

CSC309 Lab 4 Design

Describe the application you are building

(Name Undecided) is a platform for hosting/joining in-home restaurant(secret supper clubs), private dining event and food delivery. It gives chances for users who love to cook to host private dining event and to provide tastes of authentic cuisine. Some hosts may even consider to provide a delivery option if they lack of space to host the meals. On the other side, guests can search for the type of cuisine they would like to have or the private dining event they would like to join, make a reservation or delivery order.

Feature set

- **User Profiling** - A collection of personal data associated to a specific user and it may include information about her identity, email address, user location, and restaurant visited etc.
- **User Authentication and Authorization** - A match of username/email address with password to identify an user.
- **Social Network** - Hosts and guests form a social network. In such networks, users can interact with one another: can review each other, provide references, and other users make decision based on those reviews and interactions. (Kind of repeated with the next one?)
- **Rating and Commenting** - Under the page of each host(restaurant), guest would be able to rate and comment on that offering based on their experience on the service.
- **Search and Recommendation System** - A guest can search any restaurant base on either of the following or a combination of multiple.
 1. type of cuisine
 2. Location of the hostBased on rating or host promotion, provide recommendation of host or specific promotion with pictures .
- **Admin** - basic admin functionalities, including but not limited to changing passwords, updating and deleting information, and initializing/repopulating the database.

Other important features you may want to add

- **Calendar and Reservation System** - Calendar provides a schedule of when would the host be available for hosting, a guest can choose a date and time among the availability to make a request of reservation.
- **Map for delivery zone and restaurant position** - A pin point showing position of the host, and a shaded area for zone of delivery if applicable.

Team information and allocation of feature set

Name	CDF id	Task Allocation
Ruo Lin Chen	c5chenru	host page, place order
Zihang Fu	c5fuziha	Admin, comment page
Jiaqin Meng	g4mengji	main page , profile page
Yu-Hsuan Yang	g4yanggy	search result page, registration + log in