Developer Diary (G00359748)

GitHub: <https://github.com/G00359748/Mobile-App-4th-year.git>

Game: Speed Runner 3d

Purpose: The aim of the game is for the player to get as much points as possible without colliding with the high lava enemy or to go into the water, as it would end the game for the player.The aim of the player is to go through the coin or diamond which is then destroyed and the player receives 10 points going through the coin and 50 going through the diamond.

The player is a cube that is controlled by the player

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| Item Created | Date Created | Details |
| Assets | 1st November 2020 | First what was done was to choose and make the assets that was going |
| C# Scripts | 4th November 2020 | I made scripts for the player movement and adding score onto the score text |
| Scoreboard | 6th November 2020 | I made a scoreboard using text where I could add the score every time the player would destroy a gold coin and diamond |
| Sound | 10th November 2020 | I put in background music that into the Level1 scene and I planned to use the same music for when I would create the other scenes on the game |
| Game Menu | 14th November 2020 | Created the Game Menu for the game by adding the buttons for the user to choose which of the 3 levels to choose from and I added the instructions and credits scenes as well to the menu |
| Multiple coins on first level and enemy | 18th November 2020 | Produced more coins on level 1 so the player will be able to retrieve a lot of coins so he can score as much as possible |
| 1st Level is completed | 22nd November 2020 | The first level is completed in the game by finishing up on the number of coins, enemies and scoreboard ready for the user to fully play the game |
| 2nd Level has Started | 25th November 2020 | It is the same layout as the first level and it will be the same for the third level as well.There are more enemies in this game as well as more two more diamonds in this scene to make up for there being more enemies |
| 2nd Level has been completed | 27th November 2020 | The 2nd level has been completed with all the extra enemies, diamonds and the background music.The background music is the same all through the levels |
| 3rd Level has started | 30th November 2020 | It is the same layout as the first and second level and it will be the same for the third level as well.There are more enemies in this game as well as more two more diamonds in this scene to make up for there being more enemies.It has the most enemies and diamonds in the game |
| 3rd Level has been completed | 4th December 2020 | The 3rd level has been completed with all the extra enemies, diamonds and the background music.The background music is the same all through the levels |
| Pause Menus Added | 8th December 2020 | Pause Menus were added to the three levels in the game. |
| Test Cases | 12th December 2020 | Test Cases were done on an excel sheet to test the functionality of the game |

Meeting One

In my first meeting with the developer, I suggested a few ideas how I wanted to change the game.I had a few ideas on how to change the game and the developer agreed that if I wanted to make any slight changes, I could ask him and if he was comfortable with the changes I would be able to go through with it.

Meeting Two

In my second meeting that I had with the developer, I had proposed that I would change the player to fit into the theme of the game that I wanted to bring in.The developer was more than happy to listen to my ideas and accepted the changes that I wanted to bring into the game, which led to start implementing the changes to the game.

Meeting Three

In my third meeting that I had with my developer, I showed him a video on what I had done on the project and he was happy to the development that I made with the game and said he would be welcome for me to make more changes.

Player Controls

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| Player movement up and down | Up and down arrows |
| Player movement left and right | Left and right arrows |
| Pause Menu | Press Escape Button |

References

<https://www.youtube.com/watch?v=zc8ac_qUXQY>

<https://www.youtube.com/watch?v=r9uFW8sKEhI>

<https://www.youtube.com/watch?v=JivuXdrIHK0>

<https://www.youtube.com/watch?v=sXQI_0ILEW4&t=14s>

<https://www.youtube.com/watch?v=TAGZxRMloyU>

<https://www.youtube.com/watch?v=D0lx90n0s-4>