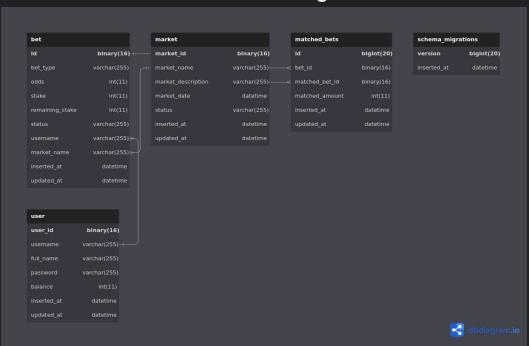
BetUnfair

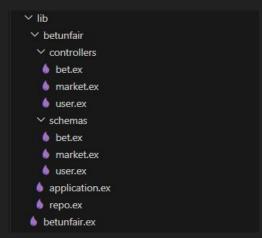
Álvaro Cabo Ciudad Juan Serrano Soria

Design

Database E-R Diagram



Project structure



Implementation

- Ecto
 - Driver MyXQL
- Jason

- GenServer
- Supervisor

- Docker
- MySQL / MariaDB









Testing

- 1. Original moodle tests
 - a. Modified to suit our application Supervisor requirements
- 2. Database connection test
- 3. Documentation test

Challenges faced

- 1. Complexity of the matching algorithm
- 2. Learn all the necessary Ecto features
 - a. Schemas
 - b. Repo
 - c. Migrations
- 3. Improve functional programming skills
- 4. Reproduce development environment using Docker
- 5. Continuous integration testing (Not completed)

Future improvements

- Create a frontend that allows users to interact with the server
- Finish implementing continuous integration testing
- Use the server state to create a real time exchange
 - {back_bets, lay_bets} updated on every server request
- Add sportsbook betting