

Queue Application

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Problem Definition

- How much is it to get in?
- Is there a specific wait time?
- Are there any specials going on today?
- Is it crowded, or are there any people there?



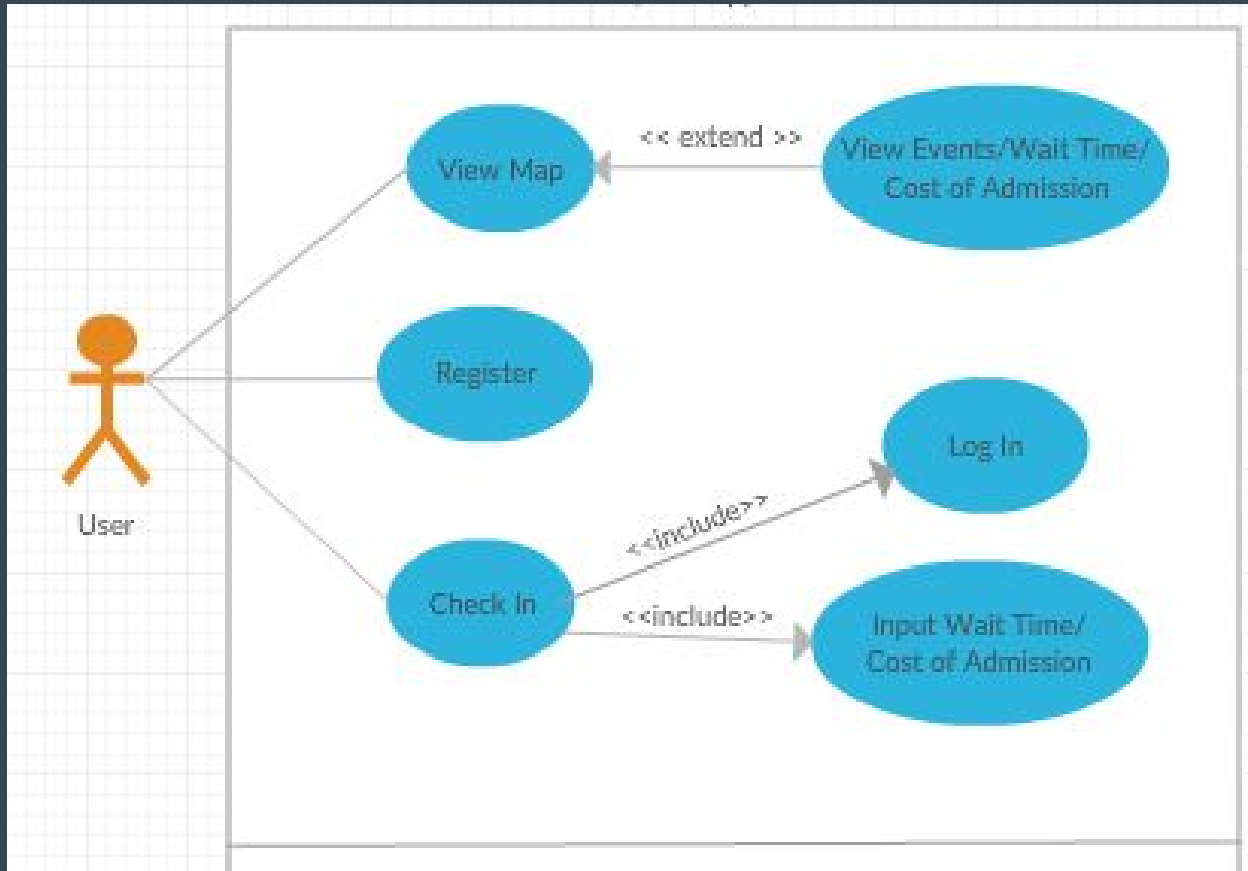
Scope of System

The purpose of this app is to provide more accuracy, with ease to specific bars or restaurants that are in the surrounding area, in the categories of admission fees, popularity, wait times, open/close times, and possible specials or events that are being hosted by each establishment.

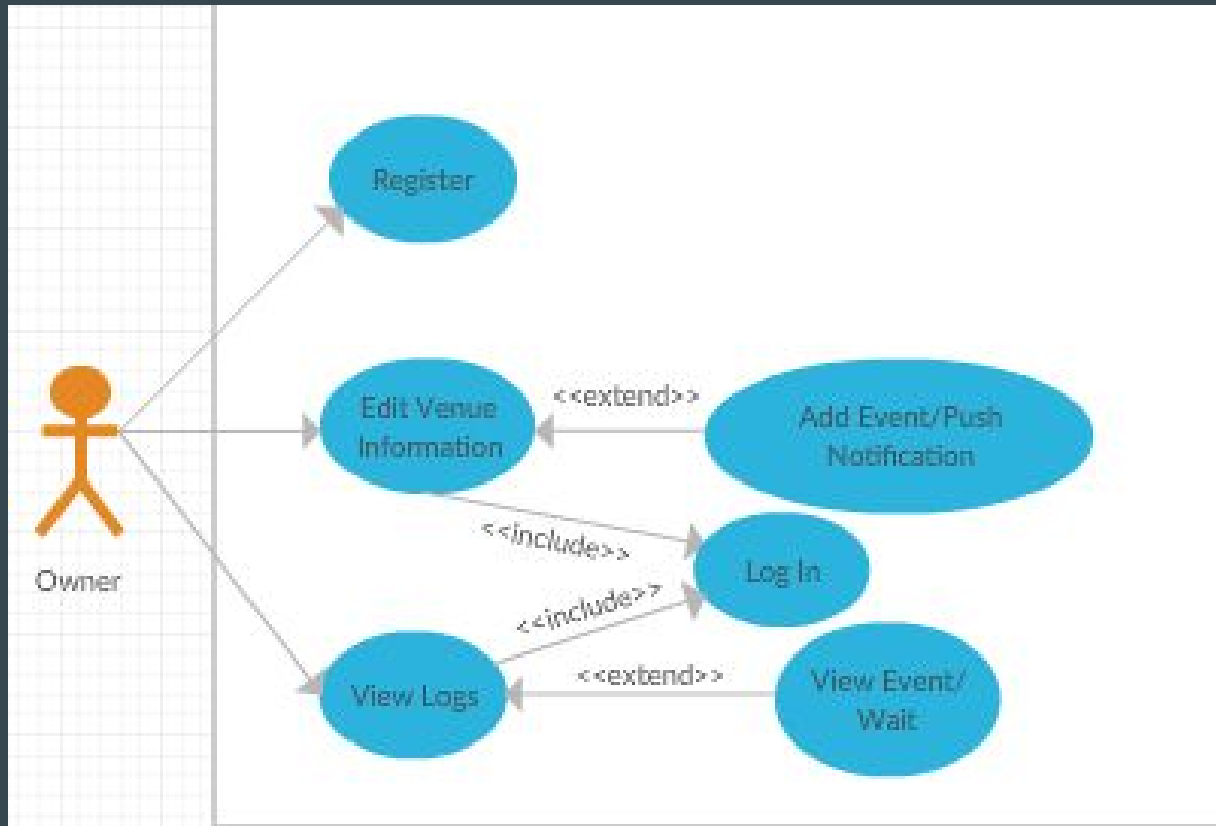
Google Maps APIs



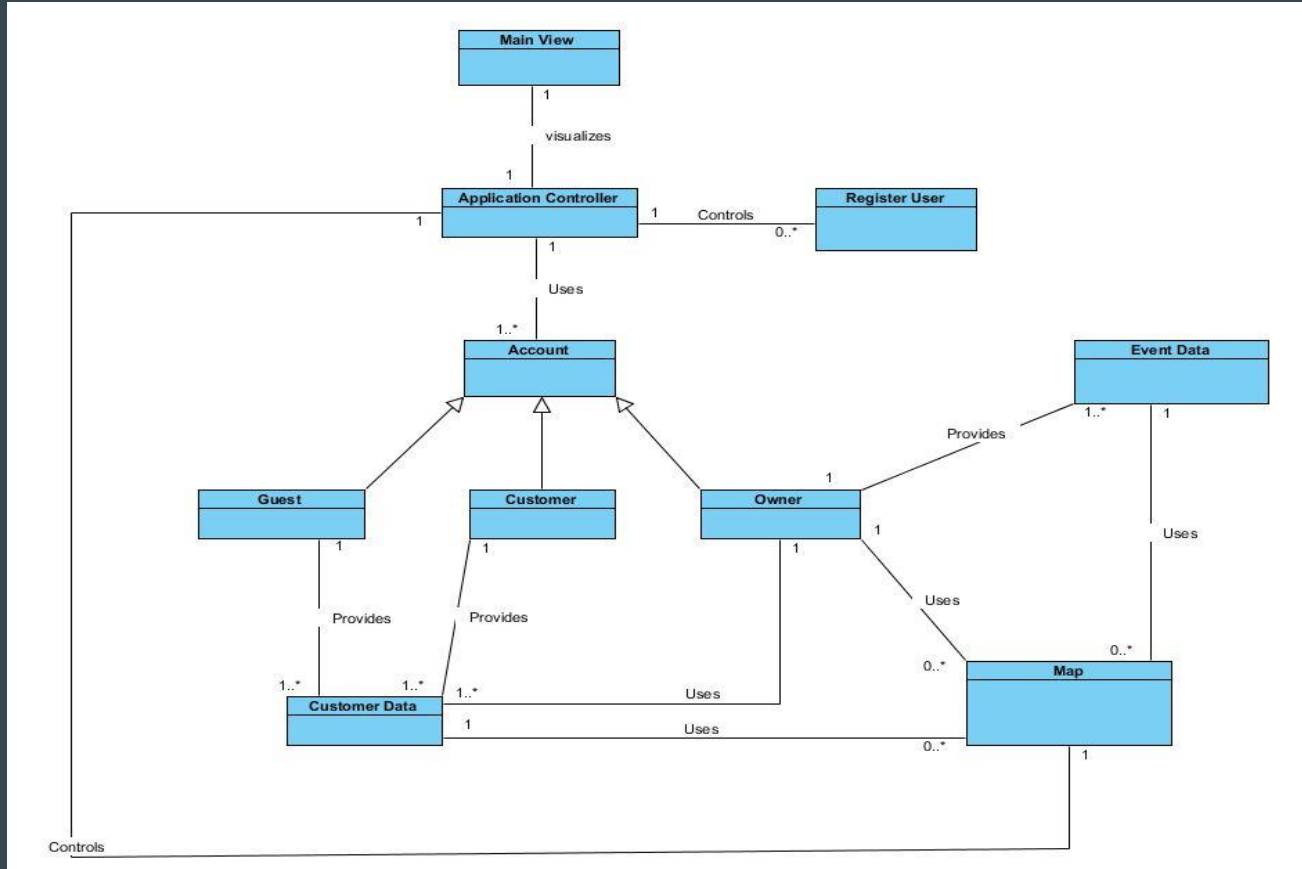
Use Case Diagrams



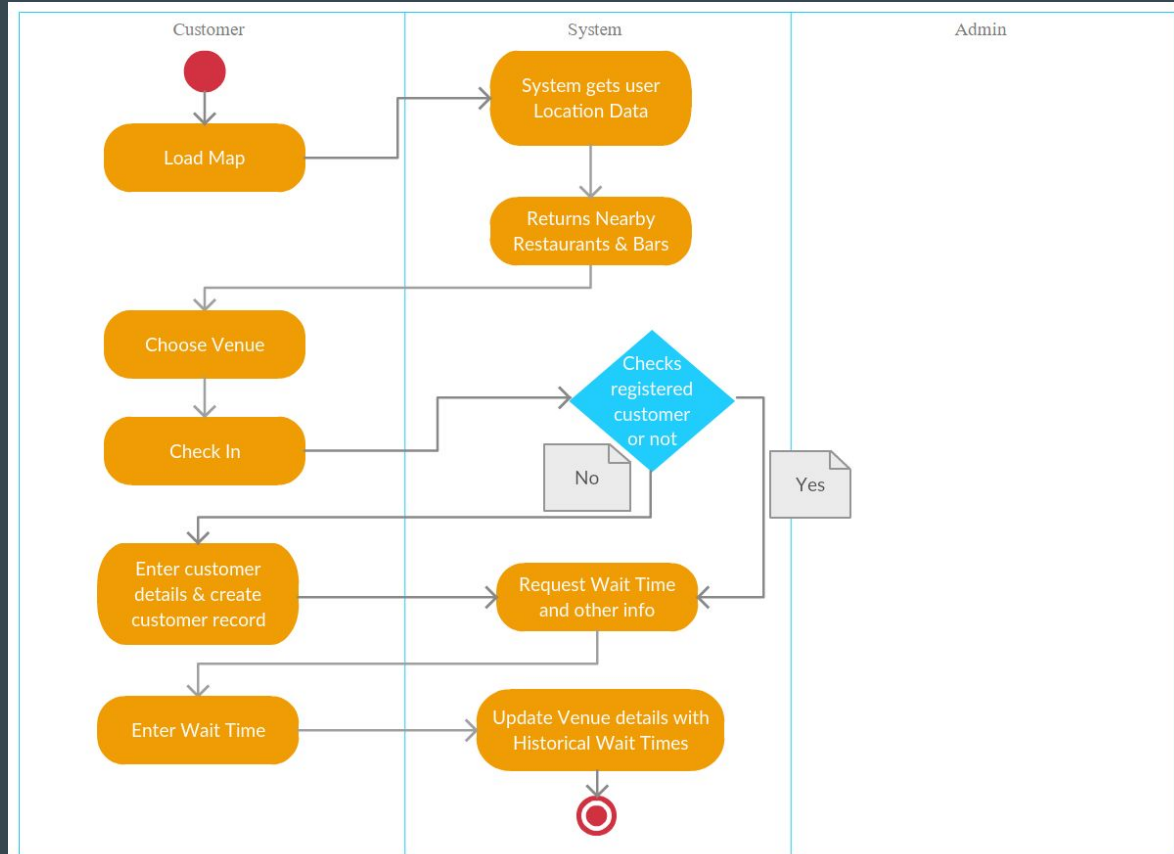
Use Case Diagrams



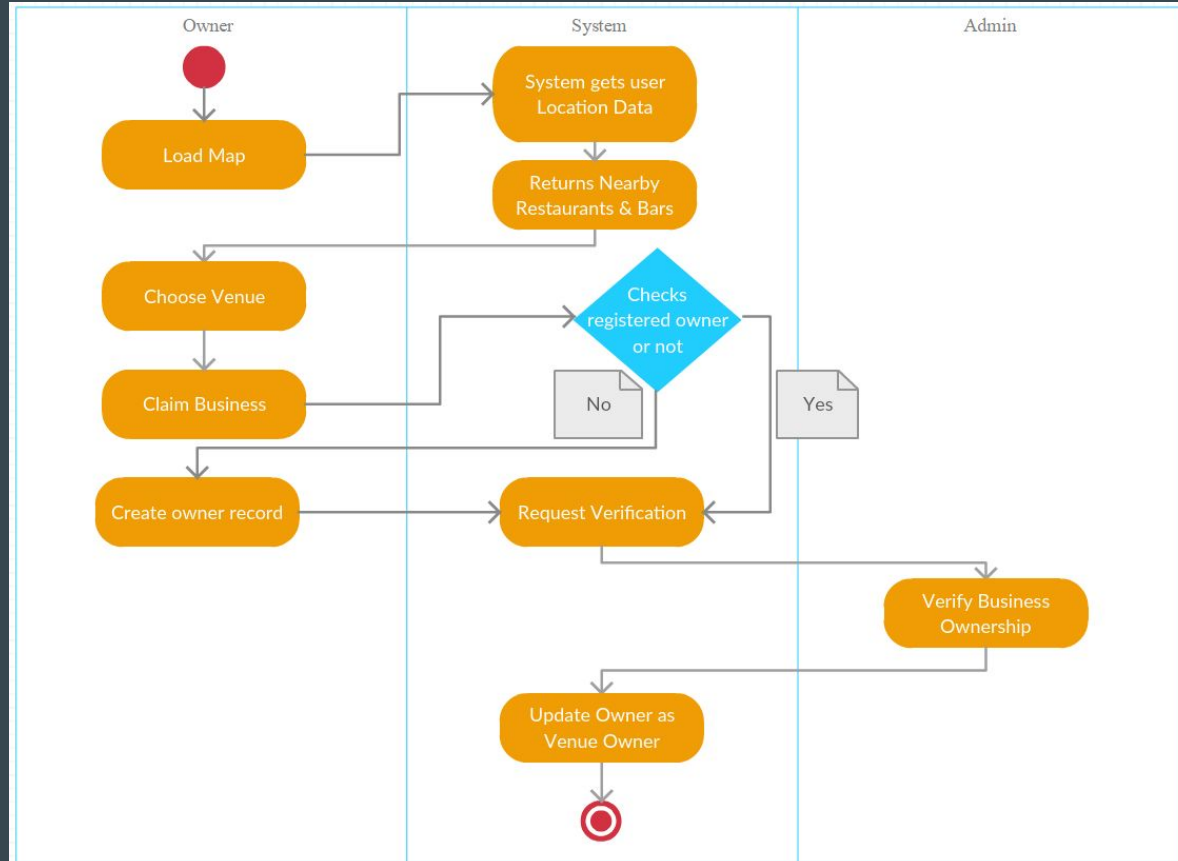
Class Diagram



Activity Diagrams



Activity Diagrams



Feature Priority

Required

- Google Maps /w Restaurants & Bars
- Users check in
 - Users input current wait time/admission
 - Users view current wait times/admission
- Color code map icons by wait time
- Owners update specials, events, hours, etc

Possible

- Implement some type of owner verification ([Google mails postcards](#))
- Owners able to view demographics, historic wait times, and other useful data analytics.

Future Work

- Once owners are ‘verified’, allow them to push notifications via App to customers who have “Checked In” to their business in the past.
- Reviews, may just push/pull from a popular review site, but only current reviews would be seen (5 ★’s from 2012 might be useful on Angie’s List).

Potential Risks to the Project

- Business Ownerships within app
 - Verifying real owners
- Malicious users inputting information
 - Incorrect wait times
 - Incorrect admission fees
- Users, or businesses may not have the desire to use the app
 - Business Aspect- Is it worth investing time to upload specials and events for people to see
 - User Aspect - Will it be used and will it be accurate

Summary

In one word: Balance

Users

- Current & accurate feedback from fellow customers about Bars & Restaurants nearby.
- Better choices for their needs.

Owners

- Helps get both new and old customers in the door, with little to no effort.
- Analytics help grow the business going forward.

Questions

