

ChessMatch	
<ul style="list-style-type: none"> <li>Saves Game State</li> <li>Keeps track of whose turn it is</li> </ul>	<ul style="list-style-type: none"> <li>ChessBoard</li> <li>User</li> </ul>
User	
<ul style="list-style-type: none"> <li>Creates matches</li> <li>Moves pieces</li> </ul>	<ul style="list-style-type: none"> <li>ChessMatch</li> </ul>
ChessPiece	
<ul style="list-style-type: none"> <li>Contains Chess Piece type</li> <li>Contains Color</li> <li>Contains position</li> <li>Contains whether it is alive/dead</li> </ul>	<ul style="list-style-type: none"> <li>ChessBoard</li> <li>Rook</li> <li>Bishop</li> <li>Knight</li> <li>Queen</li> <li>King</li> <li>Pawn</li> <li>Portal</li> </ul>
Rook	
<ul style="list-style-type: none"> <li>Extends ChessPiece</li> <li>Checks is movement is legal</li> <li>Updates position</li> </ul>	<ul style="list-style-type: none"> <li>ChessPiece</li> <li>Portal</li> </ul>
Bishop	
<ul style="list-style-type: none"> <li>Extends ChessPiece</li> <li>Checks is movement is legal</li> <li>Updates position</li> </ul>	<ul style="list-style-type: none"> <li>ChessPiece</li> <li>Portal</li> </ul>
Knight	
<ul style="list-style-type: none"> <li>Extends ChessPiece</li> <li>Checks is movement is legal</li> <li>Updates position</li> </ul>	<ul style="list-style-type: none"> <li>ChessPiece</li> <li>Portal</li> </ul>
Pawn	
<ul style="list-style-type: none"> <li>Extends ChessPiece</li> <li>Checks is movement is legal</li> <li>Updates position</li> <li>Promotion cast pawn to another piece</li> </ul>	<ul style="list-style-type: none"> <li>ChessPiece</li> <li>Rook</li> <li>Bishop</li> <li>Knight</li> <li>Queen</li> <li>Portal</li> </ul>
Queen	
<ul style="list-style-type: none"> <li>Extends ChessPiece</li> <li>Checks is movement is legal</li> <li>Updates position</li> </ul>	<ul style="list-style-type: none"> <li>ChessPiece</li> <li>Portal</li> </ul>
King	
<ul style="list-style-type: none"> <li>Extends ChessPiece</li> <li>Checks is movement is legal</li> <li>Updates position</li> <li>Keeps track of check</li> <li>Checks if checkmate</li> </ul>	<ul style="list-style-type: none"> <li>ChessPiece</li> <li>Portal</li> </ul>
Portal	
<ul style="list-style-type: none"> <li>Extends ChessPiece</li> <li>Checks if movement is legal</li> </ul>	<ul style="list-style-type: none"> <li>ChessPiece</li> <li>Rook</li> <li>Bishop</li> <li>Knight</li> <li>Queen</li> <li>Pawn</li> </ul>
ChessBoard	
<ul style="list-style-type: none"> <li>Populates Chess pieces</li> </ul>	<ul style="list-style-type: none"> <li>ChessPiece and subclasses</li> </ul>

QueryBuilder	
<ul style="list-style-type: none"> <li>Makes queries into the database</li> </ul>	<ul style="list-style-type: none"> <li>Connection</li> </ul>
RequestData	
<ul style="list-style-type: none"> <li>Keeps track of request type</li> <li>Keeps track of request version</li> <li>Requests/collects data from database</li> </ul>	<ul style="list-style-type: none"> <li>QueryBuilder</li> </ul>
ChangePassword	
<ul style="list-style-type: none"> <li>Updates user password</li> </ul>	<ul style="list-style-type: none"> <li>QueryBuilder</li> <li>RequestData</li> </ul>
CheckMessages	
<ul style="list-style-type: none"> <li>Checks if the user has any messages</li> </ul>	<ul style="list-style-type: none"> <li>QueryBuilder</li> <li>RequestData</li> </ul>
Concede	
<ul style="list-style-type: none"> <li>Ends the game</li> <li>Removes the game from the database</li> <li>Updates user on whether they won or not</li> </ul>	<ul style="list-style-type: none"> <li>QueryBuilder</li> <li>RequestData</li> </ul>
CurrentMatches	
<ul style="list-style-type: none"> <li>Retrieves all the current matches a user is playing</li> </ul>	<ul style="list-style-type: none"> <li>QueryBuilder</li> <li>RequestData</li> </ul>
DeleteMessage	
<ul style="list-style-type: none"> <li>Removes a message sent from another user</li> </ul>	<ul style="list-style-type: none"> <li>QueryBuilder</li> <li>RequestData</li> </ul>
FetchGame	
<ul style="list-style-type: none"> <li>Retrieves the game state between to users</li> <li>Retrieves which color has the next turn in the match</li> </ul>	<ul style="list-style-type: none"> <li>QueryBuilder</li> <li>RequestData</li> </ul>
GetAllMessages	
<ul style="list-style-type: none"> <li>Retrieves all the messages a user has</li> </ul>	<ul style="list-style-type: none"> <li>QueryBuilder</li> <li>RequestData</li> </ul>

GetMessage	
<ul style="list-style-type: none"> <li>Retrieves a single message for the user</li> </ul>	<ul style="list-style-type: none"> <li>QueryBuilder</li> <li>RequestData</li> </ul>
Login	
<ul style="list-style-type: none"> <li>Checks if the username and password have been registered with the database</li> </ul>	<ul style="list-style-type: none"> <li>QueryBuilder</li> <li>RequestData</li> </ul>
MatchRequest	
<ul style="list-style-type: none"> <li>Creates a match invitation</li> <li>Adds the invitation to user database</li> </ul>	<ul style="list-style-type: none"> <li>QueryBuilder</li> <li>RequestData</li> </ul>
Move	
<ul style="list-style-type: none"> <li>Checks if a move is valid</li> <li>Makes a valid move</li> <li>Updates the board with new move</li> </ul>	<ul style="list-style-type: none"> <li>QueryBuilder</li> <li>RequestData</li> <li>ChessBoard</li> </ul>
NewChessMatch	
<ul style="list-style-type: none"> <li>Creates a new chess match</li> <li>Removes the invitation to create the match</li> </ul>	<ul style="list-style-type: none"> <li>QueryBuilder</li> <li>RequestData</li> <li>ChessBoard</li> </ul>
NewUser	
<ul style="list-style-type: none"> <li>Checks if a registering user has unique email and username</li> <li>Creates a new user in the database</li> </ul>	<ul style="list-style-type: none"> <li>QueryBuilder</li> <li>RequestData</li> </ul>
Reject	
<ul style="list-style-type: none"> <li>Updates a message to show it was rejected</li> </ul>	<ul style="list-style-type: none"> <li>QueryBuilder</li> <li>RequestData</li> </ul>
Unregister	
<ul style="list-style-type: none"> <li>Removes a user from the database</li> </ul>	<ul style="list-style-type: none"> <li>QueryBuilder</li> <li>RequestData</li> </ul>
UserData	
<ul style="list-style-type: none"> <li>Retrieves the wins and losses of a user</li> <li>Retrieves the email and password of a user</li> </ul>	<ul style="list-style-type: none"> <li>QueryBuilder</li> <li>RequestData</li> </ul>