

Platform	
<b>Responsibilities</b> <ul style="list-style-type: none"> <li>• Is navigable by the user</li> <li>• Create games</li> <li>• Allows the user to play a game</li> <li>• Allows user registration/deregistration</li> <li>• User is able to view profiles</li> </ul>	<b>Collaborators</b> <ul style="list-style-type: none"> <li>• Game</li> <li>• User</li> <li>• Profile</li> </ul>

Game	
<b>Responsibilities</b> <ul style="list-style-type: none"> <li>• <i>Has</i> moves, turn, gameEnded</li> <li>• Show game results screen on end</li> <li>• Creates a GameRecord when the game ends</li> </ul>	<b>Collaborators</b> <ul style="list-style-type: none"> <li>• ChessBoard</li> <li>• User</li> <li>• GameRecord</li> <li>• Rules</li> </ul>

ChessBoard	
<b>Responsibilities</b> <ul style="list-style-type: none"> <li>• <i>Has</i> ChessPiece[8][8]</li> <li>• Create the board with pieces at the initial location.</li> <li>• Updates the board state on successful moves.</li> </ul>	<b>Collaborators</b> <ul style="list-style-type: none"> <li>• ChessPiece</li> </ul>

ChessPiece	
<b>Responsibilities</b> <ul style="list-style-type: none"> <li>• <i>Has</i> color and position</li> <li>• Gets a list of legal moves based on the board state</li> </ul>	<b>Collaborators</b> <ul style="list-style-type: none"> <li>• ChessBoard</li> </ul>

Rules	
<b>Responsibilities</b> <ul style="list-style-type: none"> <li>• See if a game has ended by looking at board state</li> </ul>	<b>Collaborators</b> <ul style="list-style-type: none"> <li>• ChessBoard</li> </ul>

Pawn	
<b>Responsibilities</b> <ul style="list-style-type: none"> <li>• Permit or Deny a Pawn move request</li> </ul>	<b>Collaborators</b> <ul style="list-style-type: none"> <li>• ChessPiece</li> </ul>
Knight	
<b>Responsibilities</b> <ul style="list-style-type: none"> <li>• Permit or Deny a Knight move request</li> </ul>	<b>Collaborators</b> <ul style="list-style-type: none"> <li>• ChessPiece</li> </ul>
Rook	
<b>Responsibilities</b> <ul style="list-style-type: none"> <li>• Permit or Deny a Rook move request</li> </ul>	<b>Collaborators</b> <ul style="list-style-type: none"> <li>• ChessPiece</li> </ul>
Bishop	
<b>Responsibilities</b> <ul style="list-style-type: none"> <li>• Permit or Deny a Bishop move request</li> </ul>	<b>Collaborators</b> <ul style="list-style-type: none"> <li>• ChessPiece</li> </ul>
Queen	
<b>Responsibilities</b> <ul style="list-style-type: none"> <li>• Permit or Deny a Kwen move request</li> </ul>	<b>Collaborators</b> <ul style="list-style-type: none"> <li>• ChessPiece</li> </ul>
King	
<b>Responsibilities</b> <ul style="list-style-type: none"> <li>• Permit or Deny a King move request</li> </ul>	<b>Collaborators</b> <ul style="list-style-type: none"> <li>• ChessPiece</li> </ul>
User	
<b>Responsibilities</b> <ul style="list-style-type: none"> <li>• <i>Has</i> nickname, password, email</li> <li>• Allow Login</li> <li>• Allow Logout</li> </ul>	<b>Collaborators</b> <ul style="list-style-type: none"> <li>• Profile</li> </ul>

Profile	
<b>Responsibilities</b> <ul style="list-style-type: none"> <li>• Display user info</li> <li>• Update user info</li> </ul>	<b>Collaborators</b> <ul style="list-style-type: none"> <li>• GameRecord</li> </ul>

GameRecord	
<b>Responsibilities</b> <ul style="list-style-type: none"> <li>• <i>Has</i> a winner, loser, start and end time</li> </ul>	<b>Collaborators</b> <ul style="list-style-type: none"> <li>• N/A</li> </ul>

Notifications	
<b>Responsibilities</b> <ul style="list-style-type: none"> <li>• Creates a website popup alerting the user on the website.</li> <li>• Sends an email alerting the user</li> </ul>	<b>Collaborators</b> <ul style="list-style-type: none"> <li>• Game</li> <li>• Invite</li> </ul>

Invite	
<b>Responsibilities</b> <ul style="list-style-type: none"> <li>• <i>Has</i> accepted, declined, pending, from user, to user</li> </ul>	<b>Collaborators</b> <ul style="list-style-type: none"> <li>• N/A</li> </ul>