Google Maps Store Locator Software Requirements

# Goals

Build a google map store locator to allow users to find stores near them

# User Stories

As a <User>, I want <Goal> so that <some reason>

* As a user, I want to see what are the available stores around me.
* As a user, I want to input post code to find list of stores near me
* As a user, I want to see the list of stores around my post code and also see the distance.
* As a User, I want to able to see all the stores on the google map so that I know where they are located.
* As a user, I want to click on a store and I should able to see the details on the store on map.
* As a user, I want to able to click on a stores direction so that it will show me the direction on map.
* As a user, I want to able to click on a phone icon so that I can call the store.

TASK: Complete User Story for seeing stores around a user’s zip code

# Flow Diagram(Swimlane)

Shows who does what in the process ([Example](#_l1coi9rquib1))

TASK: Complete Swimlane for seeing the stores around a user’s zip code

# Business Requirements

General requirements of what the business needs to do to stay in business

TASK: Complete Business Requirements for Home Page

* Allow users to find stores near zip code.
* Show the user a list of stores 2 miles within the zip code.
* Allow a user to view more info about the store.
* Allow user to see the directions from their location.
* Allow users to call directly to the store.
* Show the following info on the store:

1. Address
2. Phone Number
3. Open status
4. Store Name

# Technical Requirements

* Use Google Maps JavaScript API
  + <https://developers.google.com/maps/documentation/javascript/tutorial>
* Use NodeJS for API
* Use MongoDB Atlas for Database
* Use Google Maps Geocoder to geocode users zip code
  + [https://developers.google.com/maps/documentation/geocoding/start](https://developers.google.com/maps/documentation/geocoding/start?)
* API Endpoints
* GET: “stores/”
* Return list of stores
* GET: “stores?zip=<>”
* Return list of stores within zip code.
* POST: “stores/”
* Save list of Stores in DataBase.
  + TASK: Complete a list of API endpoints that you think we will need for the API

### 

### Swim Lane Diagram Example

Credit: lucidchart.com

