

# Chess Engine

**<https://github.com/comp195/senior-project-spring-2023-chess-engine-classic-chess-game.git>**

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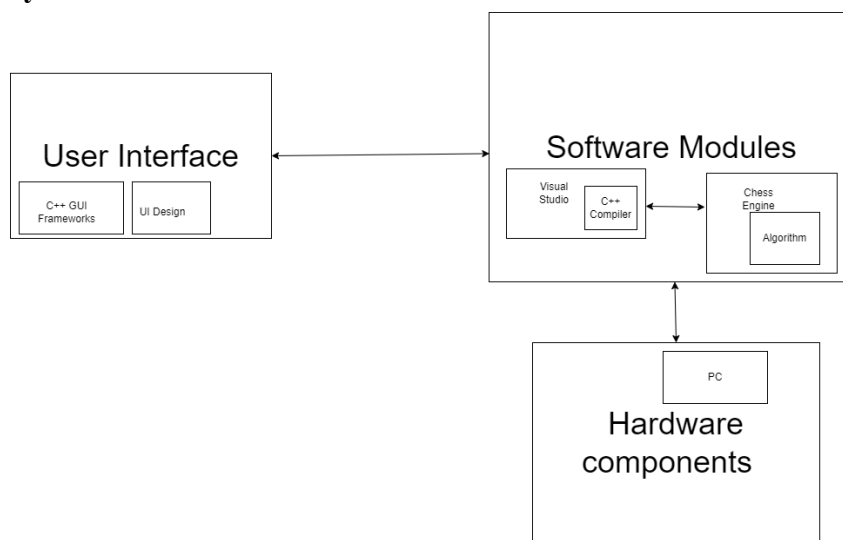
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## Overview

Our goal in this senior design project is to create a single player chess game. This will be split into two different elements. The first element will be the UI of the project, creating a board to move pieces and represent the moves of the player and the moves of the engine. The second element is to create the chess engine itself, which will take into account the state of the board and make decisions accordingly.

## System Architecture

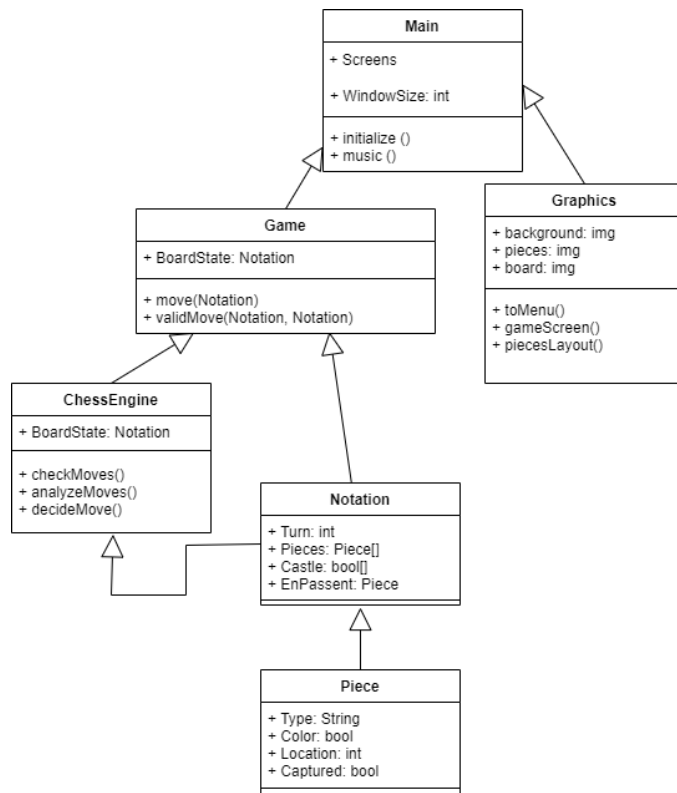


## Hardware, Software and System Requirements

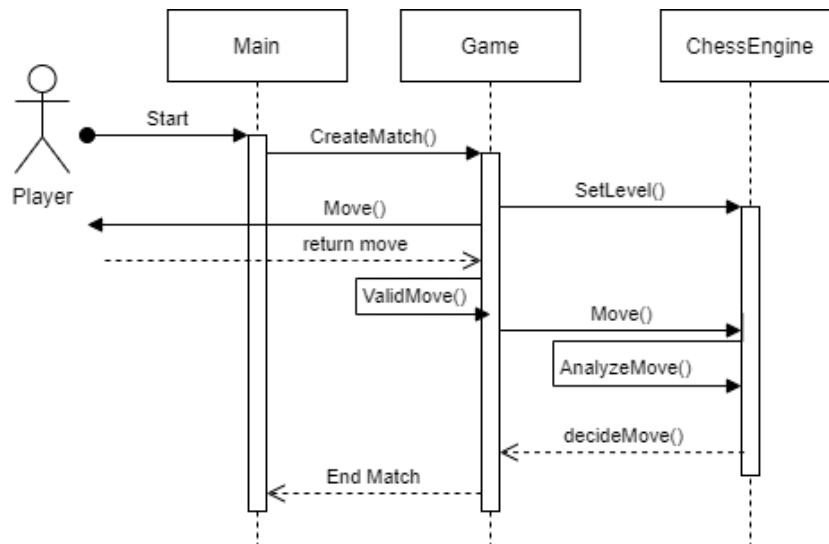
Unknown what other libraries we may need at this point. A pc will be needed to run the program, but it is unknown what system requirements are needed at this time. At this stage, we recommend a newer gen computer, with higher processing power.

## Software Design

### Class Diagram



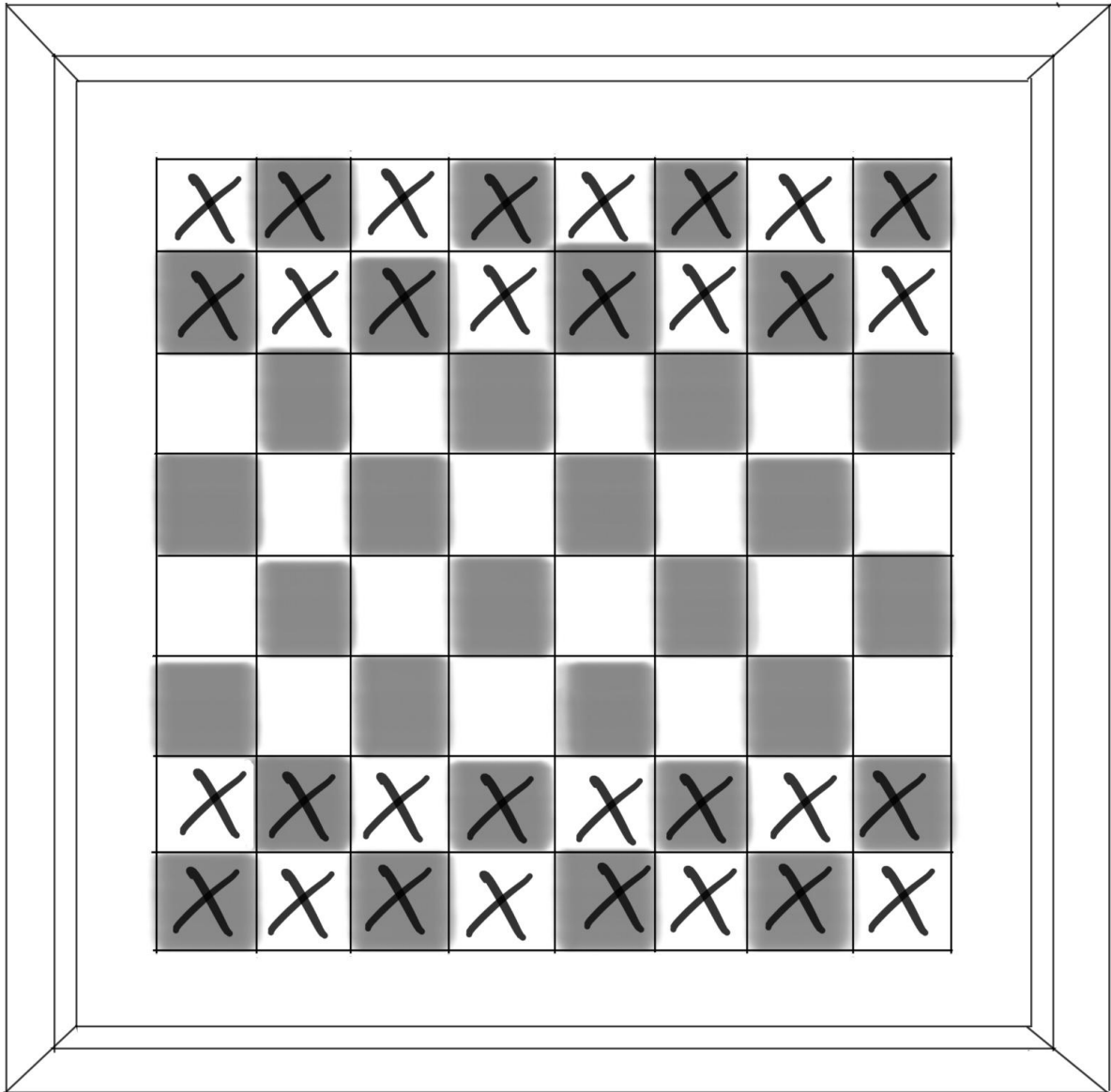
## Interaction Diagrams



## Design Consideration

## User Interface Design

### Wireframe



- Dimensions may change in respect to the software
- Border should appear to look “wooden”
- Options to change board color may be incorporated
- Gold trim will be applied around the board

## **Glossary of Terms**

None at this stage

## **References**

None at this stage