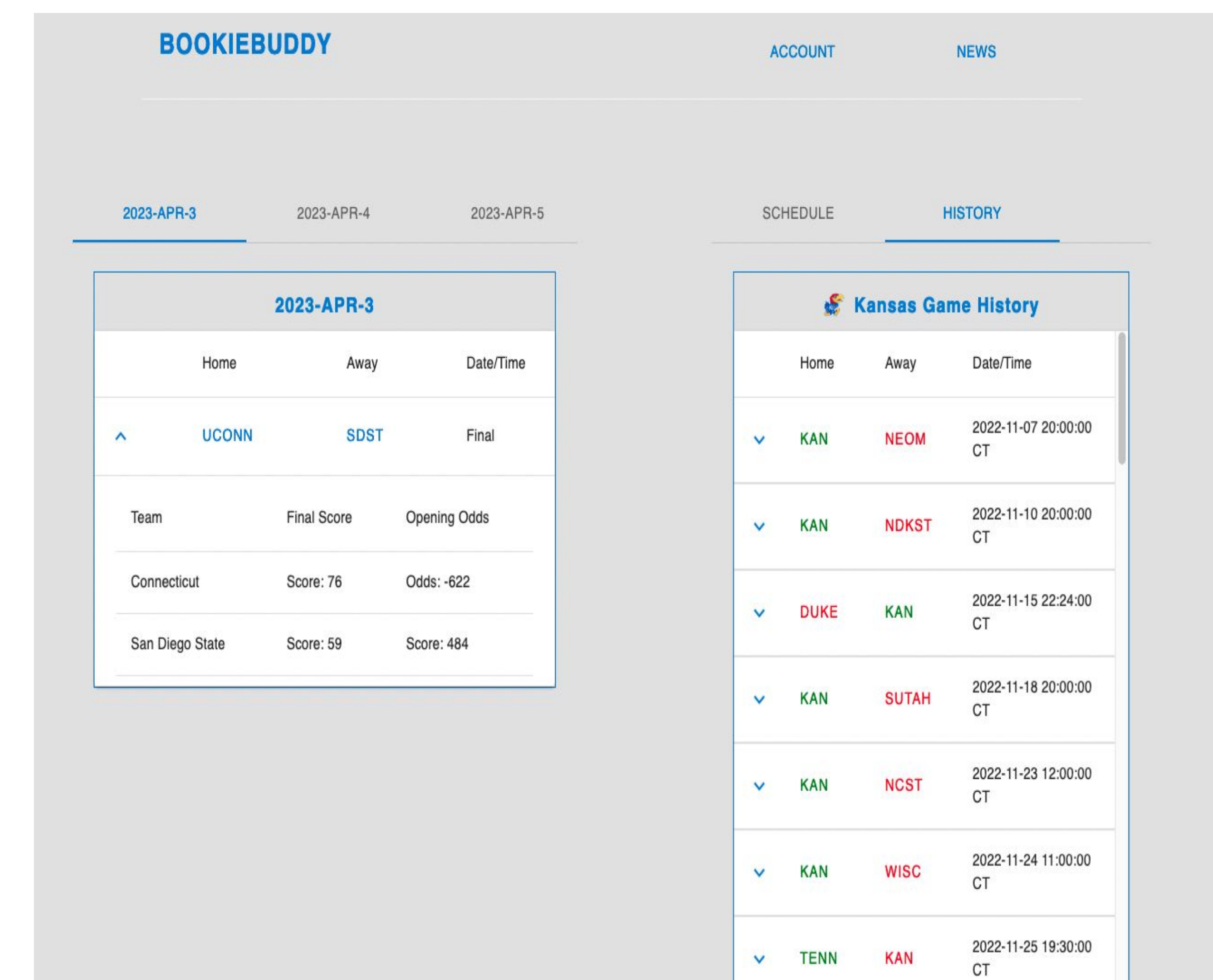


## Bookie Buddy (Team No. 22)

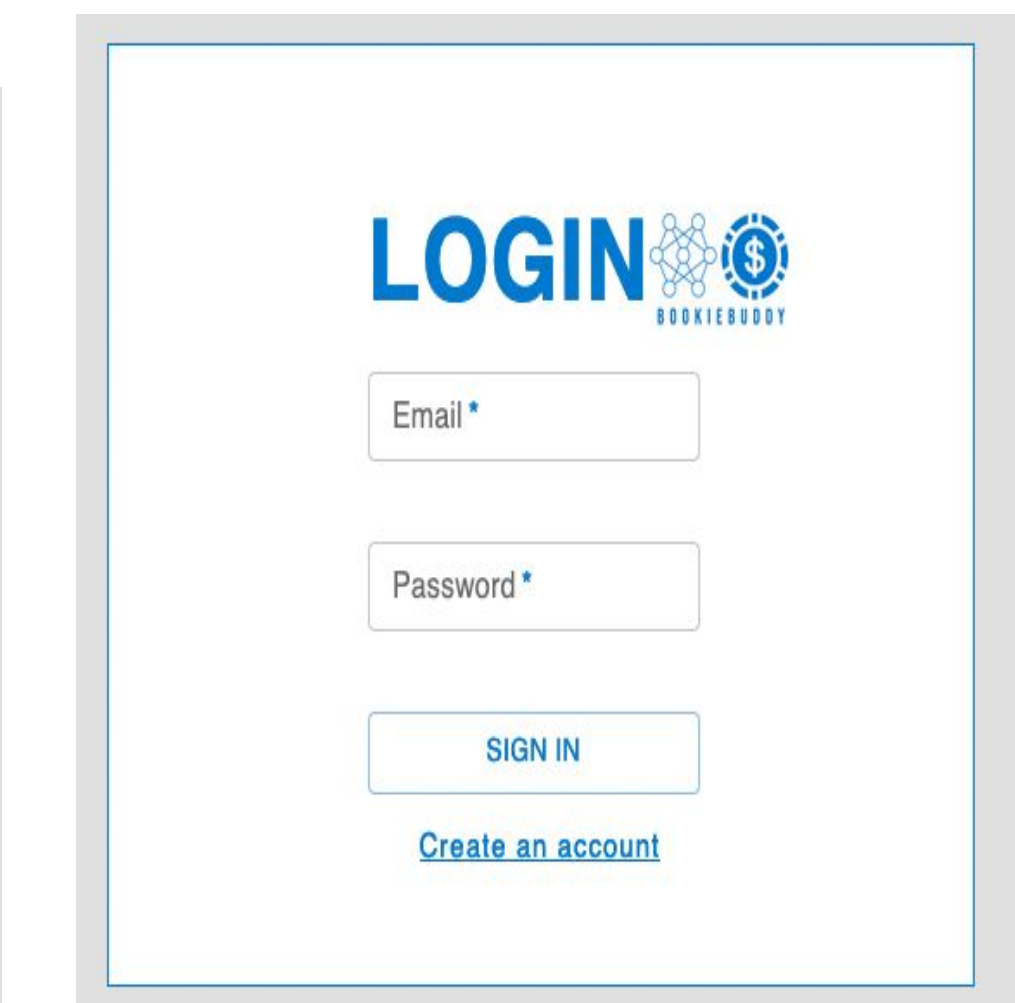
Sam Weise (CS), Blake Richmeier (CS), Cade Sarkin (CS), Zack Andrews (CS)

### Description & Purpose

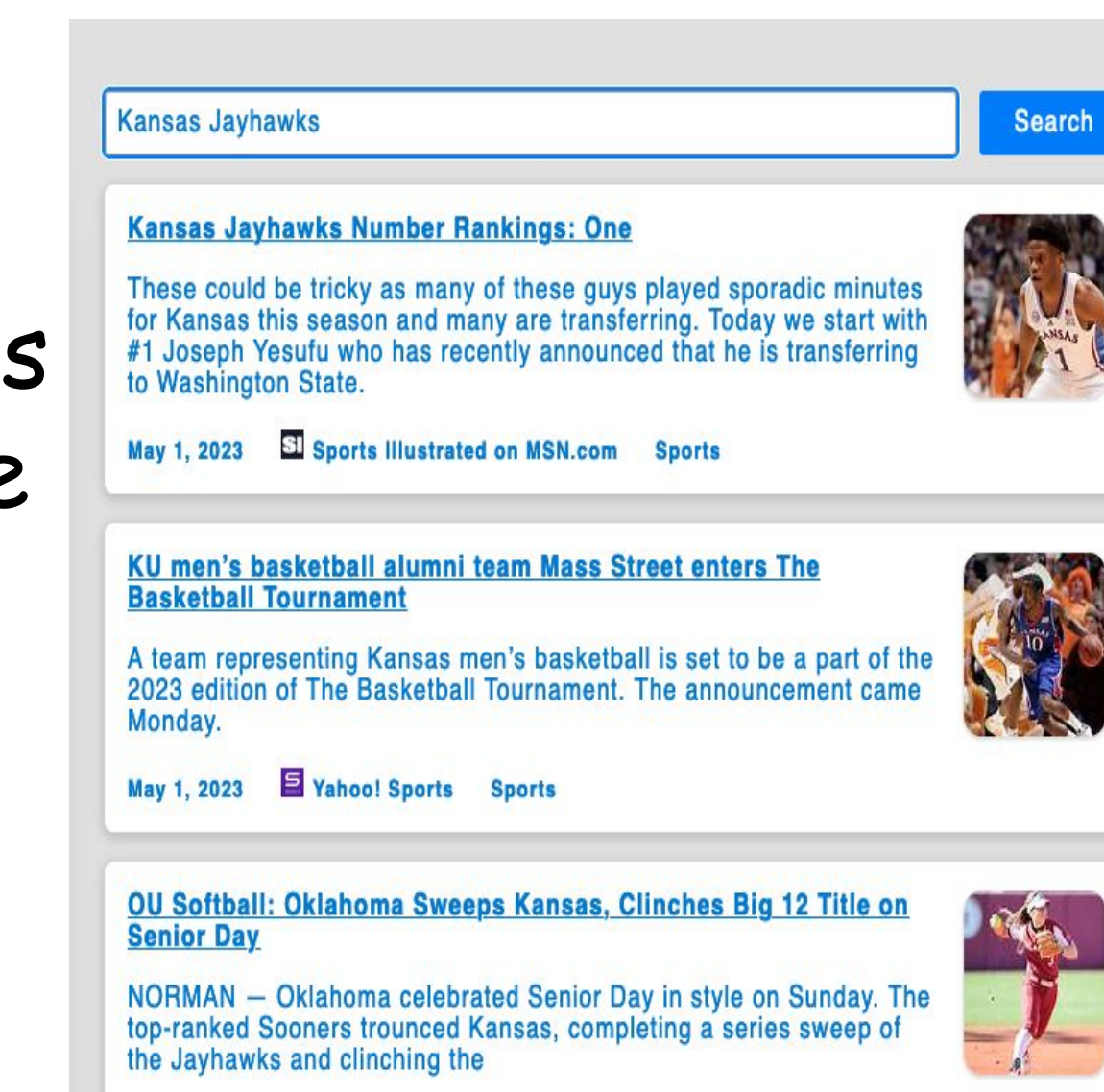
- Bookie Buddy is an app that uses ML and statistical models to predict winners in NCAA basketball
- It is used to help users better understand matchups and aid them in betting or other avenues
- Enables users to follow their favorite teams and see their stats and predictions for games



Home Page

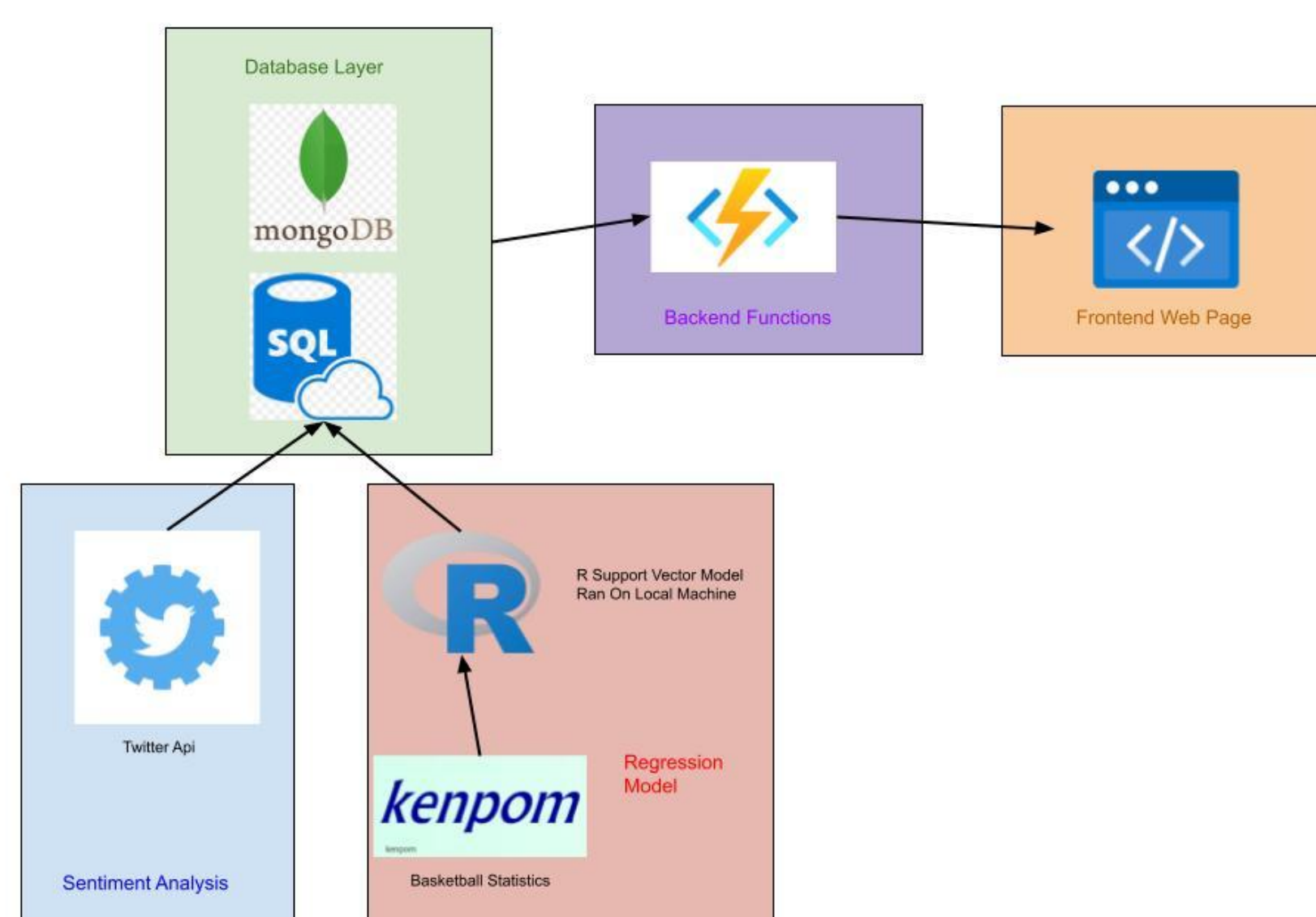


Login Page



News Page

### Design



- For our machine learning data we used azure SQL Database and for our website data we used mongoDB
- This data is then processed in our Azure Functions and sent across to the frontend.
- Our frontend webpage is hosted on an Azure Static Web Page

### Ethical & Intellectual Property Issues

- If our models are inaccurate or even predict a wrong outcome at any point, it could cause users to lose a lot of money. We could mitigate this by allowing in-app betting and putting a cap on how much users can put down (perhaps proportional to a given model's accuracy). We should also make sure the accuracy of our models are publicly available to the user
- Our app's name (BookieBuddy) is similar to the name of a travel app that already exists (BookingBuddy)