

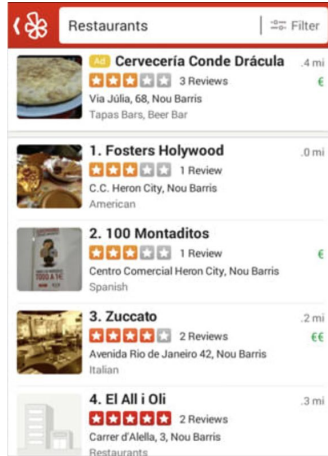
Team

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popfund: Initial Schedule and Project Plan

Milestone 1: (~May 14)

- Frontend:
 - Prioritize implementing a fully functioning list view of businesses. Proceed to work on UI and basic functionality of the rest of the pages.
 - Design the UI
 - List view of businesses (and implement before designing others)
 - Use AlamoFire to fetch data from the backend
 - Registration/Sign-in Page (doesn't need to be functional yet)
 - Account page (doesn't need to be functional yet)
 - Map page (doesn't need to be functional yet)
 - *List view of local businesses that are registered with our app
 - These businesses will be registered under our app
 - Manually generate "test/dummy" businesses into the database (backend) for now
 - Registration for businesses will be implemented in Milestone 3
 - List view UI for businesses
 - Imagine something like Yelp list view of restaurants



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- Display basic information:
 - Picture, Name, Ratings, Short Description, Distance
 - Fetch this information using Alamofire
 - Search bar to search for businesses through name text
- Backend:

Setup Basic DB, fetching to populate front end list view.

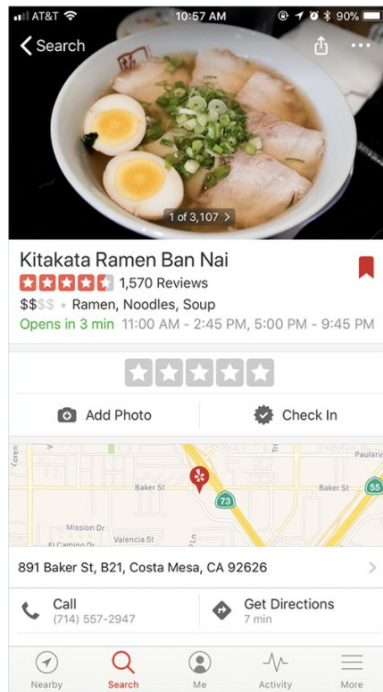
 - SetUp/Maintain a basic collection of Businesses via db like SQL or MongoDB
 - PID
 - Business Name
 - Business Description
 - Business Rating
 - Business Lat, Long
 - Basic applications capabilities: fetching data
 - Simple fetch of surrounding businesses from the frontend (possibly using Lat, Long as parameters)

Milestone 2: (~May 24)

- Frontend:

Implement a map/GPS page. Work on designing the detailed business page (segue from list view).

- Sort by locality (i.e. euclidean distance from current gps position)
 - Mobile GPS Access
 - Should build off of the list-view page (which already has “Distance” attribute)
 - Implement distances on the map feature
- Allow creation of business profile, and full page of each business and its needs, things to buy/bid on, etc.
 - Accessible by clicking on business from list-view
 - Detailed view of each business
 - Available items for purchase
 - Worker goal (number of workers)
 - Bids (list of auctioned items)
 - Make Donation



- Backend:

Addition of items, fetching and editing data, basic table for individuals implemented.

- Application capabilities increased and restricting:
 - Adding items for sale
 - Adding items to auction
 - Adding fund goals
- More details added to business DB
 - Email
 - Phone Number
 - Link to website
 - Items for sale
 - Items in an auction
 - Funding goal (employees paid)
- Another basic table set up for the Individuals including:
 - Name
 - Password
 - Email
 - Option for Name hidden or shown while donating
 - Collection of Transactions
 - Location (location access enabled)

Milestone 3: (~June 6th)

- **Front End:**

Finish up sign-in pages. Polish app and make sure connections to the backend is running smoothly.

- Sign up / Sign in pages for Individuals and Businesses
 - Sign up / Registration
 - Name / Business Name
 - Email
 - Password
 - Sign in
 - Email
 - Password
 - Test usernames and passwords against what's in the database before allowing access
- Begin testing app for the following:
 - Payment API will work
 - Adding/deleting funding requests to the business page

- **Back End:**

Clean up code, implement payment API requests, ensure capability to populate DB

- Handle user tables and simple authentication of users when they log in.
- Implement Payment API and handle payment requests from the front end
- Clean-up code and remove unnecessary fetching/setting
- Add registration ability for businesses and individuals to populate the database