# User Table

User table holds all the primary users of the system.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| User ID | Username | Password | Balance | Email | PhoneNo. |
| 1 | SamuelTariku | Password | 100 | [sam@gmail.com](mailto:sam@gmail.com) | +132123314 |
| 2 | DagimYohan | Password | 500 | [dagim@gmail.com](mailto:dagim@gmail.com) | +134134134 |
| 3 | NatiGebre | Password | 1400 | [Nati@gmail.com](mailto:Nati@gmail.com) | +2312323212 |

# Admin Table

Admin table holds all the administrators of the system.

|  |  |  |  |
| --- | --- | --- | --- |
| Admin ID | Username | Password |  |
| 1 | AbelAlemu | Password |  |
| 2 | BelayMark | Password |  |

# Bets Table

The Bets Table holds all the bets that have been made. This is controlled by user who can delete bets they have already made, if the bet is active (if the game hasn’t been played or the Admin hasn’t set the bet to inactive).

* Outcomes correspond with the outcomes in the bookie table. They are the index of the outcome that the user has chosen.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Bet ID | User ID | Bookie ID | Amount | Outcome |
| 1 | 1 | 1 | 200 | 0 |
| 2 | 2 | 1 | 400 | 1 |
| 3 | 3 | 1 | 500 | 0 |

# Games Table

All the games that can be bet on. There are more bets that the admin can set such as who will win the championship etcetera.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Game ID | Team 1 Name | Team 2 Name | Datetime | Sport |
| 1 | Manchester United | West Ham United | 09-02-2021 19:30 | Soccer |
| 2 | Burnley | AFC Bournemouth | 09-02-2021 17:30 | Soccer |

# Bookie Table

The Bookie Table holds all the games the admins can set.

* Game ID can be null, so that bets about the entire championship
* The number of outcomes needs to be the same as the number of odds
* Datetime field is redundant but is easier to setup like this for json
* Odds should add up to 1

This is controlled by the Admin. Should not allow users to interact

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Bookie ID | Admin ID | Game ID | BTID | Active | Datetime |
| 1 | 1 | 1 | 3 | True | 09-02-2021 19:30 |
| 2 | 1 | 1 | 4 | True | 09-02-2021 19:30 |
| 3 | 2 | null | 5 | True | 29-05-2021 20:00 |
| 4 | 1 | null | 5 | True | 29-05-2021 20:00 |

|  |  |  |  |
| --- | --- | --- | --- |
| Outcome | Bookie ID | Outcomes | Odds |
| 0 | 1 | “Manchester Wins” | 0.3 |
| 1 | 1 | “West Ham Wins” | 0.3 |

# Bet Types Table

The bet types are all the bets that the bookies can set.

|  |  |  |
| --- | --- | --- |
| BTID | Bet name | Bet Description |
| 3 | “Which team will win?” | “If team 1 wins the game, you get the winnings” |
| 4 | “Who will score first?” | “Who will score the first goal” |
| 5 | “Who will win the championship?” | “Which team will win the championship?” |