

Diagrams

Component Diagram



Figure 1: Component diagram

Class Diagram

Activity Diagram

UI Mockups

REST Interfaces

Mapping	Method	Parameter	Parameter Type	Status Code	Response	Description
/game	POST	playerIDs: String[]	Body	initiate a new game
/scoreboard/{gameID}	GET	gameID: String	Query	Content Cell	Content Cell	retrieve a list of scores
/players	POST	playerName: String	Content Cell	Content Cell	Content Cell	create a new player
/players/{gameID}	GET	gameID: String	Query	Content Cell	Content Cell	get list of players in a game
/players/{playerID}	GET	userID: long	Query	Content Cell	Content Cell	retrieve a player by ID
/users	POST	userName: String, password: String	Body	Content Cell	Content Cell	register a new user
/users/{userID}	GET	Content Cell	Query	Content Cell	Content Cell	retrieve a user by ID
/login/{userID}	POST	userName: String, password: String	Body	Content Cell	Content Cell	retrieve a user by ID
/logout/{userID}	POST	?	Body	Content Cell	Content Cell	retrieve a user by ID