

Use Case 1

● Actor -

Male, Age 20, 2nd year CS student

● Scenario -

Begin a new game without the help of others

● Pre-conditions -

Computer provided by university. - Software for the system is pre-installed on computer. - Mouse and keyboard provided.

● Post-conditions -

To have successfully navigated the menu to setup and start playing the game

● Main Success Scenario -

Click on the desktop shortcut to execute the game. - The user is then greeted with a menu containing buttons for:

- Start game
- Exit game
- Options

He proceeds to click the "Start game" button which pushes the player directly into the tutorial of the game.

● Alternative Course of Interaction -

The player has played before and does not need to play through the tutorial. He clicks start game as usual and searches for an option to skip the tutorial. A small popup appears in the corner of the screen which allows him to skip the tutorial and get straight into the game.

● Assumptions -

The user can read English and read simple menus.

Use Case 2

- Actor -

Male, Age 17, not very experienced in technology

- Scenario -

The player should be able to quickly get to grips with the game's controls

- Pre-conditions -

Computer provided by university. - Software for the system is pre-installed on computer. - Mouse and keyboard provided.

- Post-conditions -

To be able to successfully play the game with the mouse and keyboard without the help of others.

- Main Success Scenario -

Begins game and goes through the tutorial. Upon finishing the tutorial, the player should be competent enough to beat the first section of the game without any struggle

He uses the keyboard to move his ship and his mouse to aim his guns to successfully navigate the map and engage in combat

- Alternative Course of Interaction -

The player's keyboard is not fully functional and as such, he struggles to move. The player then goes into the options menu and remaps his keyboard to the working keys.

- Assumptions -

The user is capable of making intuitive decisions such as thinking to check the options menu to alter how the game is configured.

