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CS411 Project Proposal

Project Proposal 1: Wagyr

A web application that facilitates multiple users to place wagers on either sporting or custom events. It will utilize the ESPN API for live updates on many sporting events and Venmo for peer-to-peer payments. Additionally, the application will allow the user to create events of his/her own choices, allowing the placement of wagers on virtually anything. We will be using two databases to support our application. The first will be used to manage users and the second will be used to manage different wagyrs. The four distinct states our application will present are: user dashboard (how many wagyrs the user has won), active wagyrs, wagyrs the user can participate in (search feature), and trending wagyr topics.

Project Proposal 2: Wait on Me

A web application that facilitates users to find the wait times of local restaurants. Users can also find reviews/trends on these restaurants, directions to the restaurants, and make reservations. We will be using the Google Maps API, Yelp API, Google Trends API, and (an unofficial) Opentable API/Resy API. We will use a database to function as a cache for recent searches and reservations. We will use this to help the user get an idea of how popular a restaurant is and provide search results quicker.The four distinct states our application will present are: trending searches, a local map with popular restaurants, a form to make reservations, and restaurant reviews.