**Team Members**

* Nicole Albright
* Russel Stack
* Igor Guba
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**Project Title**

* Events2Eats

**Project Description**

* We are creating an application that allows the user to plan their evening based on events and restaurants in close proximity to one another in a defined location. If the user already has tickets to an event, and they are looking for a suggestion of where they are able to go to dinner, they will be able to enter their specific event information and receive a list of nearby restaurants with the location, full menu, reviews and ability to make a reservation. If the user does not have a pre-planned event, the application will also provide events going on in the desired location where they can proceed to purchase tickets, and then choose a nearby restaurant to provide an overall night experience beyond just dinner and a movie. The purpose of our application is to provide convenience and an extraordinary experience to the user when planning their evening.
* This app will be in great use of people that are traveling who are not familiar with the area, or even people that need some assistance when it comes to making plans in their own area.

**Sketch of Final Product**

**APIs to be Used**

* <https://developers.zomato.com/>
  + We will use the Zomato API to retrieve information of local restaurants based on location. We are looking to pull information including the address of the restaurant, the menu, the category of cuisine, the reviews, and possibly the ability to make a reservation.
* <https://www.meetup.com/meetup_api/docs/>
  + We will use the meetup API to find local events happening in the provided area. The API key will also be used to be able be able to enter a pre-planned event you will be attending for the evening so Zomato can provide the user with a list of nearby restaurants.
* <https://developers.google.com/maps/documentation/embed/get-api-key>
  + The google maps API will be used to determine the distance between the event venue, and selected restaurant the user decides to dine at.
  + It will also provide us with a map of both the event venue and the restaurant. We are looking to add a visual map on certain pages of the application.

**Rough Breakdown of Task**

* Each team member retrieves their own personal API key for each API we will be using (Zomato, Meetup, Google Maps)
* Create the skeleton HTML AND CSS so JavaScript code development can begin. This includes:
  + Page header and back button
  + input boxes for events and location
  + div sections for event and restaurant buttons to be generated
  + retrieve input info and give to MEETUP
  + take MEETUP info and give to ZOMATO as a search parameter
  + find all restaurants by radius
  + refine by cuisine
  + display google map with event and food location

* (we still need to meet again to break down every specific task and pseudo coding needed to make application successfully work)