MGame Design Document

Fill up the following document

1. Write the title of your project.

Miner Cat 3

1. What is the goal of the game?

To Complete all the achievements

1. Which are the playing characters of this game?

* Playing characters are the ones who respond to the user based on the input from the user.
* Cars, monkeys, dinos, wizards, etc., are the playing characters in the game.

|  |  |  |
| --- | --- | --- |
| Number | Character Name | What can this character do? |
| 1 | Miner Cat III | Fight zombies and collect ores. |
| 2 |  |  |
| 3 |  |  |
| 4 |  |  |
| 5 |  |  |
| 6 |  |  |
| 7 |  |  |
| 8 |  |  |

1. Which are the Non-Playing Characters of this game?

* Non-Playing characters are the ones that don't have an action or behavior when the user interacts with the game.
* Hurdles, stones, bananas, coins, etc., are non-playing characters in the game.

|  |  |  |
| --- | --- | --- |
| Number | Character Name | What can this character do? |
| 1 | Ores | They can be mined, earning Miner Cat money |
| 2 | Money | Things that can be used to get Miner Cat better pickaxes |
| 3 | Zombies | Things that Miner Cat can fight |
| 4 |  |  |
| 5 |  |  |
| 6 |  |  |
| 7 |  |  |
| 8 |  |  |

Draw your imagination of this game. What does this game look like?

* Draw the game either on your computer or on paper.
* Add images of the game scenes to show each of the playing and non-playing characters at least once.

This game will be 2-dimensional, with a surface layer, where the player spawns on, and an underground level, where all the ores are located. The rocks and ores in the underground level will have varying breaking times, depending on type. Also, in the underground level, there’ll be randomly generated waterfalls and pools that Miner Cat has to swim through. Zombies can also spawn in the underground level and attack Miner Cat. As for the money system, each ore that Miner Cat mines earns him a varying amount of cash, depending on the type of ore. The cash can be spent in the shop, where Miner Cat can purchase better pickaxes and swords. These items have more durability and strength than the original ones. Lastly, Miner Cat has a set amount of hearts, which can be lost through zombie attack or long falls, and if all hearts are gone, Miner Cat respawns back at the surface.

How do you plan to make your game engaging?

The achievements system gives players a goal to work towards.