Diagrams

Component Diagram

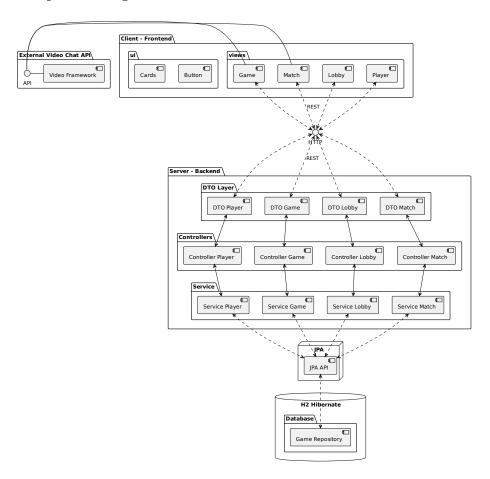


Figure 1: Component diagram

Class Diagram
Activity Diagram
UI Mockups
REST Interfaces
/games endpoint

Mapping	Method	Parameter	Parameter Type	Status Code	Response	Description
/games	POST	playerIDs: String[]	Body	•••		initiate a new
/games/{g	an RUD }	matchesPla	y Eth dy			game change state of a running
						game

/matches endpoint

Mapping	Method	Parameter	Parameter Type	Status Code	Response	Description
/matches	POST	gameID:	Body		numberOfI	Roi mitda te a
		String			int	new
						match
/matches/	materin)	roundsPlay	edBody			change
		int, \dots				state of a
						running
						match

/cards endpoint

Mapping	Method	Parameter	Parameter Type	Status Code	Response	Description
/cards	GET	gameID: String, num- berOf- Cards: int	Body		cards	get (distribute) cards to players
/cards/{pl	ay ۠FI }	gameID: String	Query			get a players current cards collection
/cards/{co		cards: Card	Body		•••	remove a card of cards collection

Mapping	Method	Parameter	Parameter Type	Status Code	Response	Description
/cards/{col	laetionID}	cards: Card	Body			add a card to cards collection

/players endpoint

Mapping	Method	Parameter	Parameter Type	Status Code	Response	Description
/players	POST	playerName String	e:Body	201409	Playerdupli playerName	
/players/{g	ga GETD }	gameID: String	Query	200404	list of usersno such game or no players found	retrieve a list of players in a game
/players/{p	ol &ET D}	userID: long	Query	200404	playerplaye not found	r retrieve a player by ID
/players/{p	olæend}	currentScor int	reBody	204404	player not found	change players score during game

/users endpoint

Mapping	Method	Parameter	Parameter Type	Status Code	Response	Description
/users	POST	userName: String, password: String	Body	•••		register a new user
/players/{	pla GE ID}	userID: long	Query	200404	playerplaye not found	er retrieve a player by ID

Mapping	Method	Parameter	Parameter Type	Status Code	Response	Description
/users/{use	er ID }T	userID: String	Query	200404	useruser not found	retrieve a user by ID
/users/{use	er Nati ale}	userName: String	Query	200404	useruser not found	retrieve a user by their username
/users/{use	er PU }T	newGameS int	core:			ascritatio

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/(SpETTENEID)	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?