

# COMP 271 Final Project Proposal

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App Name: GrapeVine

## Project Description:

This yelp inspired app allows people to save their own reviews, pictures, and location of restaurants. This app gives users a personal outlet as opposed to yelp where people's reviews are public and open for everyone to see.

What we propose to do is create an app that will do the following:

- The system shall allow one to create a list of restaurants they've visited;
- The system shall allow one to view and post reviews to a feed;
- The system shall allow one to upload pictures of their food;
- The system shall allow one to search for restaurants, and add them to a list of restaurants to consider going to;

We plan to incorporate the following features:

- GPS /Consume a pre-built web service (includes using Google Maps) - We will use Google Maps to allow users to see where restaurants are located near them. The web service uses Google Places API (15 pts)
- Camera - People can upload pictures as well, with is another way to view possible restaurants to eat at. (15 pts)
- Data storage using SQLite - We will use SQLite to save user's posts. (20 pts)

## Wireframe Description:

First off, you'll have 3 options:

- Make Post
- View Posts
- Take Pictures
- Discover New Restaurants

After clicking "Make Post", you'll go to a screen where you can type out information about a restaurant. The description includes restaurant name, price, and restaurant review. After submitting the post, your posts can be viewed by going back to the main screen and clicking "View Posts".

The View Posts screen shows the list of restaurants you've posted about. The user should still be able to see these posts after closing the app, and re-opening the app.

To save pictures of food, "Take Pictures" allows users to have a visual way to select what to eat. "Add image" accesses the camera, and then photos are saved on the same screen in a list.

Lastly, clicking "Discover New Restaurants" allows the user to search for a restaurant through Google Places API (pre-built web service). This allows users to add restaurants they are considering going to to a list. There are some permissions the user must allow, but then one can access Google Maps and "Add location" to a list of restaurants. Restaurants near the user show up, but they can also look up restaurants by their address, name, etc. This is another way users can decide what restaurant to go to.

