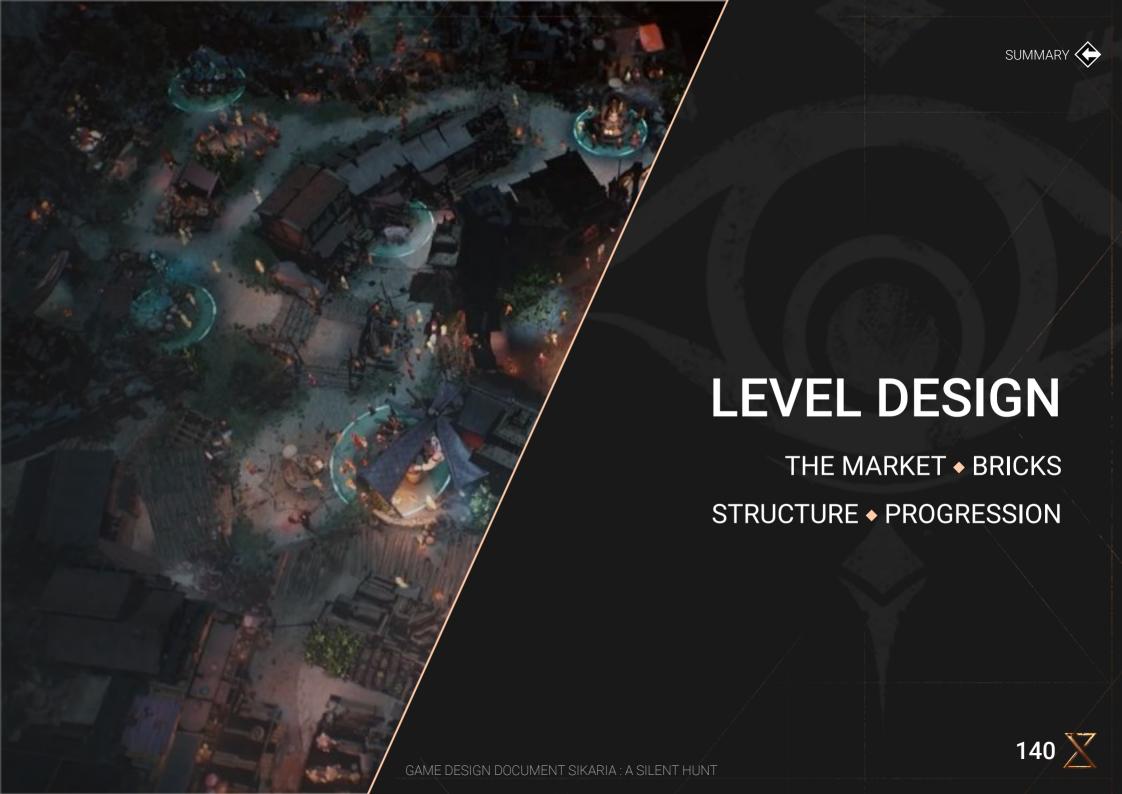


These artefacts are in Pulchowk, and the people there today don't seem to mind. To them, they are just trinkets for sale like any other. That's why players will be able to collect them on sales-monkeys.

Once gathered, the prayer wheel is used to call upon Ith through the mask to release its full power into the host's body. Thus, those with the mill and the mask would have the power to protect the world from a malevolent being.

The prayer wheel is decorated with symbols of protection and coloured with the blue of lth.

The mask represents Ith. It is adorned with a crown with blue crystals and a central red crystal, symbolising his protection.





◆ THE MARKET ◆



The map in which the players will evolve will be inspired by Nepalese architecture. In accordance with the narrative, it will be populated with mystical and imaginary characters, all in a realistic artistic direction.

Nepalese market



Area spaced as narrow, populated

Mystical character



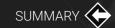
Mystic, Humanoid Creature

Realistic environnement



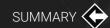
Serious, Representation of reality

THE MARKET Level art





THE MARKET Level art







BRICKS *



+ PATROL

Enemy AI that will patrol on the map. They can see the player and kill them on contact.

Takes a moment to detect the player, once detected, they will chase the player to execute them.



+ TARGET

The objective of players to win the game. A powerful god that will move across the map in a certain amount of time. For them, players are not a threat.

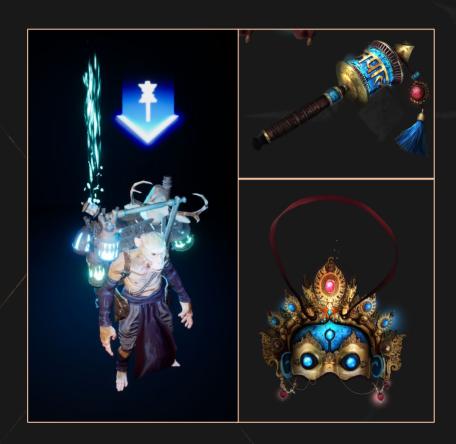
Destroy a player if it detect it. Always follow its path.



+ NEUTRAL

Civil Als are present on the majority of the map, alone or in groups. They can walk or be static all over the map. Detects deviant players behavior and can alert adjacent Als before fleeing.

Neutral AI can be possessed by players, that allow them to change their appearance.



In order to kill the target, players must pick up two artifacts to form a weapon.

Walking monkeys:

These are Neutral Als that wander around in defined areas, you have to kill them to take the artifact, and thus expose yourself to the view of everyone.

PATROL



SKILLS:

- Observation
- Tactics
- ♦ Dexterity

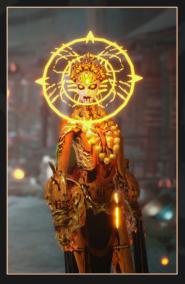
NEUTRAL



SKILLS:

- Measurement
- Cleverness
- Memory

TARGET



SKILLS:

- Observation
- Strategy
- ♦ Reflex

MONKEY



SKILLS:

- Management
- Concentration
- Timing



Bushes are area where the player can hide. When players are in bushes, player's avatar will fade out. Hiding them from other players and Al.

Multiple players can hide in the same bush.

They can use their abilities while in bushes but they will reveal their position <u>temporarily</u>.

The Als patrol lose sight of the players when they are in the bushes.



Environmental interaction zones are areas where players will be able to mimic NPCs doing an action related to that zone.

Upon entering the zone, players can activate animations and attempt to impersonate an Al to other players.

Neutral Als navigate through these zones.

Please note: Interaction zones do not protect from patrol Als, which can still detect players with their lanterns.

INTERACTION ENVIRONMENTAL



SKILLS:

- Precision
- Management
- Measurement

BUSHES



SKILLS:

- Precision
- Management
- Measurement



* STRUCTURE *



- "Chaotic" structure of a market, narrow streets as if spaced.
- Sense of life and environmental narration.
- Identifiable landmarks to help navigation towards the goal.
- ♦ Global navigation that make the players cross each other.



Access point

The sacred temple is the area where players start the game and respawn.

It is populated by Neutral AI and is a crossing point for many AI so players can hide there easily, especially at the beginning of the game.

With different entry and exit points, it is a quieter area than the others with a variety of navigation.



The sacred temple is meant to be the safest area of the map and therefore a large number of ia in this area makes it more difficult for other players to spot a player and therefore to move around more calmly. However, a player performing suspicious actions or possessing one or more artifacts can still be spotted quite quickly among the crowd.

STRONG INFLUX



The different bushes in the central area will allow the player to carry out an ambush while asking them to take the risk of hiding in them and thus carry out a suspicious action. The different bushes are placed so that they block the different entrances of the center.

Bushes



The waterfall and festival square is one of the largest zones on the map. It allows players to go through the end of the map in order to avoid the players who will tend to go through the center. So several access points allow to reach this part of the map

Access point



STRONG INFLUX

AVERAGE INFLUX

LOW INFLUX

Right zone:

we wanted the player to have shorter challenges, hence the number of Al and the two paths that can be taken, which requires the players to carefully observe the movements and actions of other NPCs in order not to be surprised by another player

Left zone:

the influx of neutral AI is reduced, which requires players to think before moving because the slightest false move can be spotted by other players



Interaction area

Bushes

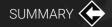
Right Zone:

Due to the large number of neutral Al in this area we have added different bushes or environmental interaction for players to take risks by performing suspicious actions in order to strategize and/or ambush the other players. This adds tension in this zone because anything can happen.

Left Zone:

Only environmental interaction zones are present in this zone so that players can set up an ambush or think about their next move.

STRUCTURE | The waterfall and festival square





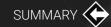
The patrols each secure their areas with their defined cycle, which is deferred between them so that they do not both end up looking at the same place. Each one blocks the different access points to their area.

MOVING AI PATROL



←····> MOVING AI TARGET

STRUCTURE | The base of the mountain Intention





The base of the mountain is the same as the southern zone, it allows players to access the end of the map and avoid the center. Different access points are placed to access the other different areas.

Access point





Interaction area

Bushes

Right Zone:

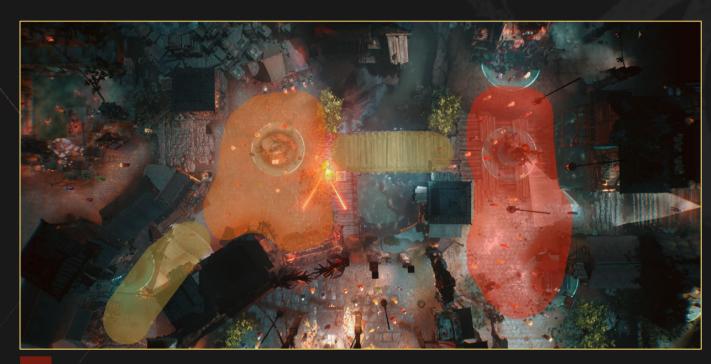
Due to the large number of neutral Al in this area we have added different bushes or environmental interaction for players to take risks by performing suspicious actions in order to strategize and/or ambush the other players. This adds tension in this zone because anything can happen.

Left Zone:

Mainly environmental interaction zones are present in this zone so that players can set up an ambush or think about their next move.

STRUCTURE | The base of the mountain





STRONG INFLUX

AVERAGE INFLUX

LOW INFLUX

Right zone:

For the same intentions as the south zone we wanted to challenge the player more on the observation of his environment in order to discern the NPCs that could make suspicious actions while having this tension of anything can happen.

Left zone:

The same intentions as the south zone, play more on the reflection that the player will have in these movements to not have to make suspicious actions.

STRUCTURE | The base of the mountain Al Patrol





The patrols each secure their areas with their defined cycle, which is deferred between them so that they do not both end up looking at the same place. Each one blocks the different access points to their area.

(-----) MOVING AI PATROL

STRUCTURE | The base of the mountain Al Target



MOVING AI TARGET

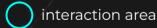


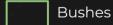
Access point

The thermal baths is one of the two places where a monkey with an artifact moves. And that's why it's a fairly small area in order to increase the tension and interaction between players because it's an area coveted by all players in order to win the game. Only two access points are present which gives this bottleneck aspect and forces the players to find a solution to get in and out.



The different bricks are placed in such a way that they can be used to hit the monkey in different ways or to ambush another player.





STRUCTURE | The thermal baths | Al Neutral





AVERAGE INFLUX

LOW INFLUX



MOVING AI PATROL



The monkey will move through the area in a cycle linked to the patrol's cycle in order to offer key opportunities to the players to eliminate it. The more cycles the monkey performs, the more out of sync it will be with the patrol and the more opportunities the player will have.

MOVING AI MONKEY



The harbor is one of two places where a monkey with an artifact moves. It is a small area in which the player will have to make short term decisions to get out. There are two access points to reach this area, which creates a bottleneck and forces the player to find a way in and out.

Access point



The different bricks are placed in such a way that they can be used to hit the monkey in different ways or to ambush another player.



AVERAGE INFLUX

LOW INFLUX



MOVING AI PATROL



The monkey will move through the area in a cycle linked to the patrol's cycle in order to offer key opportunities to the players to eliminate it. The more cycles the monkey performs, the more out of sync it will be with the patrol and the more opportunities the player will have.

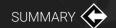
MOVING AI MONKEY

	THE SACRED TEMPLE	THE BASE OF THE MOUNTAIN	THE WATERFALL AND FESTIVAL SQUARE	THE HARBOR	THE THERMAL BATHS
Al					
NEUTRAL		\checkmark	>	>	✓
PATROL		\checkmark	>	>	~
TARGET		\checkmark	>		
LD BRICKS					
BUSHES		\checkmark	>	\	~
INTERACTION ENVIRONMENTAL		\checkmark	>	>	\checkmark
GAMEPLAY					9
ARTEFACT				<	~
RESPAWN					



PROGRESSION *

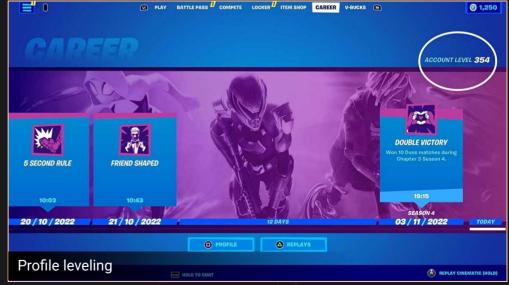
PROGRESSION | OVERVIEW

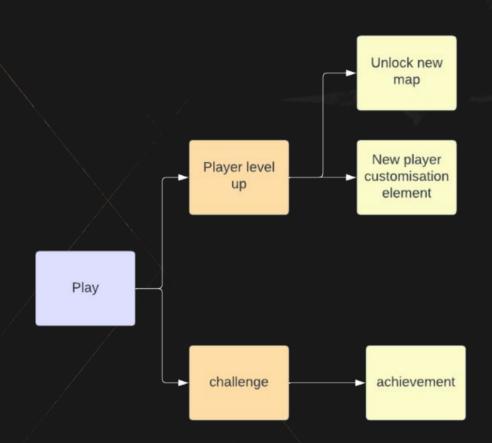




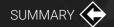


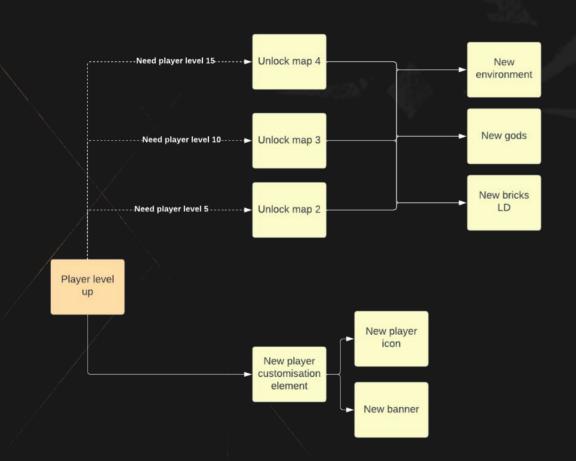






The player will have different engagement loops that will allow him to have a long term progression and to renew the experience by offering new possibilities.



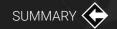


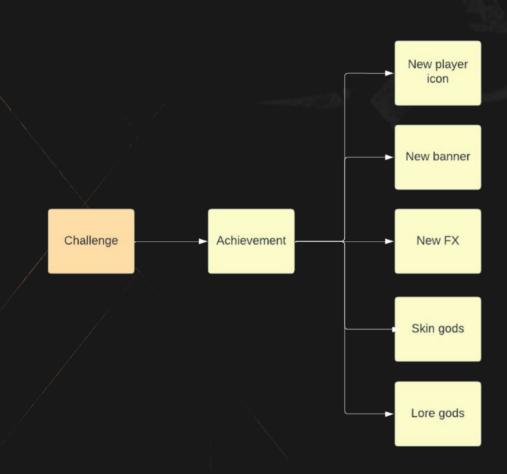
By leveling up the player will be able to unlock new maps. Each new map will offer players a unique gameplay mechanic with its own environment as well as the possibility to play as other gods of the universe.

While leveling up he will be able to unlock different cosmetic elements like banners and player icons.



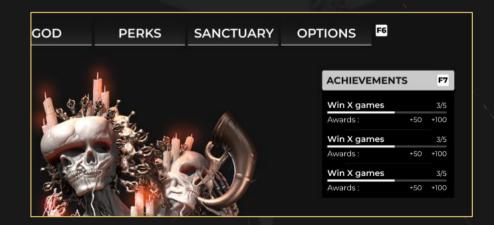
PROGRESSION Challenge



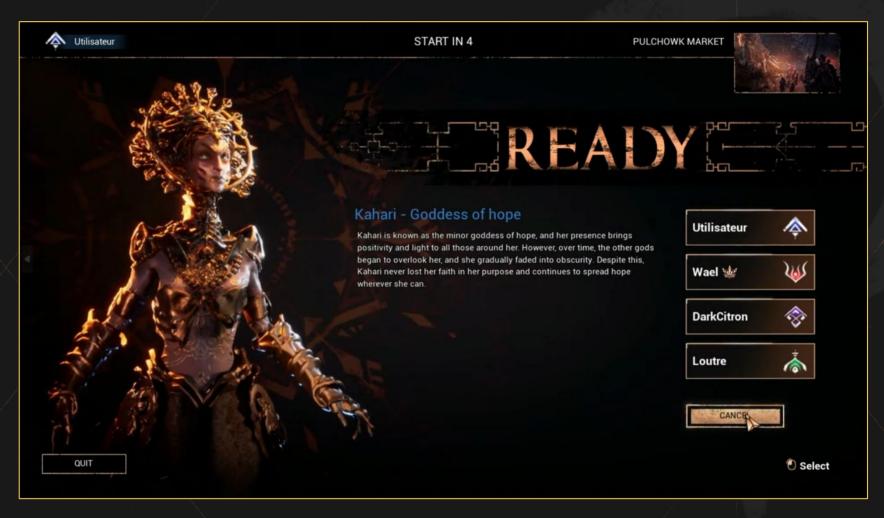


The player will have different challenges distributed in different sections (Party, ability, gods) that will ask him to achieve certain accomplishment in the game as (win X game as Kali) and will allow him to acquire following these achievement according to the sections:

- Party: (Player icon, banner)
- ♦ Ability: (New ability FX)
- ♦ Gods: (Gods skin, Gods lore)

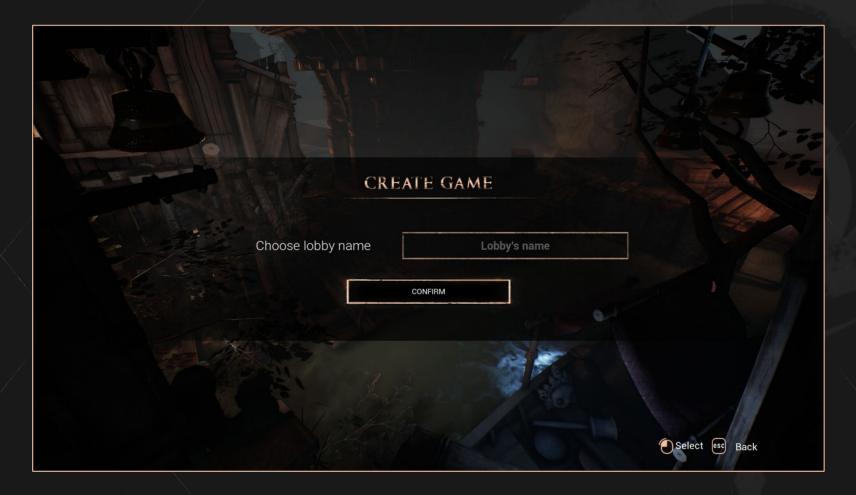




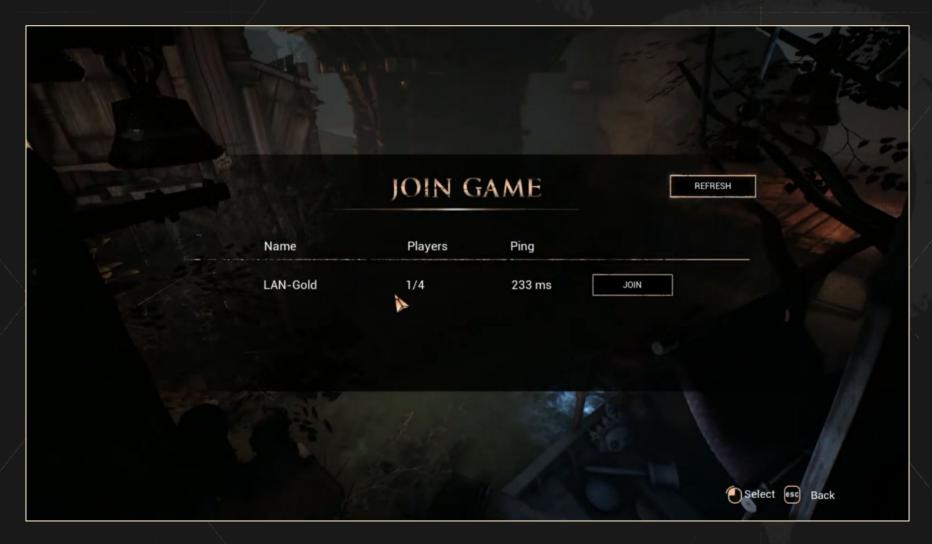


Players will be able to play 4 in versus via a lobby system.

Once all the players are "ready", the game starts.



The player who creates a lobby will be the host player of the game. Once the lobby is created 3 other players can join it to start a game.



Players who join a lobby will be clients players.

Lobbies are only displayed when a host player has created a lobby and there is still an available spot in it.

LOBBY | Special case



- If the host player leaves the game, other players are redirected to the main menu.
- If a client player leaves the game, the client player is redirected to the main menu and the game continues.



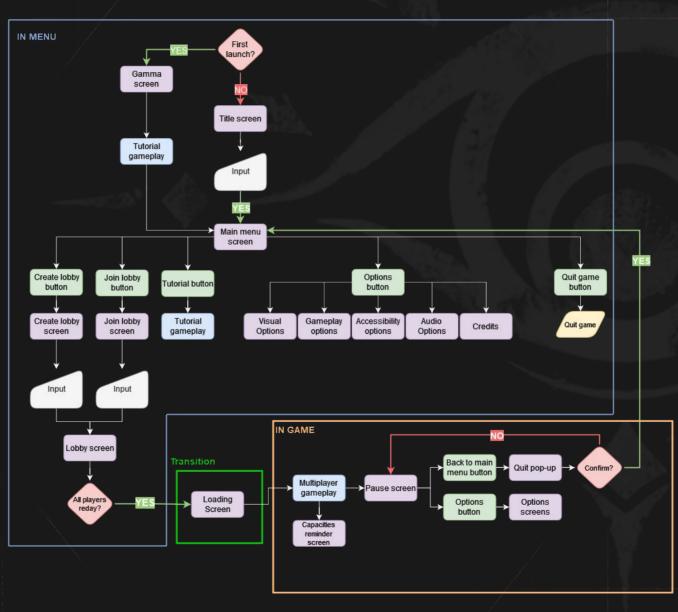


+ FLOWS +

GAME STRUCTURE | Flow chart

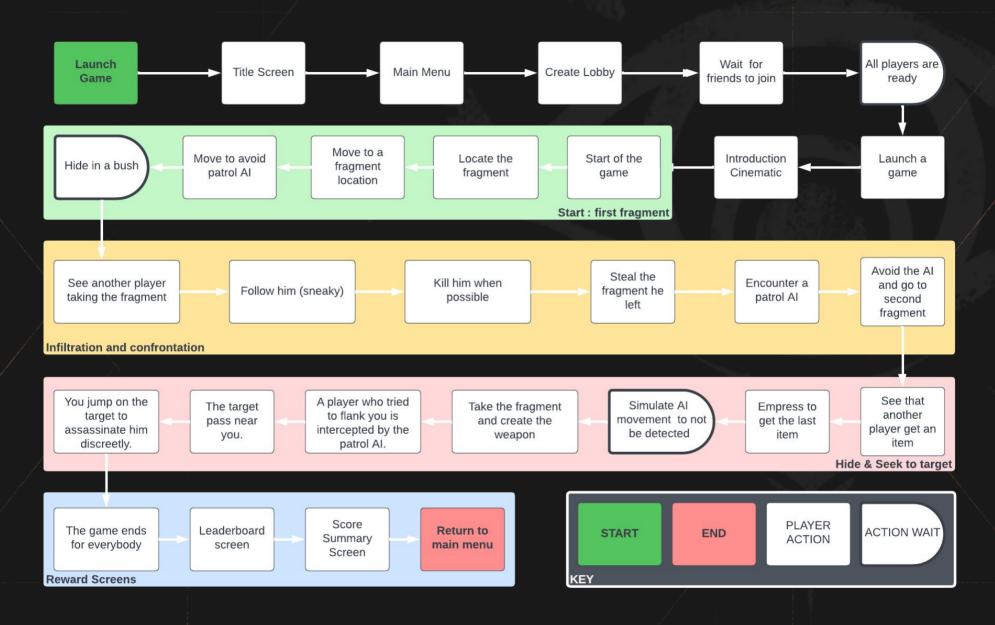






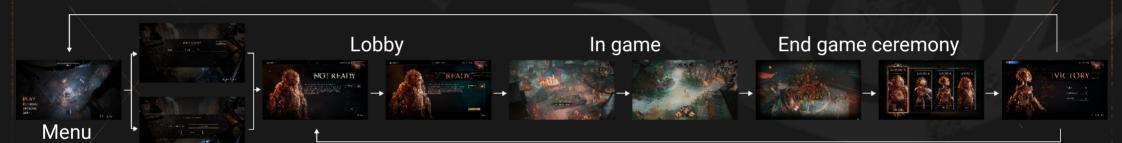
WALKTHROUGH | Flow chart



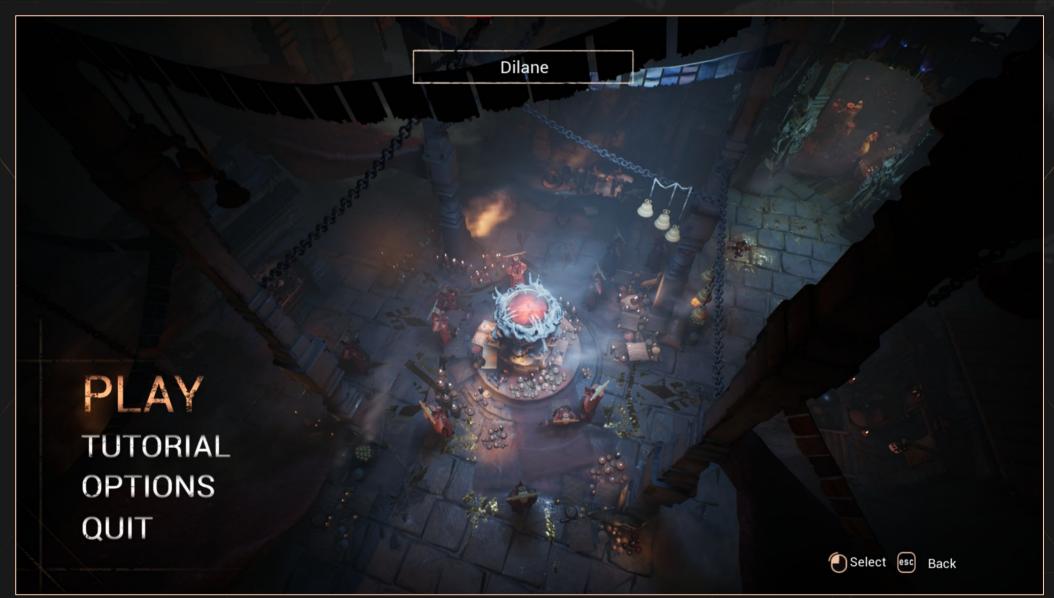


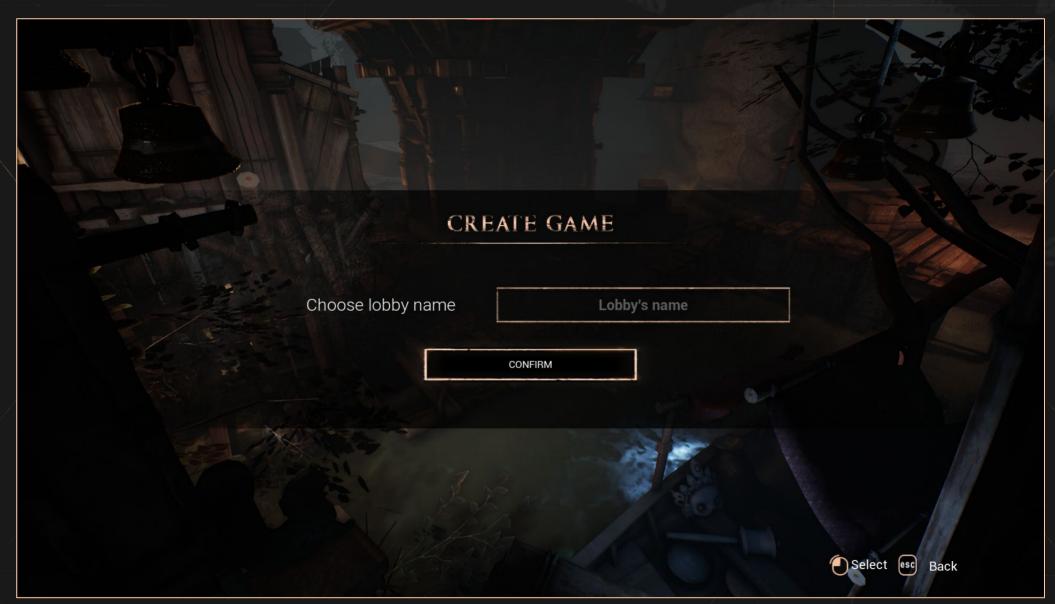
MENUS *





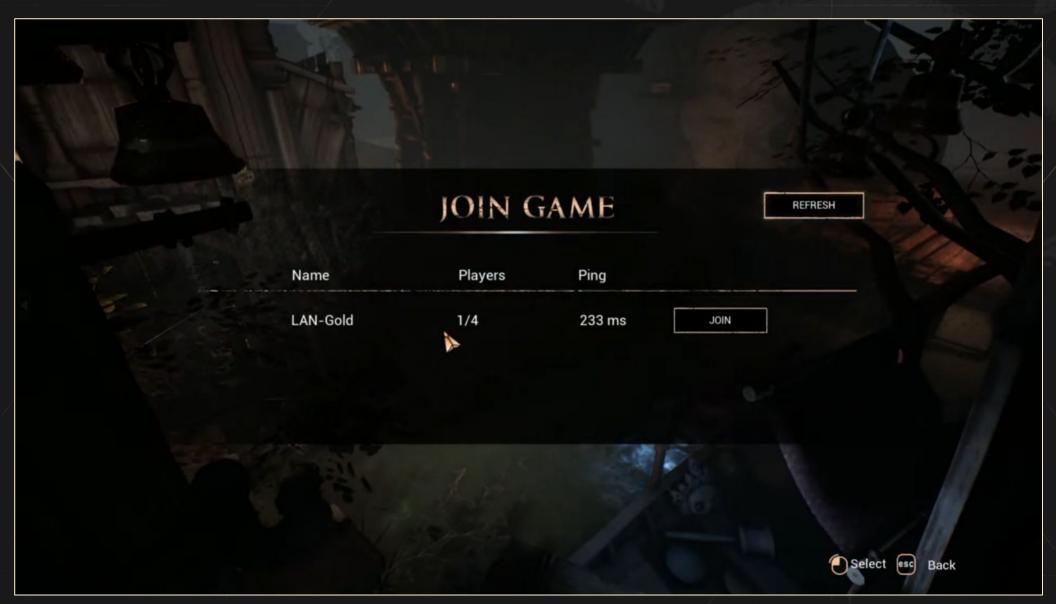
Lobby creation Lobby list





MENUS | Lobby list





MENUS | Lobby

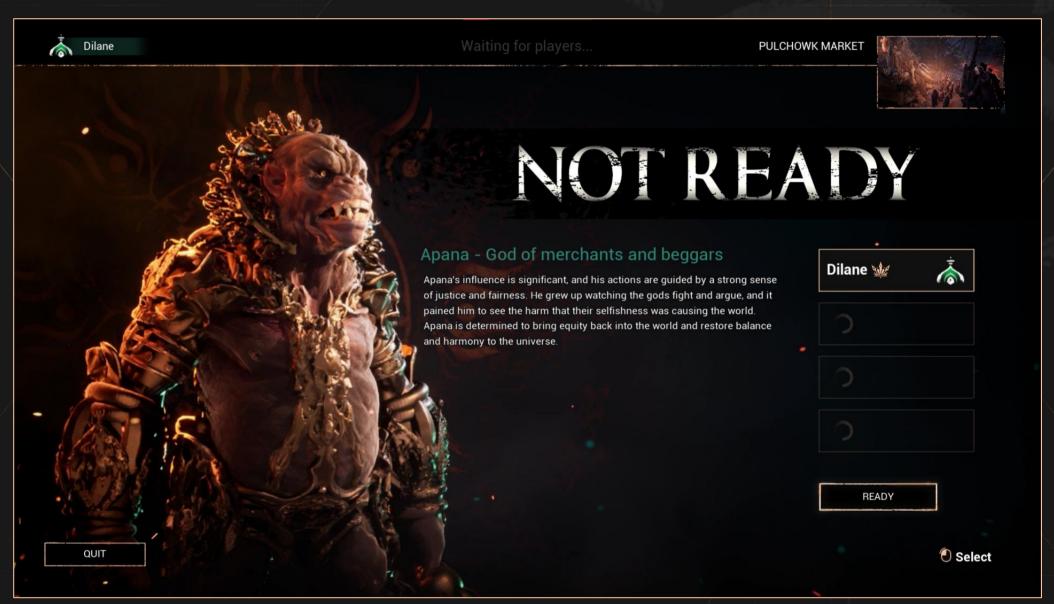




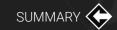
Image captured in game

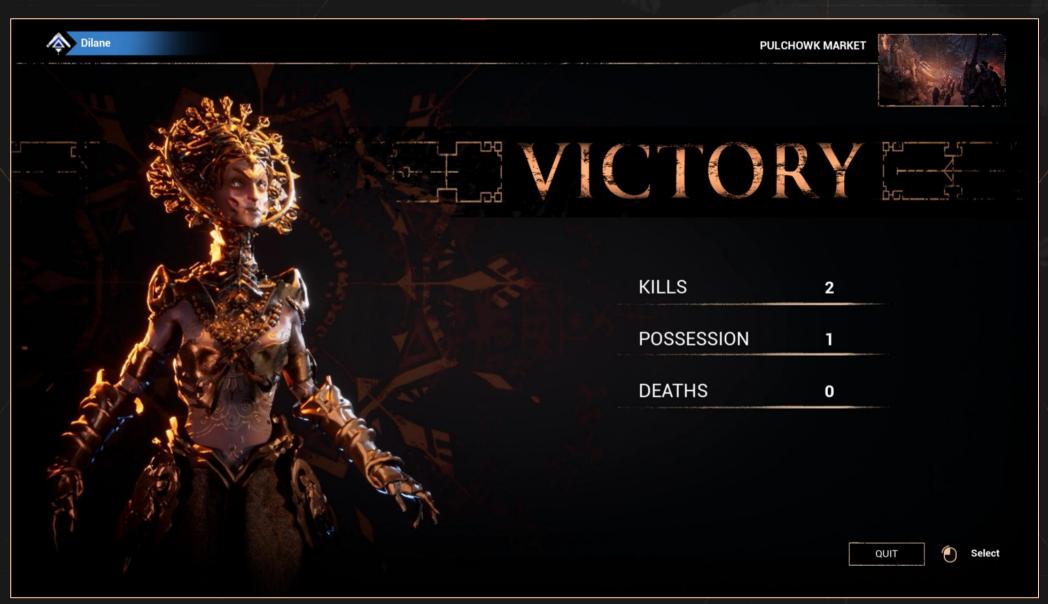
MENUS | End game leaderboard





MENUS | Game statistic





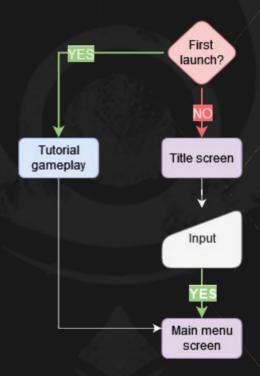
◆ FTUE ◆

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This section of the document describes the FTUE and all the steps in the tutorial.

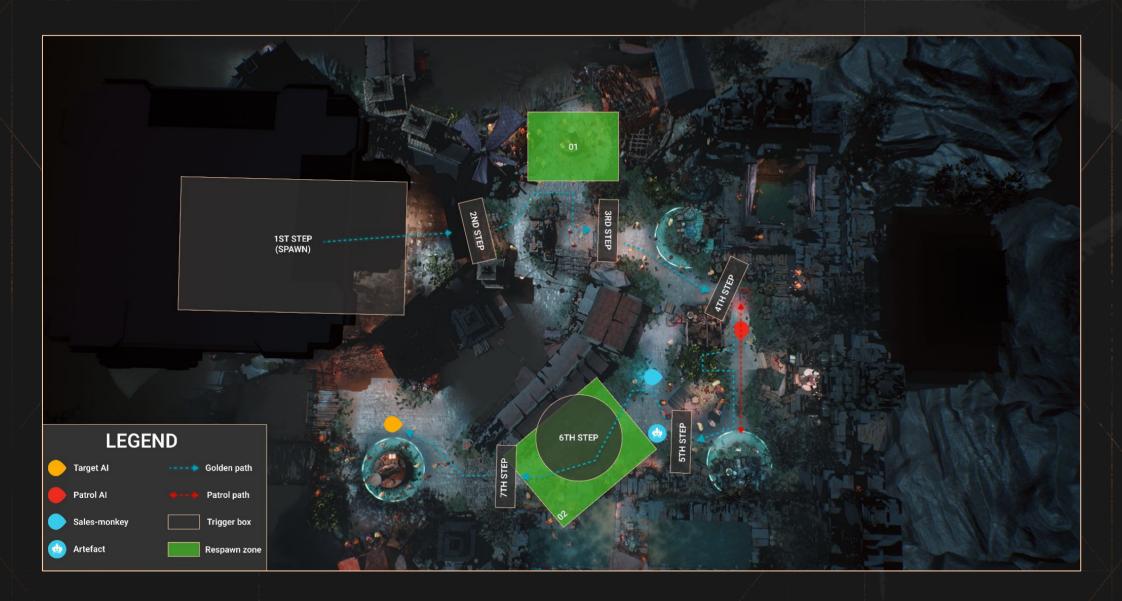
FTUE launches directly at game launch the first time, before players arrive at the title screen.

The following launches, it can be accessed from the main menu via the Tutorial button.



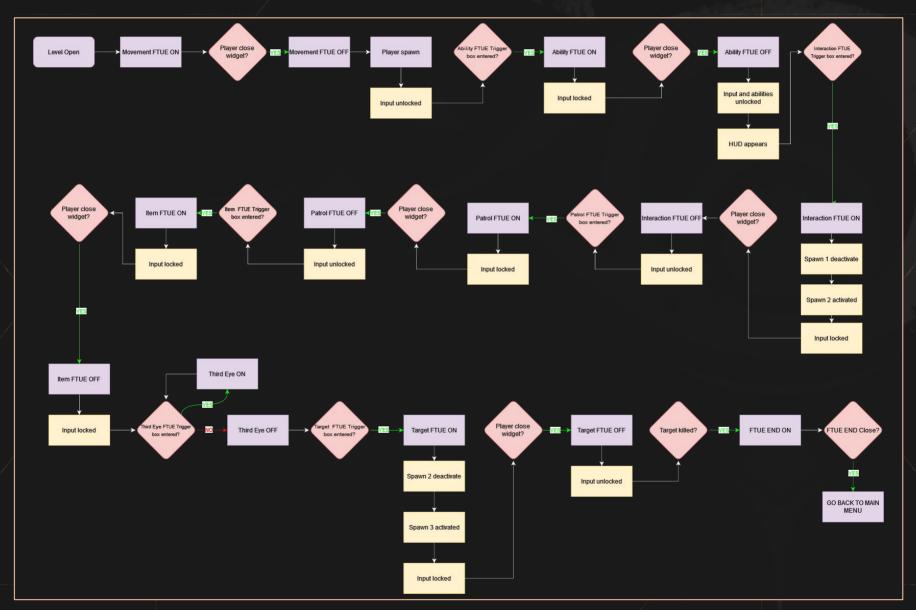
For the tutorial level, we reuse the main level. But we only make a small part of the level available for the player. We contain players inside this zone with a fog that blocks players' movement and camera.





For the tutorial we have multiple technical needs:

- ♦ A fog of war, that block player vision and movement outside the tutorial area
- Ul tutorial panel containing:
 - Video
 - Text
- Possibility to lock/unlock controls
- Possibility to activate/deactivate respawn zone
- Possibility to make the player invincible for a certain time
- A trigger zone to display third eye when player is inside



Link flowchart



On close, players take control of their avatar



Player is invincible when the UI panel is up, controls are blocked On close HUD appears and abilities are given to the player



GAME DESIGN DOCUMENT SIKARIA: A SILENT HUNT



Player is invincible when the UI panel is up, controls are blocked



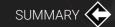


Player is invincible when the UI panel is up, controls are blocked



Player is invincible when the UI panel is up, controls are blocked

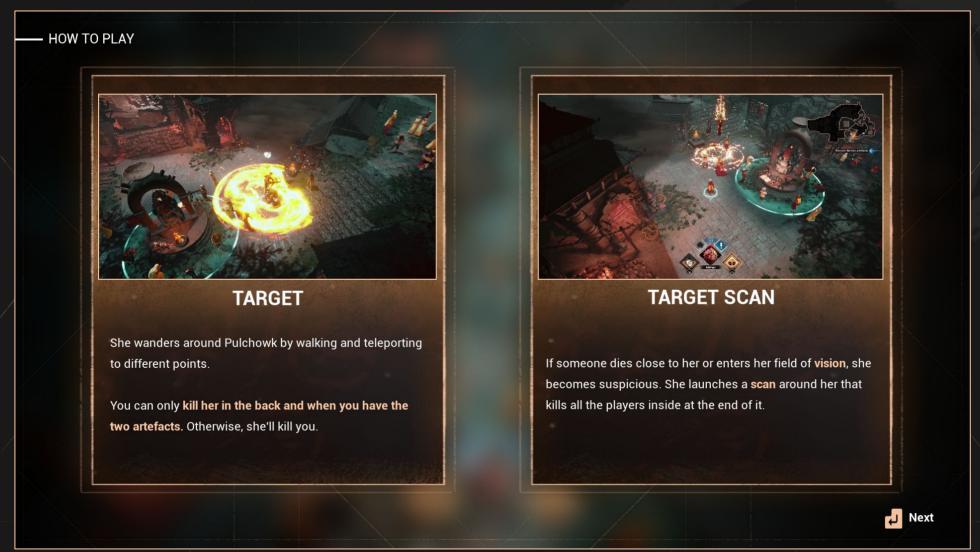




Panel UI stays up while the player is in the trigger box If the player kill the NPC, the UI panel disappear and not triggerable anymore

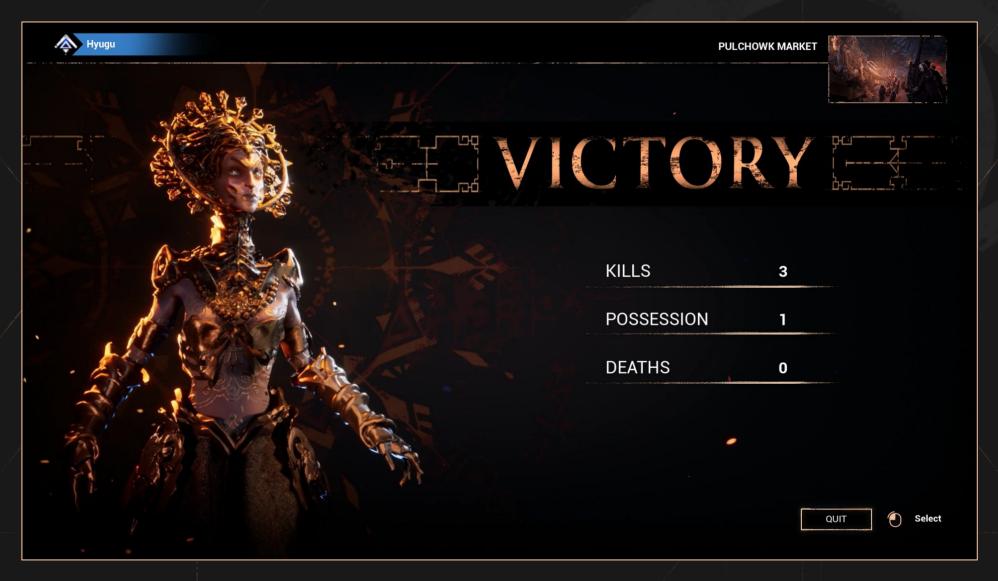


Player is invincible when the UI panel is up, controls are blocked Respawn zone changes to respawn zone 02 on close





When players clicked on Quit button, they go back to the Main menu



HUD

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Image captured in game



On the HUD, players have access to different information about their own gameplay:

- The status of their abilities: available or not, and how to use them (helpers)
- Their artefact stock: if they have a artefact in their possession or not and which one



Players will also have access to information about the other players in the game:

- The state of the players: dead or active
- ◆ Their artefact stock : if they have a artefact in their possession or not and which one

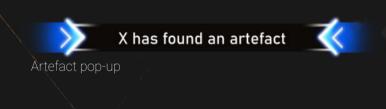


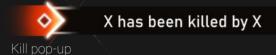
Players can access a panel reminder during the game.

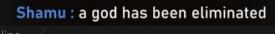












Messages in the form of pop-up banners will appear on the players' HUDs simultaneously during important events in the game:

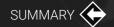
- A player has gathered an artefact
- A player has gathered all artefacts
- A player has been killed by X

In order to facilitate the reading of these events, the pop-ups are tuned to the colorimetry of the HUD:

- Artefacts pop-up in blue
- Kill pop-up in red

Often accompanied by an audio voiceline (and subtitles) to support information gathering and immersion.





Different icons will be visible by players directly in 3D to accompany their gameplay, or give them information:



• Patrols: an icon above the Patrols Als to identify their status (patrol, hunting...).





◆ Third eye: an eye above our own character to warn us if another player is near.





• Interactions: different contextual icons depending on the possible interactions at the moment.





• Monkey: an icon above the Monkey to better identify them in the scenery and understand what artefacts they have (minimap reminder).



◆ Target: an icon above the target to better identify it in the background (minimap reminder).



Gather two artefact

Eliminate the target �—

Players will have access to a minimap, which will be described later, to help them orient themselves in the game and establish a better navigation strategy.

The minimap is accompanied by a text reminding the player of his current objective according to his progress in the game.



The patrols are represented live on the minimap, so you can see where they are and their movements.

The 3 states of the patrols are also visible via a change of their icons, here are the 3 states:



Patrol normal



Patrol alerted



Patrol track



The position of the artefacts is represented on the live minimap in a precise way when they are not on a player (on the ground or on sales-monkeys).

When a artefact is in a player's possession, a zone is represented where it is, which is updated every 3 sec (kind of ping):





Artefact/Item



Artefacts in player's possession



The position of the target is shown live on the minimap.

When the target is doing a TP, its different states are shown as well as the area where it will arrive (shown during the TP loading phase). Once the TP is done, the target info returns to the normal state:



Target



Target loading tp



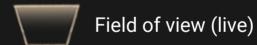
Area of destination



Our position is displayed live on the minimap. The field of view of our camera and its rotation are also displayed live.

When a player (or us), dies, the info of the position of the death appears on the minimap but temporarily (during 10 sec):

player (live)



Player death (temporary)



OPTIONS +

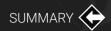
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OPTIONS | Type





OPTIONS | States & description



	<	1920x1080	>
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1		2	
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Input already taken		A	
	1 Input already taken	1	1 2 A

OPTIONS | How to use



Click on the arrow		〈 1920x1080 〉
Click on the black box	1	
Stick off the black box	-2001	2
Click on the box		A

OPTIONS | Categories Visuals



Monitor

V-Sync

Frame rate

Graphic quality

Shadow quality

LOD

Brightness



Language

Hold to run

Camera rotation sensitivity

Camera rotation inversion

Vibration

Camera on minimap



OPTIONS | Categories | Accessibility



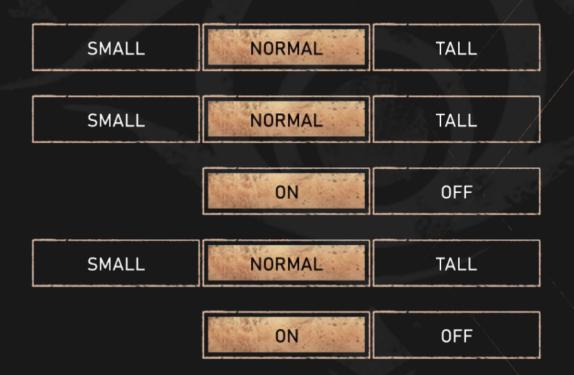
Cursor scale

Third eye scale

Subtitles

Subtitles scale

Camera shake



OPTIONS | Categories Audio



Master

Music

Voicelines

Effects

UI

Ambiances







SOUND DESIGN | Sound list



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1	ASSET JEU	CATEGORIE	NATURE DU SON	DETAILS	NOMIDES ASSETS SONS	NOM DE L'INSTANCE WWISE	RTPC	STATE / SWITCH GROUP : STATE / SWITCH	PROGRESSION SONS	INTEGRATION WMSE	UNREAL		
2			24/20/20	Footsteps Dirt	FOL Footsteps Player Dirt 01	FDL_Footsteps_Player_Dirt		PhysMat : Dirt	TO 00	T0.00	TO DO		
2		100000	Footsteps	Footsteps Rocks	FOL Footsteps Player Rocks 01	FOL Footsteps Player Rocks		PhysMat : Rock	70.00	10.00	T0 00		
4		POLEY	Body Movement	Movement Clothes	FOL Movement Player Clothes 81	FOL Movements Player Clothes			TO:00	70.00	10.00		
5			Climbing Ladder	Player is climbing ladder					10:00	10.00	TO DO		
4								Î	TO:00	10.00	T0-80		
70				Player Running					70.00	70.00	70.00		
	Main Character		Breath	Player Efforts					10.00	70.00	70.00		
				Player's avatar is seen				7	10.00	70.00	70.00		
10		200		Player possesses an other avatar					10.00	70.00	TO DO		
11		VOICE	100000000000000000000000000000000000000	No time left				8	70.00	10.00	70.00		
12			Voice Lines	Player selection					10.00	10.00	10.00		
12				Thinking					70.00	10.00	TO DO:		
14				A player is neaby					10.00	10.00	TO DO		
15									10.00	70.00	TO DO:		
16									70.00	70.00	70.00		
17			*	*				*	TO 00	70.00	70.00		
14	2D AMB Event			Constant Market Ambience				9	TO:00	TD-D0	70.00		
19	2D AMB Event	W. 200-2	NAME OF TAXABLE PARTY.	Wind	3			3	T0 00	10.00	70.00		
92	2D AMB Event	AMB	Ambience	Room tones			Attenuation		70.00	TDIDO	TO-06		
21	2D AMB Event			Spatialized crowd			Attenuation		70-00	10.00	TO BO		
22				100000000000000000000000000000000000000					70.00	10:00	70-00		
22			Button click validation	Button Validation					70.00	70:00	70.00		
24					Button error	Button Error					70.00	70.00	TO DO:
25			Button click hover	Havering over buttons				*	TO:00	70.00	70.00		
26	224-00	u		Player selects an ability				8	TO:00	T0.00	TO DO		
27	Menu		Ul Main Character Abilities	Player is unable to use their ability	3			8	70.00	10.00	70.00		
28				Player Uses Ability					TO:00	TD DO	TO DO:		
29			Ul Pathfinding	Player start pathfinding action					70-00	10.00	TO DO:		
20			Button Click Menu	Button click Menu					TO 00	10.00	TO DO		
31									10.00	70.00	TO DO:		
22			Open Door	Player open a door	SFX Player Door Open				10:00	70.00	TO 00		
- 22			Close Door	Player close a door	SFX Player Door Close				10.00	70.00	70.00		
24			Lock Door	Player lock a door	SFX Player Door Lock			-	70.00	70.00	70.00		
35			Unlack Door	Player unlock a door	SFX Player Door Unloack				TO DO.	10.00	TO 00		
36				Player casts their Ability	SFX Player Use Ability				70.00	70.00	TO DO:		
97				Player Ability Hit Other Player	SFX Ability Hit Player				70-00	10.00	TO BO		
24			Abilities	Player Ability Hit Other Environment	SFX Ability Hit ENV				TO 00	100 DO	70-00		
29				Player Ability Idia/thinking	SFX Ability Idle				70.00	70.00	TO:00		
45	Player Addons SFX	SFX	Objects	Knock down	SFX ENV Knockdown				70:00	70.00	TO DO:		
45			Target Elimination	The player killed the target	SFX Target Death			**	T0-00	70:00	70.00		
42			Stun	Is stunned	SFX Stun Player				T0-00	70.00	TO DO		
42			Stun	Stun Opponent	SFX Stun Opponent			8	70.00	10.00	70.00		
44			Leaving body	Player's avatar is seen	at a same apparate				70.00	10.00	10.00		
44			Possessing body	Player possesses an other avatar					70.00	10.00	70.00		
46			Vent Vent	1 septi processamo si i Ositir svatar					70.00	30.00	TO 00		
e			Trap						70.00	7000	70.00		
47			1fap						10.00	10.00	10000		

Navigable version of the Sound list here

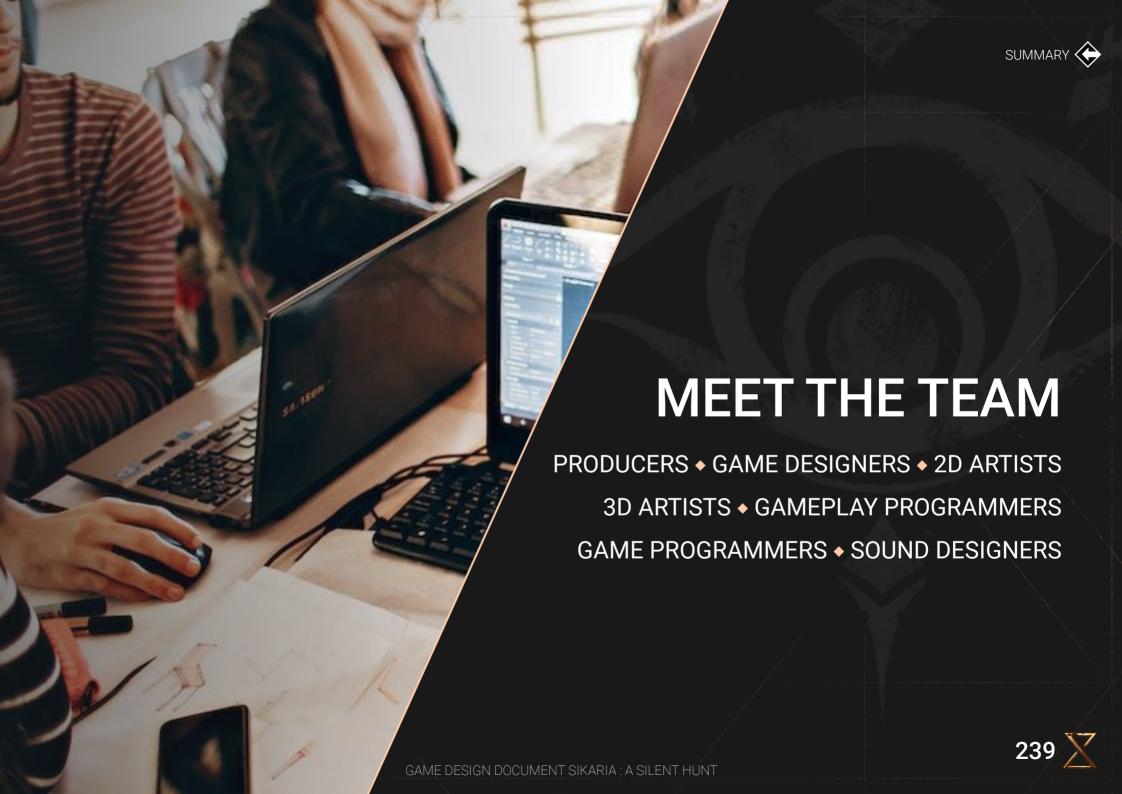
SOUND DESIGN | 236













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Producer



Thomas SOTTILE
Producer

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Game Designer

3C Designer

Al Designer



Anthony LECACHEUR

Game Designer

Level Designer



Dilane PETROVIC

Game Designer





Hugo STREINGER

Game Designer 3C Designer Narrative Designer UX Designer

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Pierre SEIGNE

2D Concept Artist 2D Chara Artist UI Artist Marketing Artist



Marine SERRE

Concept Artist Environment Artist UI Artist Marketing Artist

3D GAME ARTISTS





Marina CRUZ-BISSON

Environment Artist Tech Artist Cinematic Artist



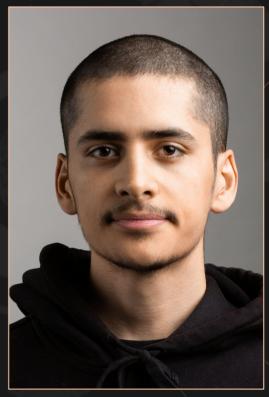
Srijan MAHARJAN

Concept Artist Character Artist Level Artist



Judith PEZZANA

Environment Artist
Tech Artist
Level Artist
Cinematic Artist



Camille ROUSSET

Environment Artist Lighting Artist

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Gameplay Programmer

VFX Artist

Tech Artist



Sébastien GONET
Gameplay Programmer
UI Programmer



Achraf MEZDARI
Gameplay Programmer
UI Programmer

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Game Programmer Gameplay Artist Tech Artist



Thomas DALLARD

Game Programmer Engine Programmer Network Programmer



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Game Programmer Lead Developer

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Eléa LECOQ Sound Designer Composer



Enzo AMBROSINISound Designer

