

Invitation	
Responsibilities	Collaborators
<ul style="list-style-type: none"> - Sends invitation to multiple users. - Receives a notification that the invite is sent while waiting for the fate of the invitation. - Receives the Accepted or Rejected notification from the invitee. - Invitee can Accept or Reject an invitation. - Accepted or Rejected Notification is sent to the user who invited. 	<p>UserInvite</p> <p>UserBean</p>

GameManager	
Responsibilities	Collaborators
<ul style="list-style-type: none"> - Creates a game when 2 users are present to play the game. - Updates the status of the board. - Pauses the game when required. - Removes the game when one of the user quits the game. 	<p>BanqiBoard</p>

BanqiBoard	
Responsibilities	Collaborators
<ul style="list-style-type: none"> - Banqi Board is initialized. - Banqi Piece in the given position is returned. - Places the Banqi piece on the destination position - Banqi Pieces are moved according the array list of legal moves. - Exceptions are thrown if the position provided is out of the Banqi board boundaries or if the move is illegal. - Checked if the pieces are facing up or down 	<p>GameManager</p> <p>BanqiPiece</p> <p>User Bean</p> <p>IllegalPositionException</p> <p>IllegalMoveException</p>

BanqiPiece	
Responsibilities	Collaborators
<ul style="list-style-type: none"> - Gets the color of the piece - Sets the position of the piece - The exception is thrown if the position is outside the Banqi board boundaries - Gets the position of the piece 	<p>BanqiBoard</p> <p>IllegalPositionException</p> <p>General</p> <p>Chariot</p> <p>Horse</p> <p>Cannon</p> <p>Advisor</p>

	Minister Soldier
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General	
Responsibilities	Collaborators
<ul style="list-style-type: none"> - Assigns a color. - Stores the legal rules of General in an array list. - The exception is thrown if the move is not legal 	BanqiPeice IllegalMoveException

Chariot	
Responsibilities	Collaborators
<ul style="list-style-type: none"> - Assigns a color. - Stores the legal rules of Chariot in an array list. - The exception is thrown if the move is not legal 	BanqiPeice IllegalMoveException

Horse	
Responsibilities	Collaborators
<ul style="list-style-type: none"> - Assigns a color. 	BanqiPeice

<ul style="list-style-type: none"> - Stores the legal rules of Horse in an array list. - Exception is thrown if the move is not legal 	IllegalMoveException
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Cannon	
Responsibilities	Collaborators
<ul style="list-style-type: none"> - Assigns a color. - Stores the legal rules of Cannon in an array list. - The exception is thrown if the move is not legal 	BanqiPeice IllegalMoveException

Advisor	
Responsibilities	Collaborators
<ul style="list-style-type: none"> - Assigns a color. - Stores the legal rules of Advisor in an array list. - Exception is thrown if the move is not legal 	BanqiPeice IllegalMoveException

Minister	
Responsibilities	Collaborators

<ul style="list-style-type: none"> - Assigns a color. - Stores the legal rules of Minister in an array list. - The exception is thrown if the move is not legal. 	BanqiPeice IllegalMoveException
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Soldier	
Responsibilities	Collaborators
<ul style="list-style-type: none"> - Assigns a color. - Stores the legal rules of Soldier in an array list. - Exception is thrown if the move is not legal 	BanqiPeice IllegalMoveException

GameManager	
Responsibilities	Collaborators
<ul style="list-style-type: none"> - Creates a game. - Fetch game from the database. - Save the state of the game. - Update the board on both the side 	MicroServer BanqiBoard

GameData	
Responsibilities	Collaborators
<ul style="list-style-type: none"> - Save the state of the game to db. - Loads the game from db. - Remove the game from db. 	GameManager History

History	
Responsibilities	Collaborators
<ul style="list-style-type: none"> - Shows the history of the game played with a win and lost status. 	GameManager Gamedata

SignOut	
Responsibilities	Collaborators
<ul style="list-style-type: none"> - Shows the history of game played with win and lost status. 	GameManager. Database.

Unregistration	
Responsibilities	Collaborators
- The User should be able to unregister his/her account.	GameManager Database.