Team 8:

Project Features List:

- **Sign in/out/up**
    - Each user can sign in and sign out of their accounts. If they aren't already signed up, we will take them to a screen for signing up where they can make their account.
- **Category of the restaurant/food type / User search their food**
    - Once the user signs in, they will be asked what type of food they want. We will have a place where they can select what genre of food (Burgers, Mexican, Italian, Chinese, Fast Food, Dessert, Coffee Shops, etc…). Their selection will help us recommend them a restaurant
- **Recommending Restaurants for people to eat**
    - This is one of the main features of our product. After users select the type of food they want to eat, we will suggest to them a list 5 restaurants
- **People can post reviews on the restaurants**
    - We want this feature to be similar to Yelp. This will allow users to see what other people thought about a particular restaurant.
- **People can save their favorite restaurant to the savelist.**
    - People can save their favorite restaurants so they can have access to promotions and we can use this info to recommend better restaurants
- **Overall Rating System for restaurants.**
    - A way to rank the restaurants so we can suggest the best ones for each user
    - Each restaurant will have a score for the individual user that the database uses to give the user the most relevant restaurant based on the higher score
        - i.e If a user inputs that they want a mexican restaurant than a restaurant labeled as
- **Photo of menus of the restaurant**
    - Restaurant menus posted on the restaurant's page.

- **Calculate how long it will take to get to restaurant**
    - Gives an estimation of when will you get to the restaurant from the user's location
    - includes traffic and gives time to the user if user chooses to drive or walk

Requirements:

- Functional
    - Users can see photos of menus of the restaurant.
    - The website should be integrated with Yelp API
    - The software automatically validates customers
    - The background color should make user feel comfort (warm color)
    - The website should display a button/drop list or users to select categories.
    - Users could post messages on the public feed, and chat with each other
    - Users could save its settings in their account.

- Non-Functional
    - The website attendance limit must be scalable enough to support 30,000 users at a time. (CU Boulder Student Population)
    - The database has to be secure to prevent data breach.
    - The main module is independent of other things, so it's easy to add more modules in future, without messing up the functionality
    - PC users and mobile users should see proper web page layout.
    - Users should find the restaurant within 10 clicks.

Project Plan -- GANTT Chart:
https://docs.google.com/spreadsheets/d/1wiLk4D_uXblTXv7D3M0WBDheR5sl97U4yo-AL3Nd3EA/edit?usp=sharing

	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11(Spring Break)	Week 12	Week 13	Week 14	Week 15
Day	1 2 3 4 5 6 7 8	9 10 11 12 13 14 15 16 17	18 19 20 21 22 23 24 25	26 27 28 29 30 31 32	33 34 35 36 37 38 39 40 41 42 43 44	45 46 47 48 49 50 51	52 53 54 55 56 57 58	59 60 61 62 63 64 65 66
Day in the Month	17 18 19 20 21 22 23 24 25 26 27 28 29	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	18 19 20 21 22 23 24 25 26 27 28 29 30 31	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22
Milestone Due Date	2	3	4	5	6

Meetings / Milestone Due

Tasks:
- setting up Environment
- Frontend design
- Database for users
- Database for Restaurants
- Sign in/up
- Photo of menu
- Searching Function
- Posting reviews
- Posting on public feed
- Category of the restaurant.
- Rating System
- Restaurant Relevance Score
- Savelist
- Recommending Restaurants for people to eat
- Chatting Function, User to User

Team:
- Tyler
- Adrianna
- Yibo
- Henry
- Coren
- Tiancheng