## Diagrams

#### Component Diagram

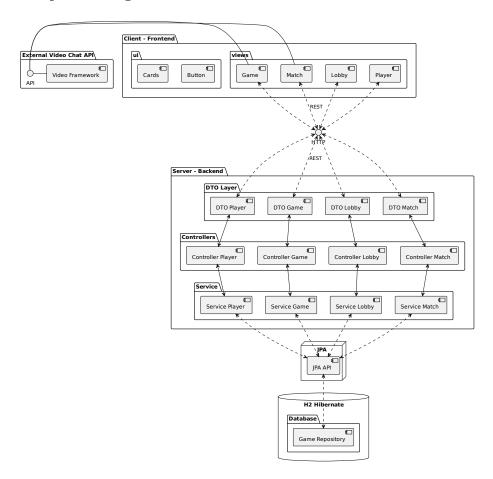


Figure 1: Component diagram

Class Diagram
Activity Diagram
UI Mockups
REST Interfaces
/game endpoint

Mapping	Method	Parameter	Parameter Type	Status Code	Response	Descript
/game	POST	playerIDs: String[]	Body	• • •		initiate
$/game/{gameID}$	PUT	roundsPlayed: int,	Body	• • •		change s

### /players endpoint

Mapping	Method	Parameter	Parameter Type	Status Code	Response	Description
/players	POST	playerName String	e:Body	201409	Playerdupl playerNam	
/players/{g	gaGiETD}	gameID: String	Query	200404	list of usersno such game or no players found	retrieve a list of players in a game
/players/{p	plaGEID}	userID: long	Query	200404	playerplaye not found	er retrieve a player by ID
/players/{p	playeiTD}	currentScor integer	reBody	204404	player not found	change players score during game

# /users endpoint

Mapping	Method	Parameter	Parameter Type	Status Code	Response	Description
/players/{j	plaGETD}	userID: long	Query	200404	playerplaye not found	er retrieve a player by ID
/users	POST	userName: String, password: String	Body		•••	register a new user
/users/{use	er <b>169</b> FT	userID: String	Query	200404	useruser not found	retrieve a user by ID

Mapping	Method	Parameter	Parameter Type	Status Code	Response	Description
/users/{use	er <b>Ka</b> aae}	userName: String	Query	200404	useruser not found	retrieve a user by their username
/users/{use	er <b>RD</b> }T	newGameS integer	cd <b>Be</b> dy	204404	user not found	change users overall game score

### other endpoints

Mapping	Method	Parameter	Parameter Type	Status Code	Response	Description
/login/	POST	userName: String, password: String	Body		useruser not found	login with username and password
/logout/	POST	?	Body	?	?	terminate user session by logging out
/scoreboard	d/(SpeatheID)	gameID: String	Query	200404	list of scoresno such game or no players found	retrieve a list of scores (not sure if we need this endpoint, or if we interact via players endpoint where we also get the score of a player?