

Milestone 3

Team 7

Jose Castanon

Audrey Wong

Shanna Zhou

Tianchen Liu

Jonathan Julian

Inez Wibowo

Repository link:

<https://github.com/csc667/csc667-su19-Team07>

1. List of operations for each (database?) entity. Please include operation name and a brief description

PK: Primary Key

FK: Foreign Key

- Users
 - Username -- setUsername -- getUsername
 - FirstName -- setUsername
 - LastName -- setLastName
 - Email -- setEmail
 - Password -- setPassword -- resetPassword
- Leaderboard GetTop()
 - Leaderboard ID -- PK
 - Rank -- updateRank -- getRank
 - Wins -- updateWins
 - Losses -- updateLoss
 - Percent -- updatePercent
- Game sessions
 - Game ID -- PK
 - Game State: Waiting, Playing, End -- updateState()
 - Waiting - if only 1 player
 - Playing - if inside the time limit
 - End - if in excess of time then, game ends or (checkmate)king taken or (Mutual) draw
 - Player Color- Binary
 - Timestamp
- Chat(rooms)
 - Chat ID -- PK
 - Messages -- emitMessage
- Messages
 - Message ID -- PK
 - Message -- message content
 - GameID -- FK
 - UserID -- FK
 - Timestamp
- Spectators (Optional)
 - Spectator ID -- PK
 - gameId -- FK
 - userID -- FK

2. List of routes and their paths with well defined request and response structures. For example:

Here is a list of the routes in our routes directory

Index.js

url -> localhost/

Response -- log-in/register screen

router.get('/')

lobby-route.js

* request url -> localhost/lobby

* response -> this is the lobby/global chat/leaderboard/Game List

* router.get('/lobby') -> leaderboard, chat, will be using this route

* router.get('/user/:user') -> takes to user page for settings/customization/stats

* router.get('/:gameID') -> takes player to that game session

games-route.js

* request url -> localhost/games

* response -> this is the full list of games playable

* router.get('/games')

* router.get('/games/:gameID', ..) -> additional games will be served through this route

* router.get('/user/:user') -> route to users page

users-route.js

* request url -> localhost/users

* response -> this is the users page

* router.get('/user/:userID') -> users setting page list of games user is in/spectating

*router.get('/games') -> game lists

* router.get('/lobby') -> to lobby

3.

Login/Landing

localhost:3000/login

Chess

Email

Password

LOGIN

Home

localhost:3000

Chess Home Play Dropdown

Rankings

Audrey	140 win(s)
Loser	2 win(s)
NotWinner	1 win(s)

Lobbies

Room 1	1/2
Room 2	1/2
Room 3	2/2
Room 4	1/2
Room 5	1/2

Chat

Messages appear here...

Type your message here...

SEND

Game

Chess

Home

Play

Dropdown

1

2

3


4

5

6

7

8



Messages appear here...

Type your message here...

SEND

9:51

ACCEPT

FORFEIT GAME

Options


Chess

Home

Play

Dropdown

Player Info



Name

Rank 3

Choose your option

Choose your option

