Screen Sketches

Team Number

SB_4

Team Members

James Taylor, Thomas Haddy,
Keaton Johnson, Tyler Fuchs

Project Name

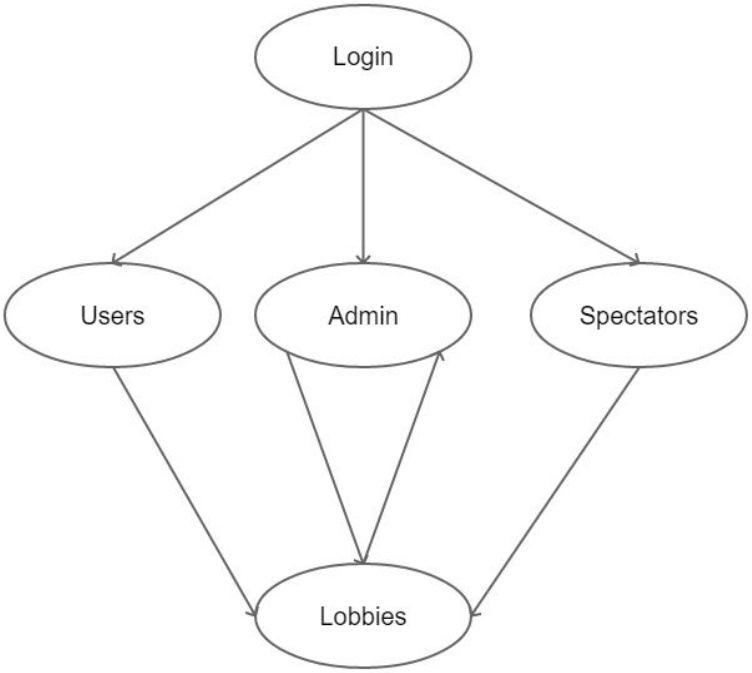
TwentyOne

Non-Functional Requirements

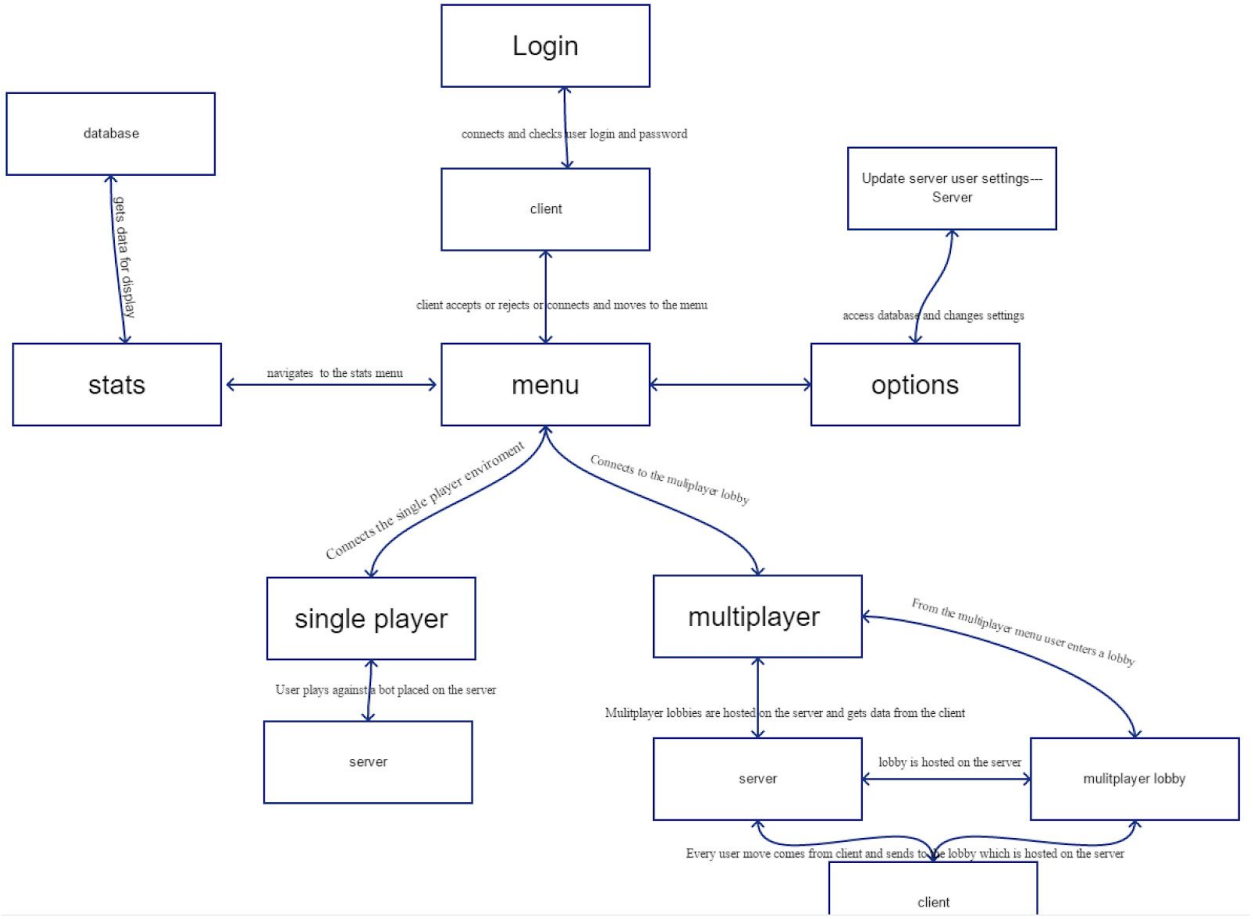
- Performance
  - Throughput time
  - Response time
  - Small drops in performance with high workload
- Reliability
  - Actions always the same (consistent)
  - Computations accurate
- Scalability
  - Scalable (dynamic) # of lobbies
  - Scalable # of users

Tables & Fields

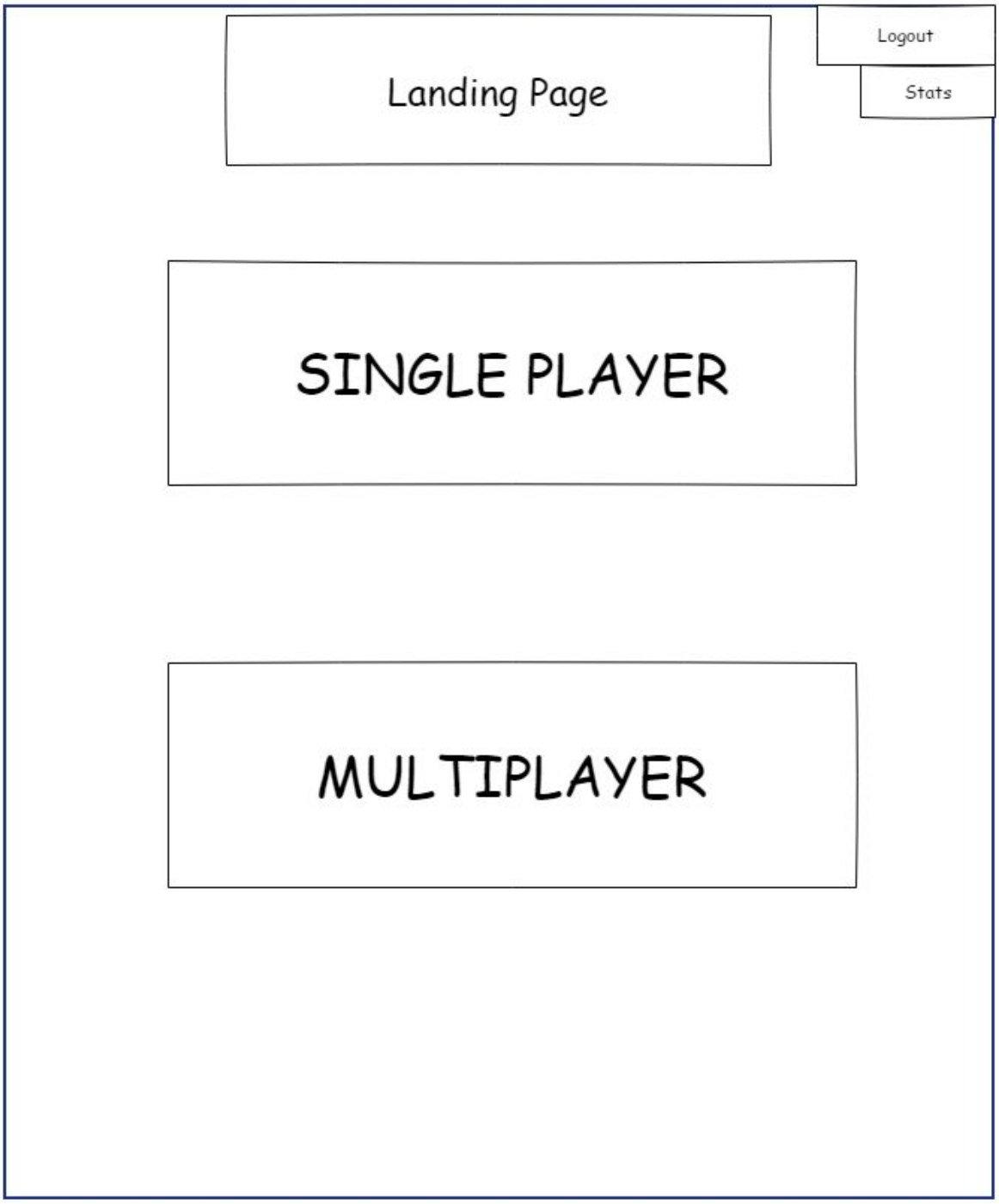
- **User:** Stores user info; able to join lobbies and play
    - Fields: Preferences
- **Admins:** Stores admin info; able to manipulate lobby behavior and play
    - Fields: Preferences
- **Spectators:** Stores spectator info; able to watch lobby games, but can't play
    - Fields: Preferences
- **Lobbies:** Stores lobby info; allows multiple people to play
    - Fields: players, kicked, preferences, status
- **Login:** Store created users, spectators, and admins
    - Fields: Username, password

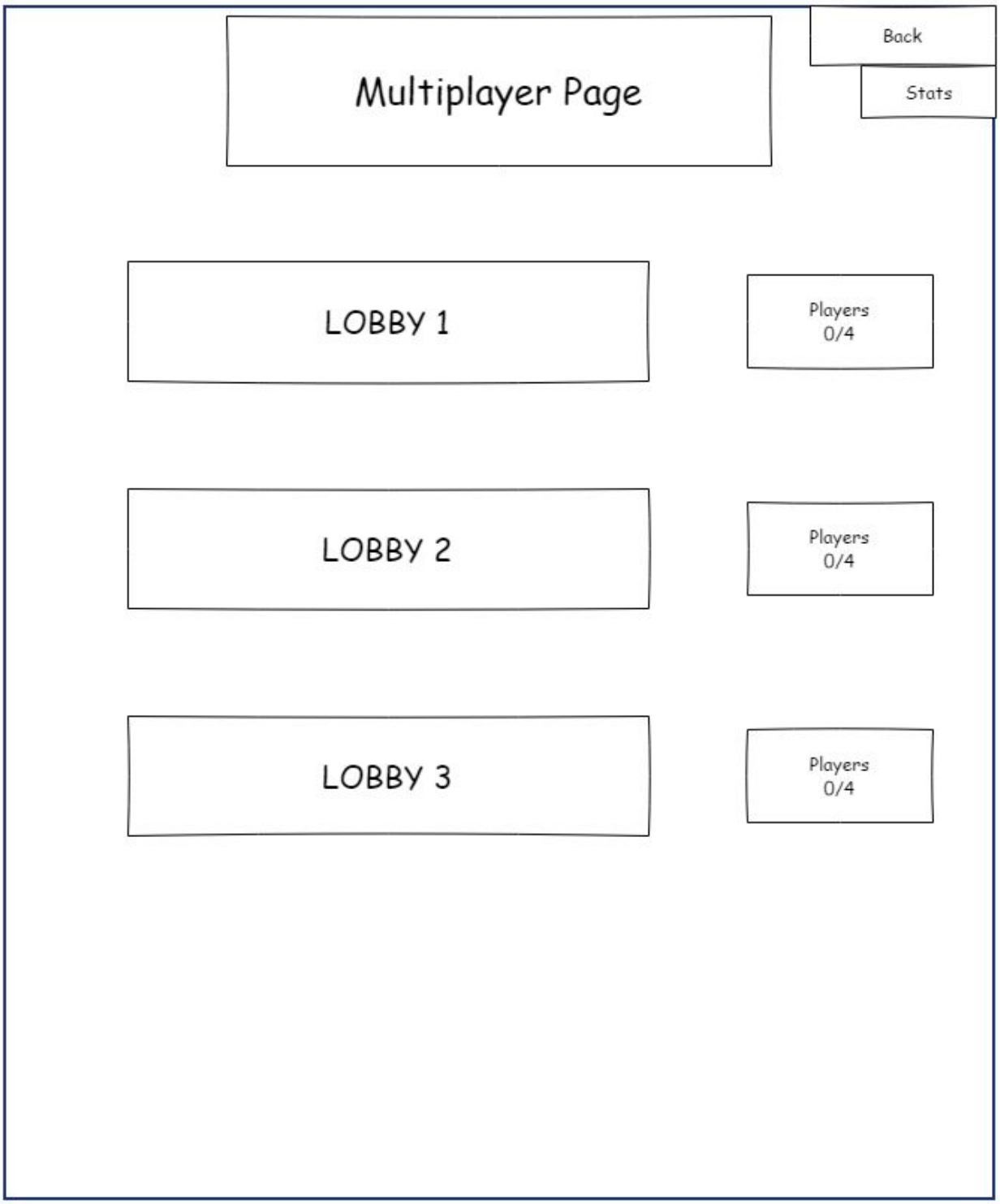


Screen Flow

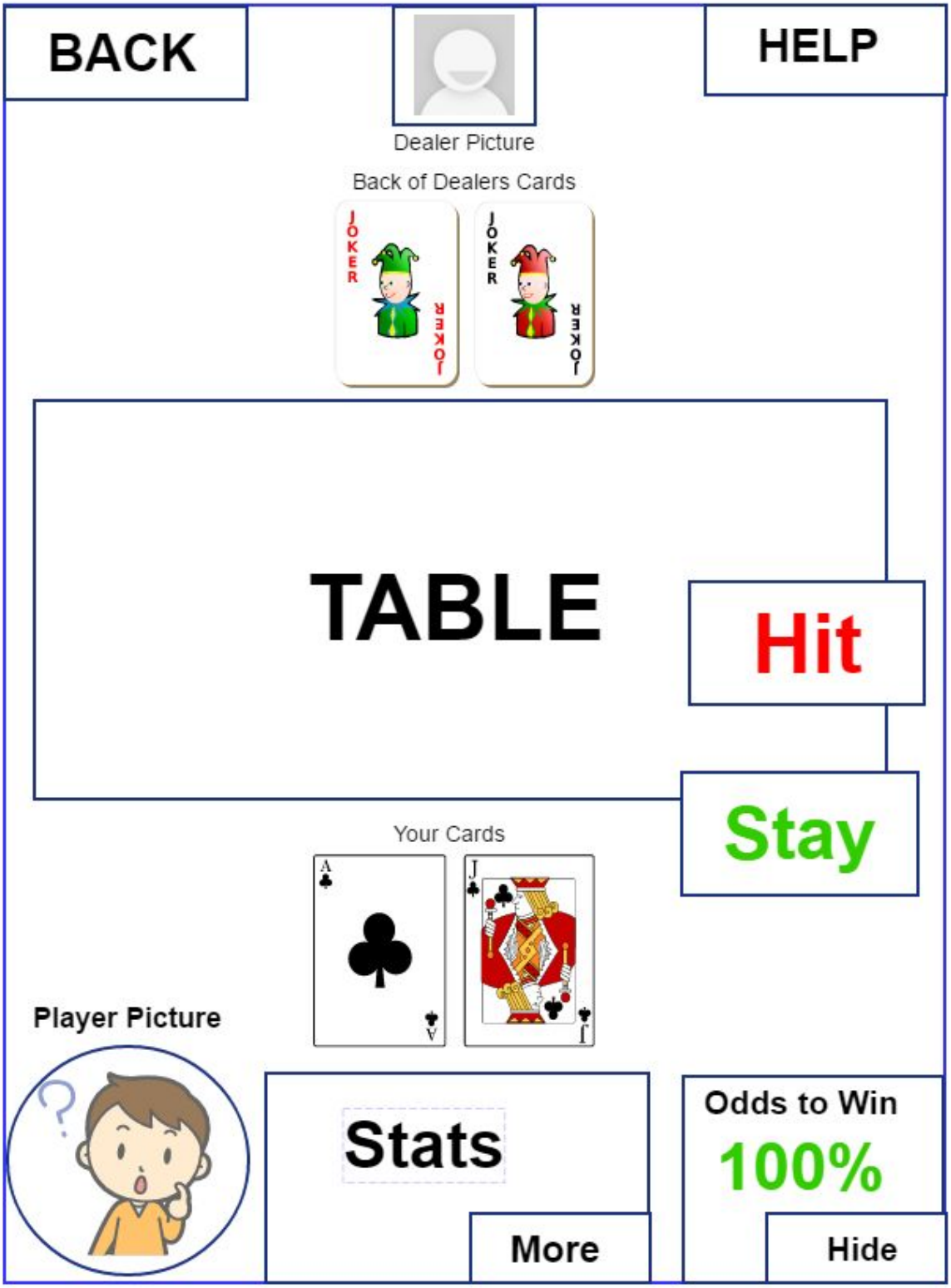

Login
database
connects and checks user login and password
client
Update server user settings---
Server
gets data for display
client accepts or rejects or connects and moves to the menu
access database and changes settings
stats
navigates to the stats menu
menu
options
Connects the single player enviroment
Connects to the multiplayer lobby
single player
multiplayer
From the multiplayer menu user enters a lobby
User plays against a bot placed on the server
Mulitplayer lobbies are hosted on the server and gets data from the client
server
server
lobby is hosted on the server
mulitplayer lobby
Every user move comes from client and sends to the lobby which is hosted on the server
client

Keaton Johnson - Landing Page/Multiplayer Lobby page

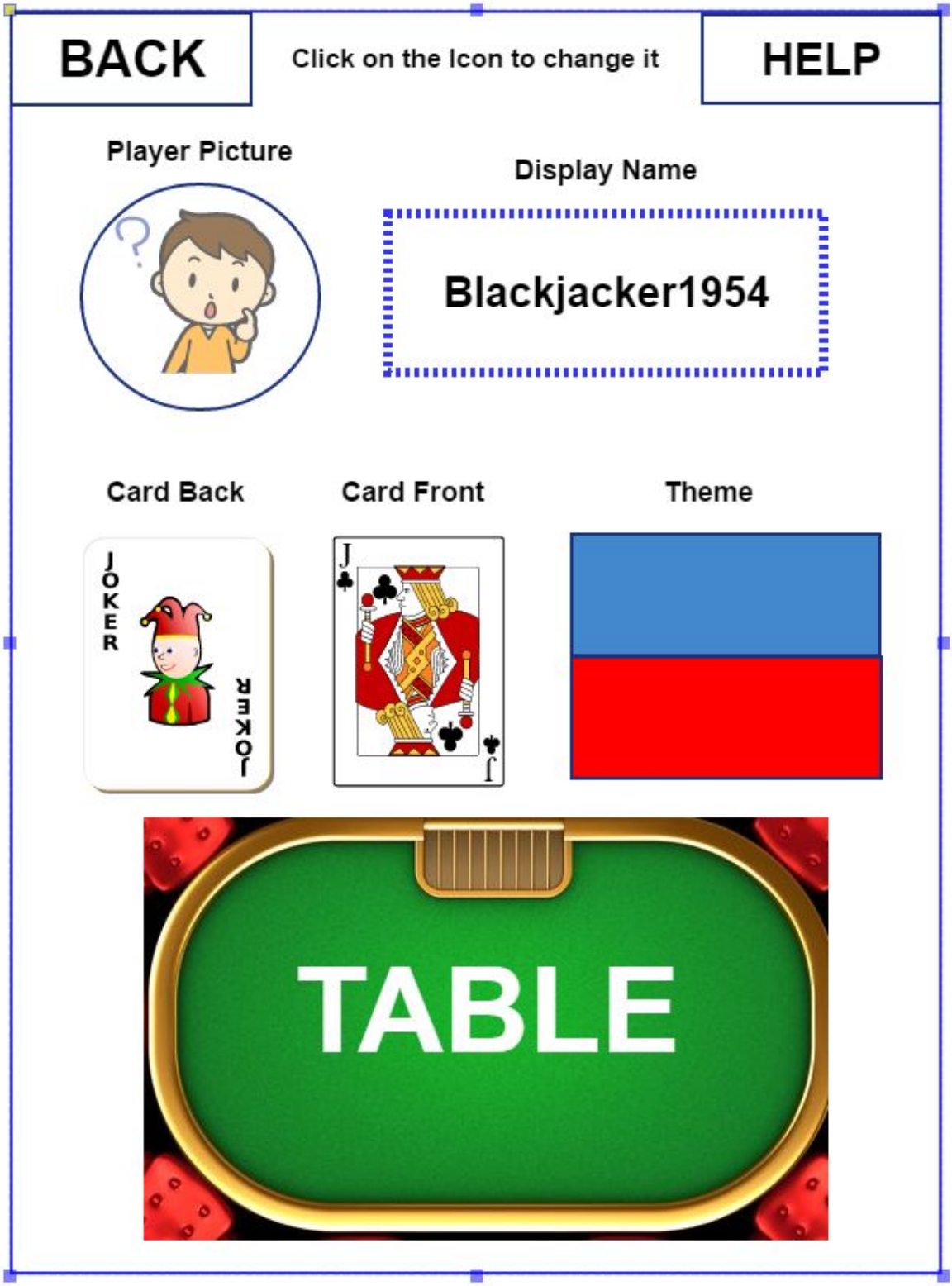



Multiplayer Page
Back
Stats
LOBBY 1
Players
0/4
LOBBY 2
Players
0/4
LOBBY 3
Players
0/4

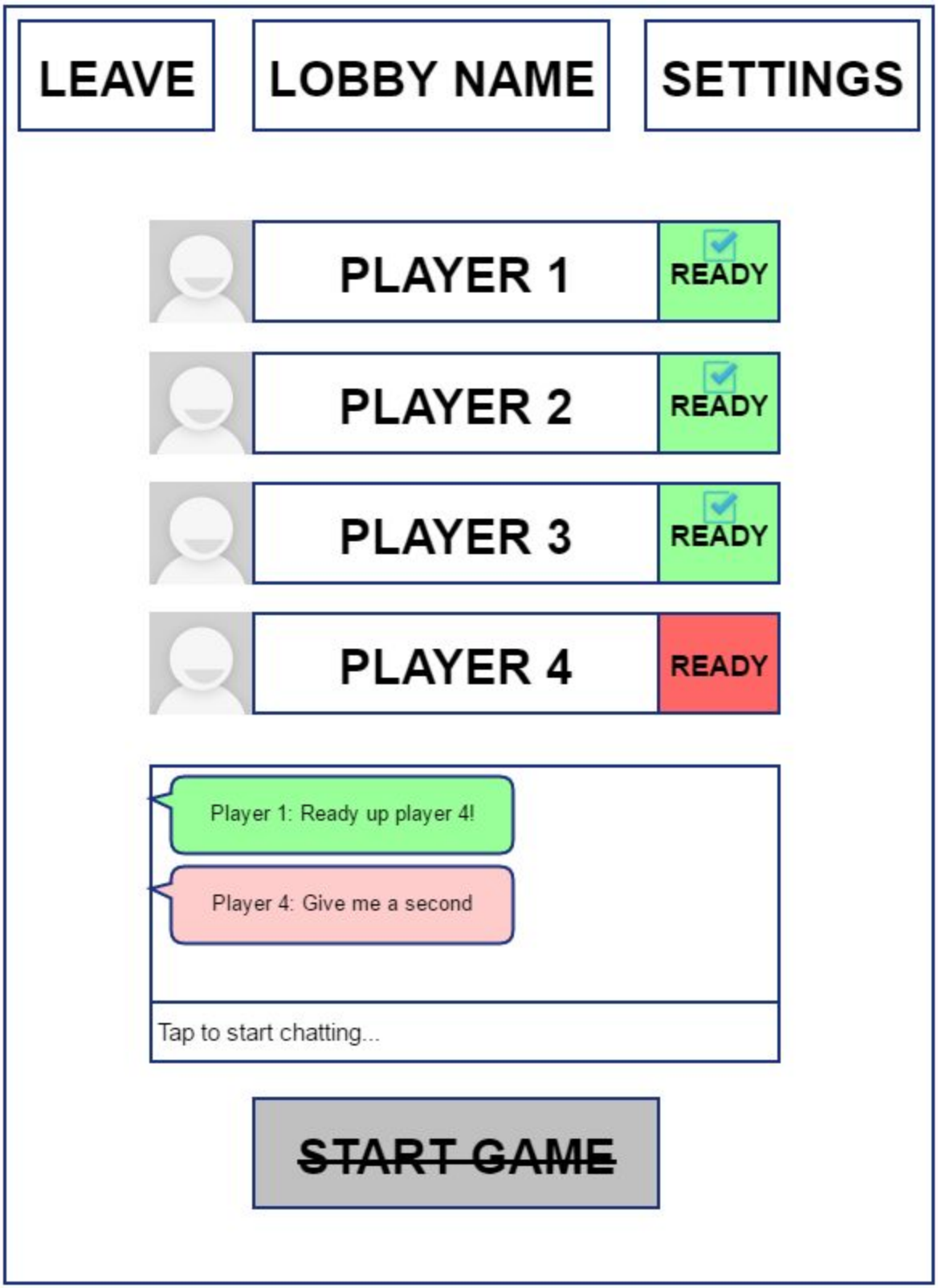
Single Player/Training Play Screen --- James Taylor



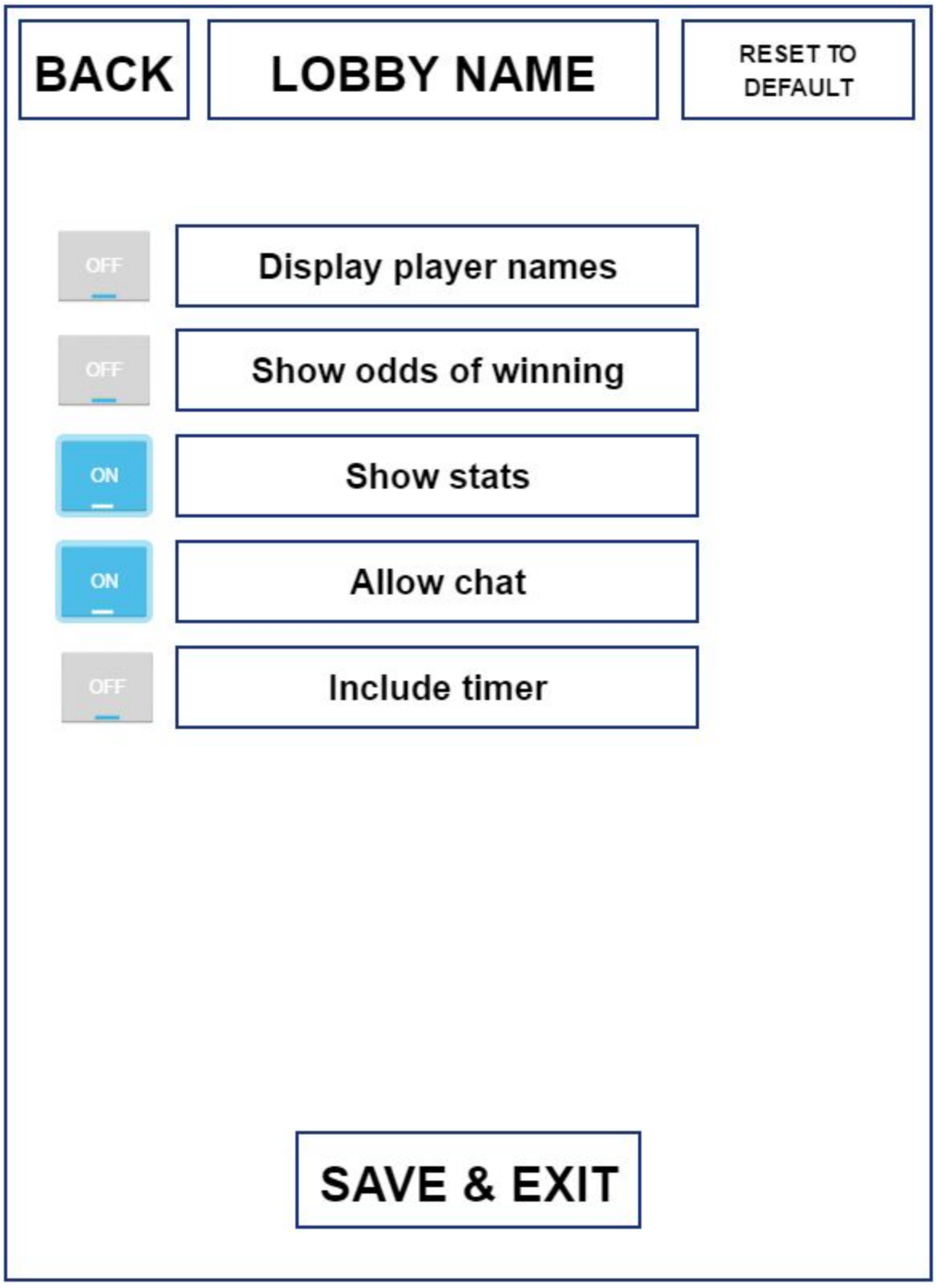
Customisations Page --- James Taylor



Thomas --- Lobby Join



Thomas --- Lobby Settings

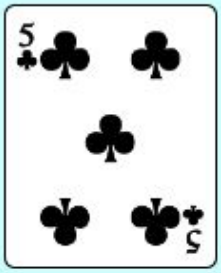


Tyler Fuchs -- Multiplayer Screen

Leave Table

Help

Dealer

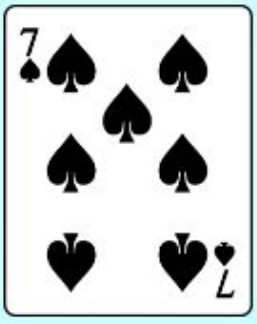


Hit

Player_4

Player_1

Player_3

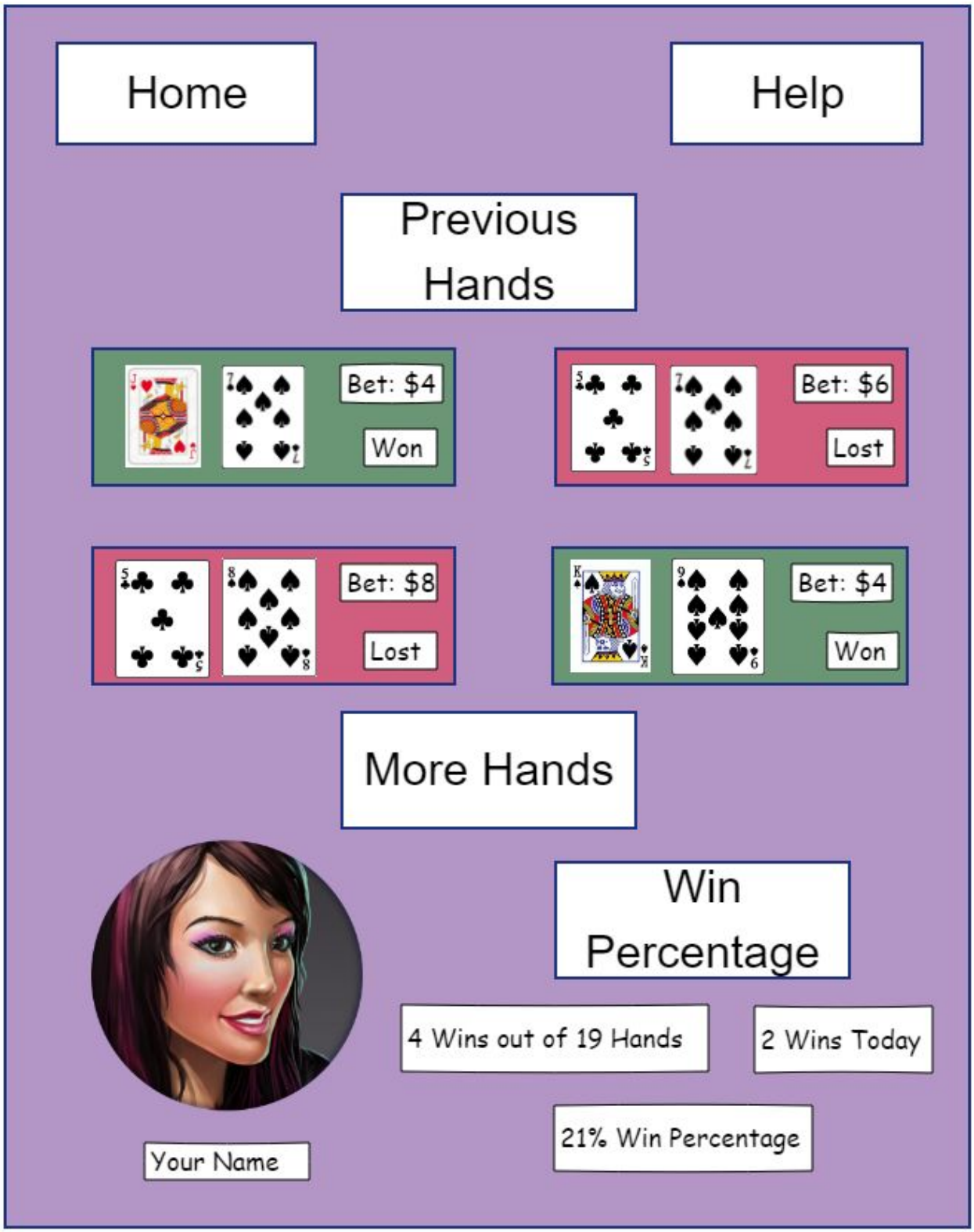


Options:

Hit

Stay

Split

Your Name

Tyler Fuchs -- Stats Page