

Sprint3 Plan

Product Name: Tetris X

Team Name: Spirit

Sprint 3 due: 7/18/2017

Revision number: 2

Revision date: 7/22/2017

Goal

We are going to use the firebase server to send data back in order to show the online ranking for the users. Also, we want to create several difficulties to enable players to challenge themselves. In addition, we are going to set pause and quit button in order to give the players better gaming experience. Finally, we are going to build a function to go back to the login page and switch to other accounts.

User Stories

1. As a user, I want the database server to send data back in order to show the online ranking for me.

We have to learn the firebase strategies. (1)

We have to apply and use firebase server to send data back and show the ranking. (2)

Total user story: 3 hours

2. As a user, I want to play again after the game is over and be able to select other difficulties.

We have to use unity to code a function to restart the game. (1)

We have to apply several difficulties. (1)

Total user story: 2 hours

3. As a user, I want to pause or quit the game anytime in order to have a better gaming experience.

We have to use unity to build the pause and quit functions. (2)

Total user story: 2hours

4. As a user, I want to go back to the login page and be able to login with other account.

We have to build a function to switch the account. (1)

We have to use the unity to build the login and register page again. (1)

Total user story: 2 hours

Team Role

Jiaming Zhao (Product Owner) (Developer&UI)

Yilin Xu (Developer&UI)

Weiyi Xia (Developer&UI)

Xuanyi Zhang (Developer&UI)

Initial Task Assignment

Team member: Jiaming Zhao

User Story: As a developer, I want to use the firebase server to apply online ranking. Also I will apply several functions like pause, quit, restart and switch account for the game.

Initial Task: Code for the pause and quit buttons and merge the whole program.

Team member: Yilin Xu

User Story: As a developer, I want to use the firebase server to apply online ranking. Also I will apply several functions like pause, quit, restart and switch account for the game.

Initial Task: Code the switching account function and working on the firebase.

Team member: Weiyi Xia

User Story: As a developer, I want to use the firebase server to apply online ranking. Also I will apply several functions like pause, quit, restart and switch account for the game.

Initial Task: Optimize the program, testing the game and merging the documents.

Team member: Xuanyi Zhang

User Story: As a developer, I want to use the firebase server to apply online ranking. Also I will apply several functions like pause, quit, restart and switch account for the game.

Initial Task: Debugging the game and merging the documents.

Burnup Chart

