

CSC-667-Spring17-Team-DRFB
Term Project - Milestone 3: API Submission
4/15/17

Team Members:

Felix Chin

Brandon Chiong

Rainier Hui

Daniel Nguyen

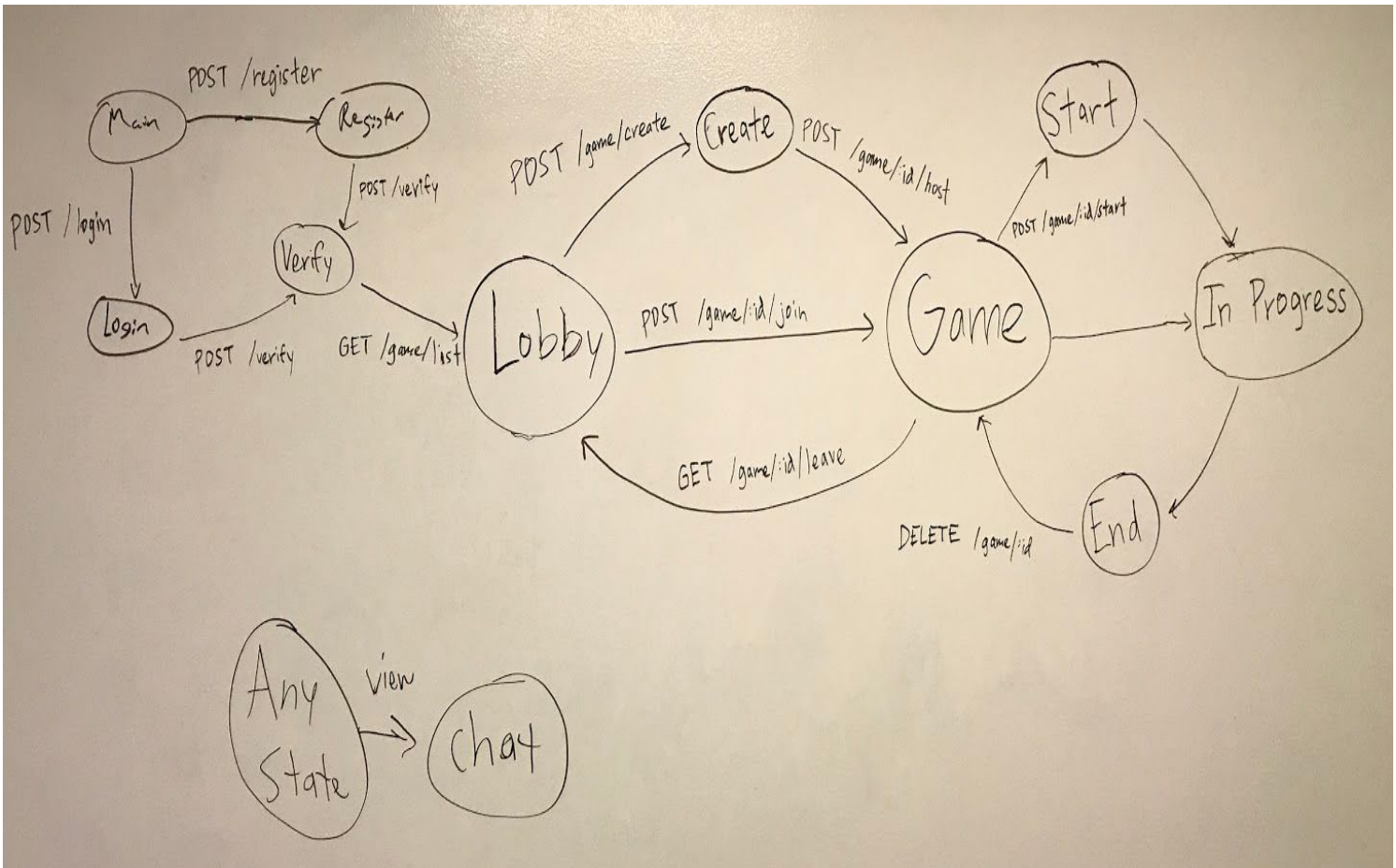
GitHub Repository:

<https://github.com/SFSU-CSC-667/term-project-spring-2017-drfb-1>

Table of Contents

Team Members:	0
GitHub Repository:	0
API FSM	2
API Documentation	3
Main:	3
Lobby:	3
Game:	4

API FSM



API Documentation

Main:

Register	
URL	/register
HTTP Method	POST
Notes	Creates a new user, if username isn't taken.

Login	
URL	/login
HTTP Method	POST
Notes	Renders the login screen for user input.

Verify	
URL	/verify
HTTP Method	POST
Notes	Verifies user login against the db.

Lobby:

Game List	
URL	/game/list
HTTP Method	GET
Notes	View all active games.

Host	
URL	/game/:id/host
HTTP Method	POST
Notes	Renders a form to create a new game from.

Join	
URL	/game/:id/join
HTTP Method	POST
Notes	Join an already created game with specified ID.

Game:

Create	
URL	/game/create
HTTP Method	POST
Notes	Creates a new game and returns game ID.

Start	
URL	/game/:id/start
HTTP Method	POST
Notes	Starts game if there are enough people in the game table.

Reconnect	
URL	/game/:id/reconnect
HTTP Method	POST
Notes	Reconnect to specified game after player has disconnected/left.

End	
URL	/game/:id/end
HTTP Method	DELETE
Notes	Ends game and removes all users from the game instance. Returns to lobby.

Leave	
URL	/game/:id/leave
HTTP Method	GET
Notes	Leave current instance of game. Returns to lobby.

Card List	
URL	/cards/list
Http Method	GET
Notes	Gets a list of UNO cards

Player Turn	
URL	/game/:id/:playerID/play
HTTP Method	POST
Notes	Allows the Player to play a card if it is the player's current turn.