

# Domain Model Document



# Chad

## Team WareWolves

A Simple and Elegant game of  
Tactical and Strategic depth

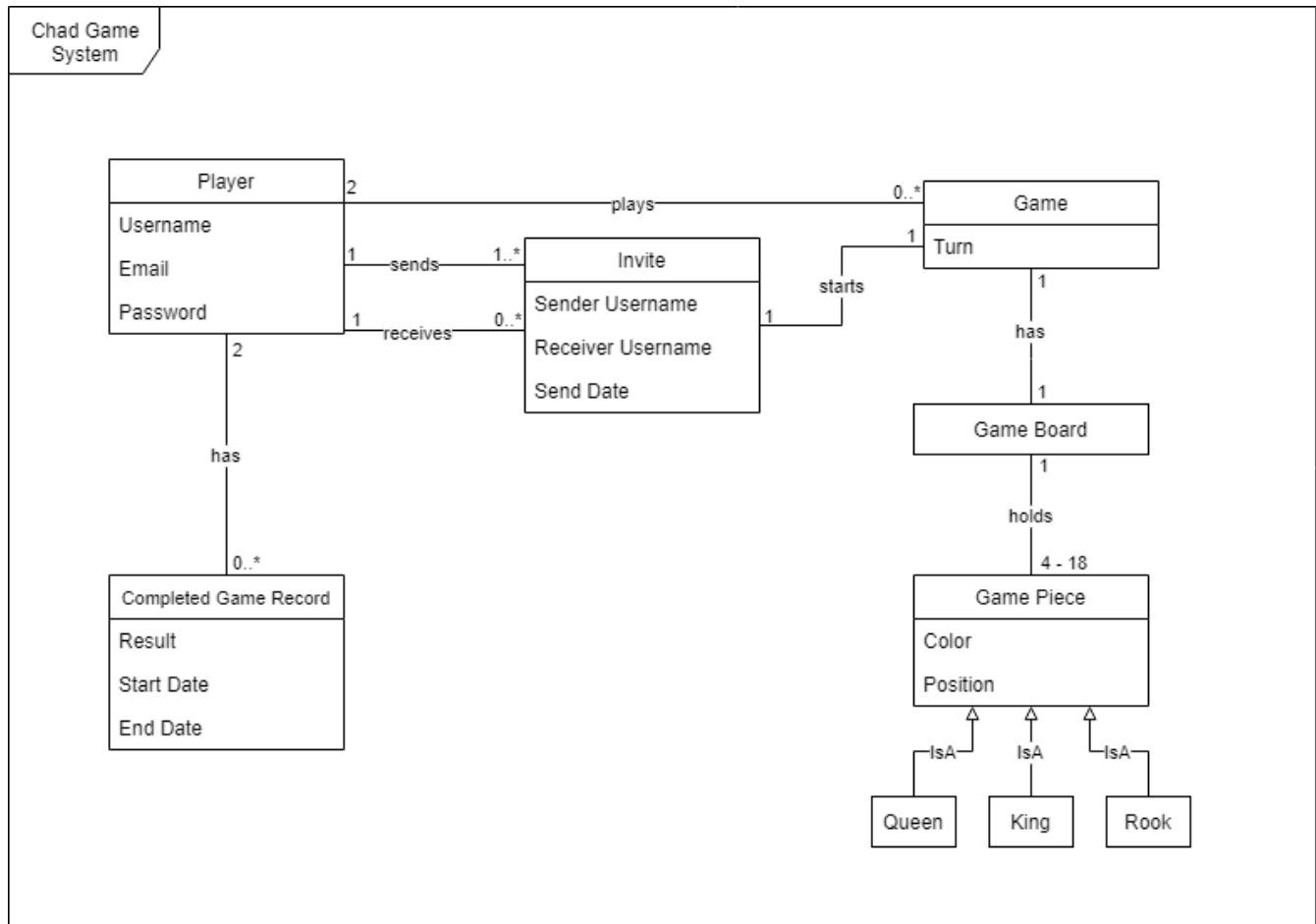


*Ben Goodwin, Joshua Munoz, Josiah May, Luis Rodriguez, Miles Wood*

# Table of Contents

<b>Table of Contents</b>	<b>1</b>
<b>Domain Model Diagram</b>	<b>3</b>
<b>Domain Model Glossary</b>	<b>4</b>
Color	4
Completed Game Record	4
Email	4
End Date	4
Game	4
Game Board	4
Game Piece	4
King	4
Password	4
Player	4
Position	4
Queen	4
Receiver Username	4
Result	4
Rook	5
Send Date	5
Sender Username	5
Start Date	5
Turn	5
Username	5

# Domain Model Diagram



# Domain Model Glossary

Term	Description	Used in
Color	Black or White, representing the Player that a Game Piece belongs to.	Game Piece
Completed Game Record	Record of the ending state of a Game including the Result of the Game, the Start Date of the Game, and the End Date of the Game.	
Email	Email address that a Player registered with.	Player
End Date	When the Game was ended.	Completed Game Record
Game	A collection of the current state of a Game, including which Players are playing, which Player's turn it is, and the Game Board	
Game Board	Holds all the Game Pieces in a Game and their Positions.	
Game Piece	A piece of the game of Chad. Contains the piece's Color and position on the board.	
King	Type of Game Piece. If a Player loses their King they lose the Game.	Is a Game Piece
Password	Password that a Player registered with.	Player
Player	A registered user that plays a game of Chad.	
Position	The coordinate position of a Game Piece on the 12x12 Game board	Game Board, Game Piece
Queen	Strongest type of Game Piece.	Is a Game Piece
Receiver Username	The Username of the Player that received an Invite from another Player.	Invite
Result	The end result of a Game. It could be a win, a lose or a draw.	Completed Game Record

Rook	Type of Game Piece. Can be promoted into a Queen.	Is a Game Piece
Send Date	The date the Invite to a Game was sent	Invite
Sender Username	The Username of the Player that sent the Invite to another Player.	Invite
Start Date	When the Game was started.	Completed Game Record
Turn	Which Player's turn it is to move.	Game
Username	A unique nickname that identifies Players in the System.	Player, Sender Username, Receiver Username