

Testing

Scenario

Authentication

ID	Test steps	Expected results	Pass/Fail
1	Input new Email and Password and click register	Register user to Firebase Authentication and create account in realtime database	Pass
2	Click Log In	Signs into Firebase Authentication and continues to the start menu scene	Pass
3	Go to scene selection menu	Displays the default "999.9" time value for all levels	Pass
4	Go back and click Log Out	Logs out of Firebase Authentication and goes back to User scene	Pass

Testing

Scenario

Save times and high scores

ID	Test steps	Expected results	Pass/Fail
1	Log in and go to the scene selection menu. Select level 0	Transfers to Level0 scene	Pass
2	Finish level with time lower than User's current time and current high score	New times saved to the User's account in the database and the new high score and the display name of the high score holder in the	Pass

	for current level	database for that level. Transfer to next scene	
3	Repeat step 2 level for levels 1 to 3	Same results as step 2	Pass
4	When in level 4 finish level	Same results as previous levels except transfer to start menu at the end of the level	Pass
5	Go to scene selection menu	New personal fastest time for current user displayed above level selectors	Pass
6	Go back and go to leaderboard tab	Displays new high scores as well as display name of user who holds the high score based on first 4 letters of their email	Pass
7	Go back and select Quit	Quits application	Pass