

## **CCAPDEV MP Specifications**

**Zarap**, a restaurant recommendation system

This system provides the users information, menus, other user's reviews about a certain restaurant. In addition, the user can also be a restaurant admin, where he/she can also provide information of the restaurant he/she is managing.

### **FEATURES**

#### **I. General Users**

##### **View restaurants**

Upon visiting the web page, the user will be allowed to view all restaurants as well as filter searches. The user can opt to register/log-in to have access to more features (like viewing the restaurant menu and reading the ratings and reviews of fellow users). The users will be greeted with featured restaurants of certain cuisines / fresh news of restaurants to entice the users.

##### **Search restaurants**

Users can search for restaurants via certain filters such as name, location, cuisine, and establishment type (breakfast, lunch, dinner, coffee, milk tea). Moreover, users can further filter out the results by budget or rating. Users can have the results be displayed in a specific other (by feature and either ascending or descending).

##### **Log in**

Upon visiting the web page, the user may log-in to his/her registered account. Logging to his/her account may allow the user to view reviews of the restaurant given by different users, and also the menu of the restaurant. Logging into the account also gives the user permission to give reviews to his/her visited restaurants. It also allows them to follow other registered users to be updated on their activity.

Not logging in only allows the user to view the basic information about the restaurant such

as description, address, operating time and contact details.

##### **Create an account**

The user, who is a visitor, can opt to register his/her account by providing his/her personal information such as full name, email address, and home address. A confirmation email will be sent to the user's registered email address to verify the account. The user must confirm his/her email address by clicking the link given in the confirmation message.

##### **View user profile**

Registered users can view their profile which will allow them to view their personal information which includes their full name, email address, and home address. They are also given the ability to edit their personal information freely, except for their email address which will require approval from an admin. They can also view the restaurants they have reviewed and the amount of points they have garnered from making reputable reviews. Reputable reviews are reviews agreed by other users through likes.

##### **View restaurant's profile**

This allows the user to view information about the selected restaurant. Non-registered, the user can only view basic information. These basic information contain a short description, complete restaurant address, contact details, operating time and an overall star rating of the restaurant. Registered users can view additional

information about the selected restaurant. These additional information are the menu of the restaurant (prices are included) and all the reviews from his/her followed user. Reviews can be filtered by most recent, most helpful and the reviews of his/her friends.

#### **Rate restaurants**

Registered users can rate restaurants by giving a 1 - 5-star rating depending on the overall quality of the restaurant. In addition to that, users may also provide written reviews and include photos for the other users to base off of.

#### **Edit a restaurant review**

The registered users can only write 1 review to a restaurant he/she had visited. When a user edit his/her review, the old review will be overwritten by the new review. A user cannot edit other user's review.

#### **Delete a restaurant review**

The user is allowed to delete his/her current review. A user cannot delete other user's reviews

#### **Like a review**

The reviews of the users can receive likes from other users or his/her followers when they agree on the review given. The user can also give likes to other users when he/she agreed on the review given

#### **Log out**

The user may log out his/her logged in account. Logging out removes the advantages of having a logged-in account, such as viewing reviews and menus, writing a review, etc.

#### **General**

Good user experience. Visitors can easily navigate without help, all information is easy

to access. Good visual design. Design suits the theme of the application, and is cohesive and consistent across the whole application.

#### **Search people (Additional Feature)**

A registered user can view other user's profiles either through searching their names or clicking on their names in reviews they have made for other restaurants.

#### **Follow people (Additional Feature)**

A registered user can follow other people by going to their profile and clicking follow. By following people, the user can get updates on their activity.

#### **Check followed people's activities (Additional Feature)**

The user can view up to 10-15 of the most recent activities of the people he/she has followed so far when he/she clicked on the profile of the people he/she followed. He/she can then see the list of restaurants the people they followed has either visited, recommended, or reviewed recently.

### **II. Restaurant Admins (Additional Feature)**

#### **Log in (Additional Feature)**

Upon visiting the web page, the user can log in as restaurant admin if he/she is managing a restaurant. Restaurant admins are required to log-in to his/her account in order to submit his/her restaurant's information to the Zarap (web) admin.

#### **View restaurant's profile (Additional Feature)**

Registered restaurant admins have additional features where they are allowed to edit their restaurant information freely, except for the name and address of the restaurant which will require approval from an admin.

### **III. Zarap (Web) Admin (Additional Feature) View and export restaurant data (Additional Feature)**

The admins can view all restaurant information recorded and if needed, they can export the data into a CSV.

#### **Admin page (Additional Feature)**

The admins of the website are the only people who are authorized to manipulate important data of restaurants as well as manipulate the restaurants themselves. The admin's credentials when logging in are identified by the computer and will provide admin access once logged in. Once the user is in the admin page, he/she will be greeted with several admin options such as editing restaurant information, registering /deleting restaurants, viewing restaurants, and exporting restaurant data.

#### **Registering a restaurant (Additional Feature)**

The admins will be screening submitted restaurant information from restaurants admins (via email). Once the restaurant has been screened, the admin will now register the restaurant with the information provided so that it will be added to the database. If the user is managing his/her own restaurant. He/She may request the Zarap (web) admin to register his/her restaurant by providing the necessary information. All the information provided together with the restaurant will require admin's approval. Once the admin approves his/her restaurant, the user will now become restaurant admin. The user's email that is linked to a Zarap account will be made restaurant admin.

#### **Deleting a restaurant (Additional Feature)**

The admins can delete permanently closed restaurants so that it won't mislead the users.

### **Edit restaurant information (Additional Feature)**

The admins can manipulate approved restaurant information changes submitted by the restaurant owners. Crucial information such as restaurant address, restaurant name will only be editable by the admins (once request to edit has been approved).