Firebreath Forest

Alpha Release

Created by Proximity

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Outline

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- Task Progress
- Implementation
- Design and UI
- Future Plans

Task Progress

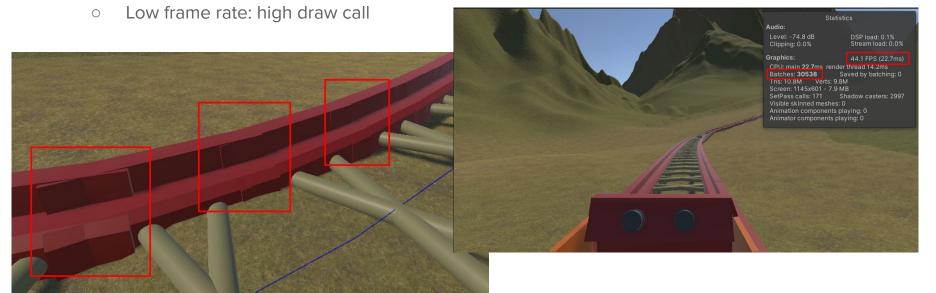
Task Progress

- Excitement Minigame:
 - Scene and game logic done
 - Ul upgraded
 - ToDo: Dragon chasing the player
- Anticipation Minigame:
 - Scene and dragon's behavior done
 - Playtime limited by sunrise
 - ToDo: Test and fine tuning
- Roller Coaster Level (main scene):
 - Scene and terrain design done
 - ToDo: Avoid clip through problem in terrain
 - ToDo: Optimize frame rate

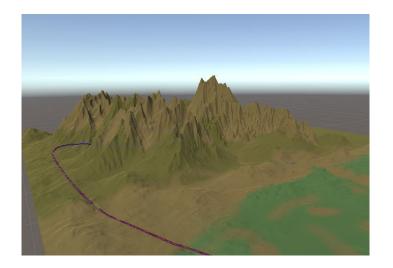
- Excitement Minigame:
 - Randomized Stream of Button Sequences
 - Scaling with increasing difficulty
 - Change in speed depending on success or failure
 - Dictionary used to access assets for requested button inputs
 - o indicator panel highlights current button prompt

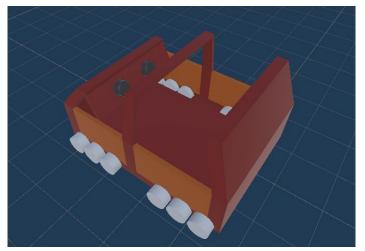
- Anticipation Minigame:
 - Dragon cycles through states: deep, light, disturbed sleep and awake
 - State be influenced by the player making noise
 - Dragon detects player if awake
 - Sunrise to limit the playtime

- Placing railway tracks
 - Last milestone: navigation mesh, go through object piece by piece, spline package
 - Smooth problem: small track pieces



- Terrain design
 - Two parts: mountain and forest
 - Press button to drive in the mini-games





Design and UI

Designs and UIs - Excitement Mini-Game

 We used a built-in method from the spline package to automatically place the tracks into the terrain.

More scenery was added to the mini-game.

The UI was integrated with the level design and its

functionalities.

 A flying dragon follows the player throughout the game.



Designs and Uls - Anticipation Mini-Game

- Initially, the dragon is asleep in the middle of the field. The dragon wakes up according to a sleeping pattern to check the field.
- If the player is allocated, they will die and the scene restarts. If not allocated, the game continues and the player collects more gold. The dragon goes back to sleep.
- The mini-game starts with gloomy dark lighting and gradually becomes brighter, which makes it harder for the player to hide and easier for the dragon to locate them.
- Post-processing will be used in the next milestone to make the gold piles shine in the forest, making them easier to identify for the player.





Designs and Uls - Ul

 A start scene was added, allowing the user to choose between starting the game immediately or accessing the options section.

- In the options scene, the user has the following choices:
 - Viewing instructions for each mini-game.
 - Adjusting audio settings (to be implemented in the next milestone).
 - o Quitting the game.

 The UI designs continue to follow the adventure theme chosen at the beginning of the game implementation.





Future Plans

Future Plans

- Frame rate optimization
 - Texture instead of game objects
 - Consolidate tracks in one mesh
 - Optimize level of detail (LOD) system
- Focusing on the emotion
 - Difficulty adaption
 - Fine-tuning

Live Demo

Thank you!

Any questions?