

Release Notes Document

Chess 25

August 23, 2020

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Link to Version control Platform	https://github.com/ChristianPedro/ChessGame-SE181 .git

The final product for SE181 SU19-20 was a multiplayer chess game that allows two players to play against each other from remote locations. The project allows a user to connect to the web app and join a game room. This room will allow players to play chess against each other in real time.

This Project was built on github and steps to run and play the game have been provided in the link attached in the table above. The project requires several modules and dependencies which can be installed by following the steps provided on github.

Version 1.1.1

Enhancement and new features

Ref#	Description
1.0	Server Setup - Created static node server setup on port 5000 for basic landing page
1.1	Movement - Implementation of movement on the board by allowing pieces to move on a click event
1.2	Validation - Pieces are restrained to moving only according to the game rules and piece type.
1.3	Piece Capture - Pieces get removed from the game board when another piece is placed on top of it.
1.4	Opponent attack - A player can remove only the opponent's piece with valid moves.
1.5	Room Creation - Users can enter game code and will be directed to the game room.
1.6	Draw and Forfeit - NOT IMPLEMENTED, a bug in the game's terminating condition remained unresolved.

Bug Fixes

Ref #	Description
1.1	Piece Movement - FIXED, Pieces now move on the users click.
1.2	Piece Capture - FIXED, In developmental stages, the a player could not move over and capture an opponent's piece, thus not allowing players to play against each other
1.3	Move validation (regular moves)- FIXED, Regular moves can move according to their validation rules
1.4	Move validation - NOT FIXED, Pawn special moves have not been implemented in the latest version.
1.5	Turn - NOT FIXED, there is an unresolved bug which doesn't allow player turns to alternate till the game ends.

Severity level of bugs

Bug Ref#	Severity
1.4	Medium - The players can still play the game by taking turns between themselves
1.5	Medium - The game can be played till the end and the players would know the winner even though the game doesn't appear to terminate and declare results.