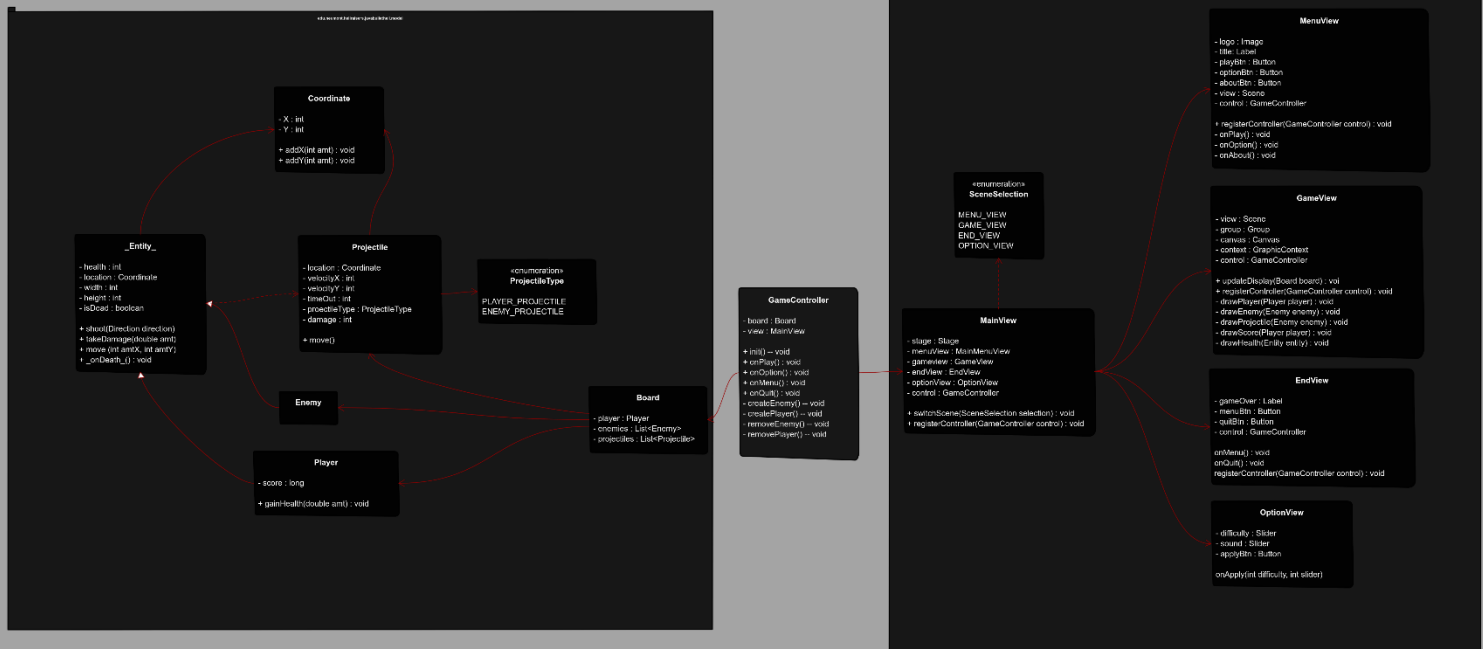


Java Bullet Hell

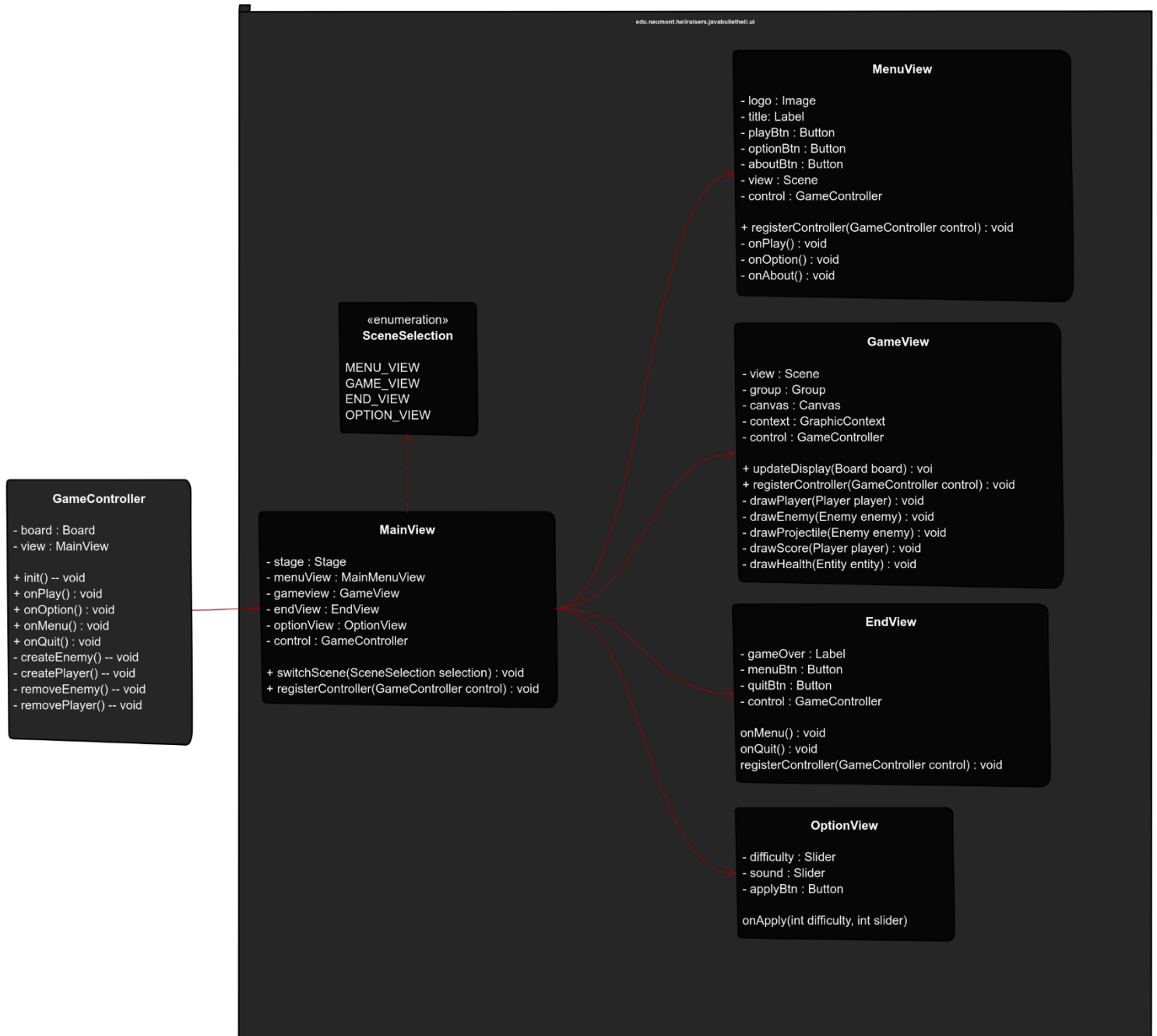
Requirements Map

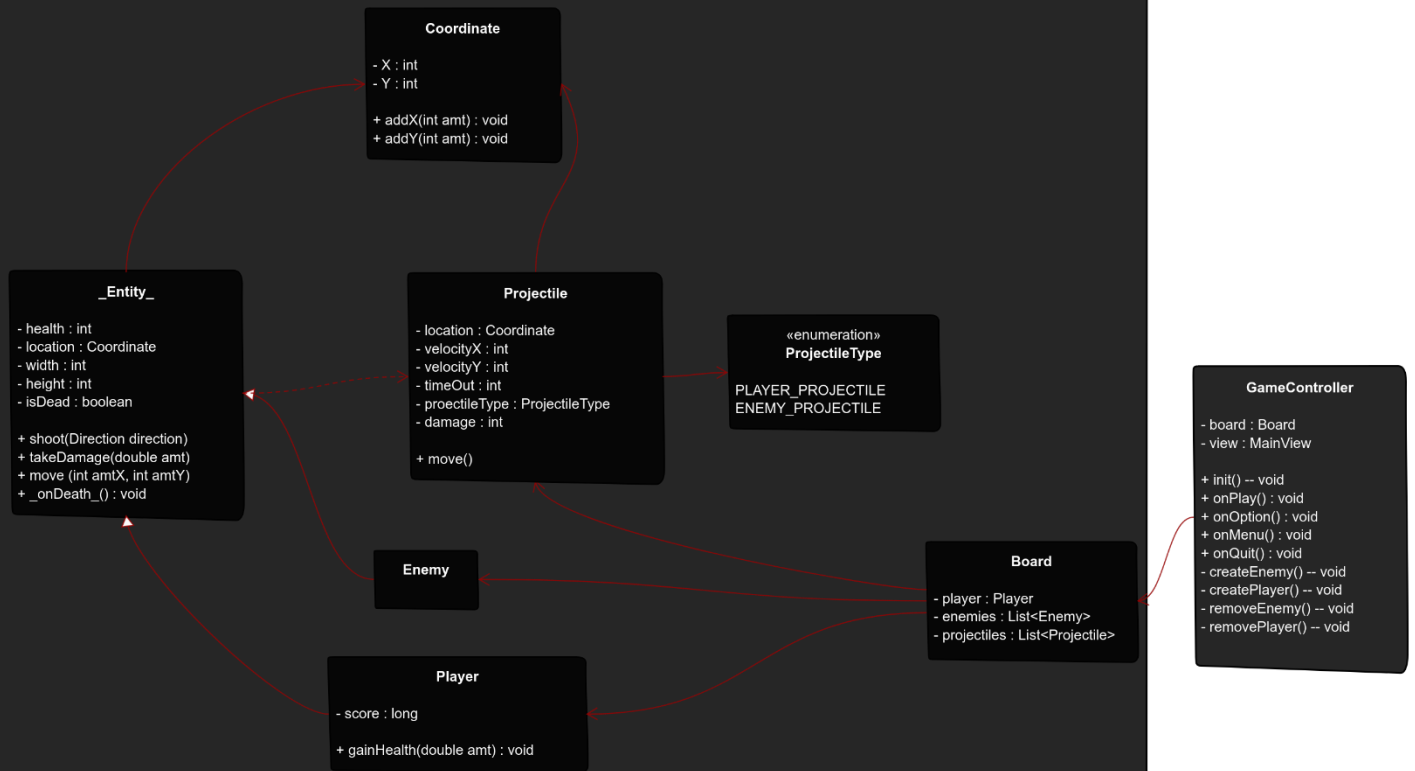
- 1) The user should be able to initiate the game by selecting start
- 2) The user should be able to control the characters movement and look direction
- 3) The user should be able to shoot in the direction in which they are looking
- 4) The user should be able to play as long as they want, so long as they don't die
- 5) The user should be able to quit/restart as often as wanted.

UML



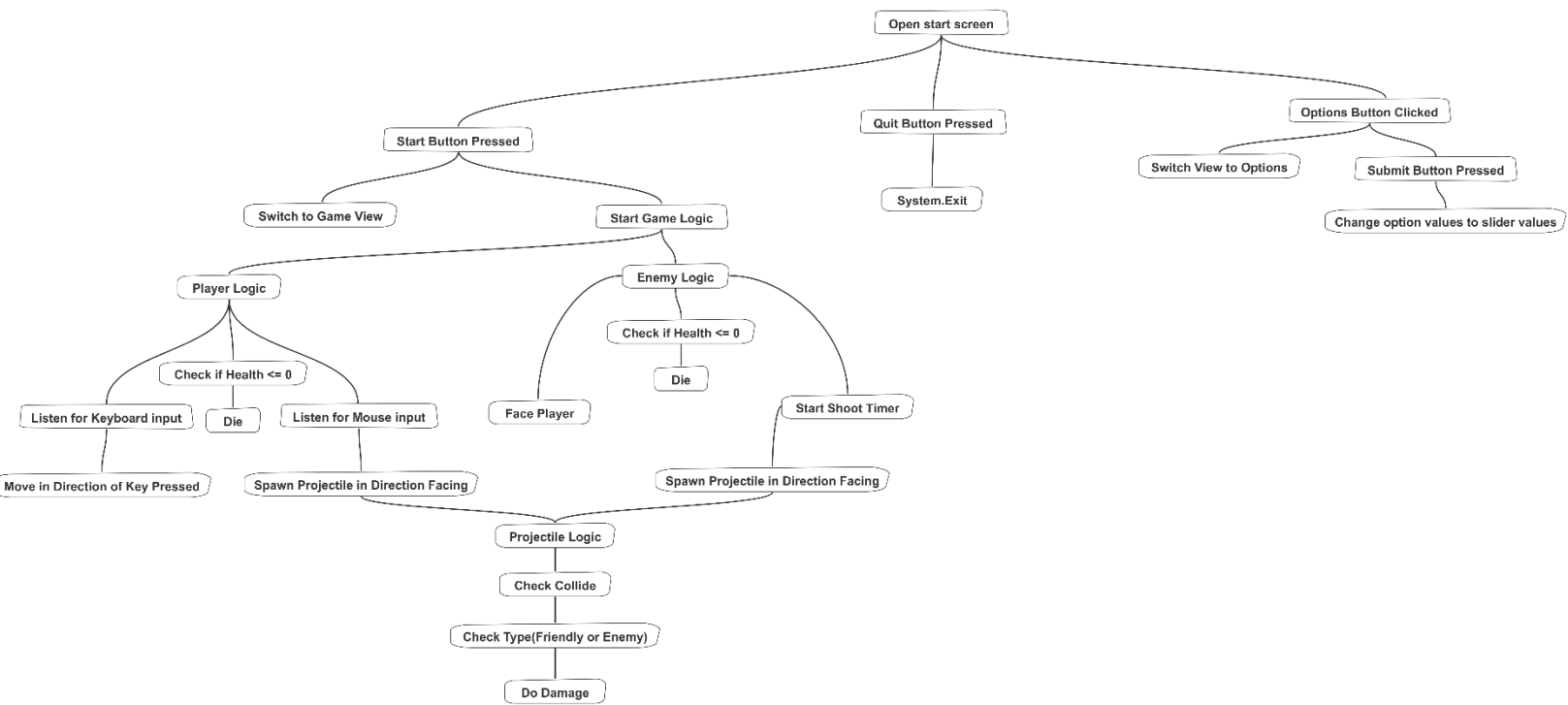
Zoomed out view of the UML

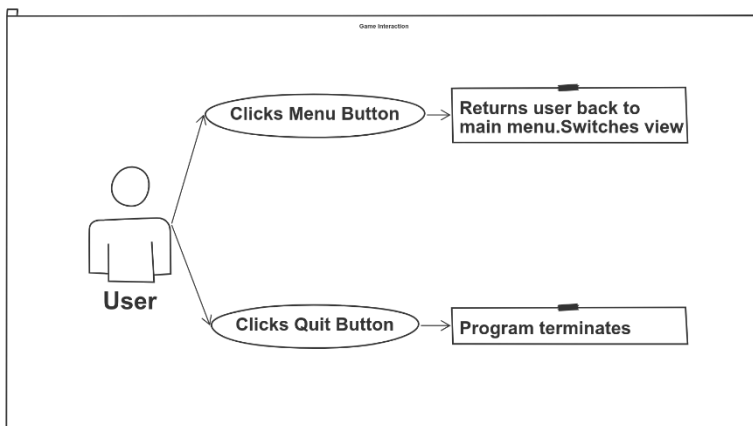
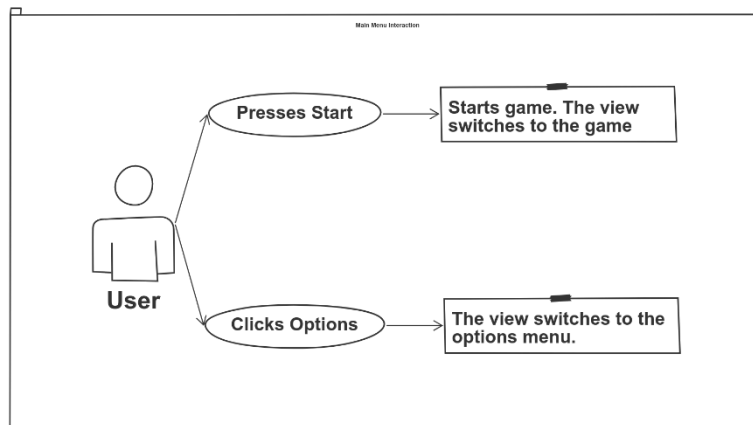
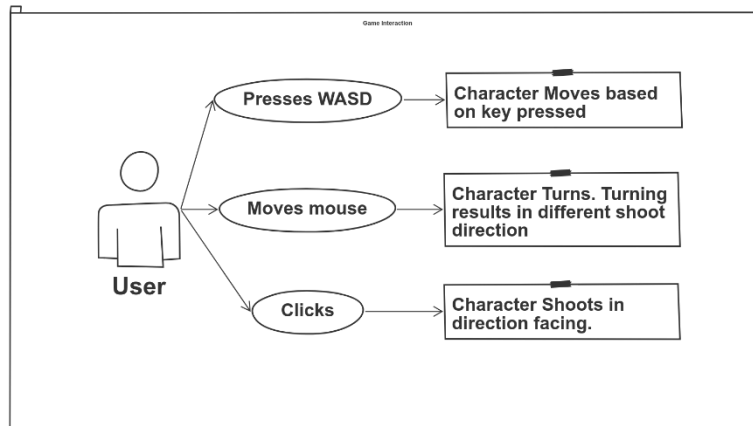




Model UML

Link to the UML: <https://sketchboard.me/ZBsl2u46MMuy#/>

Process Flows



Test Cases

Starting the game

- 1) Open the program
- 2) Left-Click the Start button on the home screen

Result: Program starts game, and switches the view to the game

Playing the game

- 1) Press WASD for movement
 - a) W – Up
 - b) A – Left
 - c) S – Down
 - d) D – Right
- 2) Move the mouse to adjust character facing
 - a) Up – Up
 - b) Left – Left
 - c) Down – Down
 - d) Right – Right
- 3) Left-Click to Shoot

Result: Player is successfully playing the game

Adjusting Options

- 1) Open the program
- 2) Left-Click the Options button on the home screen
- 3) Adjust Sliders by Left-Clicking and dragging to desired values
 - a) Left – Lower
 - b) Right – Higher
- 4) Left-Click the submit button to save option values

Result: Player has successfully adjusted the option values. Option values have been changed.