

Group Members: Shi Yong Goh, Jose Carlos Garcia, Scott Fank

Title: CUISINE

**Description:** Cuisine is a graphical table reservation application that accommodates two types of users, restaurant staff and customers:

- Customers can reserve the table of their liking in real-time and make requests while seating.
- While the staff is able keep track of tables in use and manage requests.

Additionally, Cuisine also maintains both customers and staff reviews via a star-based ranking system.

**Required functionality:**

1. The user(s) can create, update, select type, and delete a profile. [20pts]
2. The user(s) can reserve tables from a graphical view of available seating, tables reflect the changes. [10pts]
3. The customer can make changes or cancel the reservation up to 30 minutes before the reservation. [10pts]
4. Reservations' information is saved in cloud. (Time, name, table number, # of people) [15pts]
5. The owner can view all the reservations in a similar graphical interface. [10pts]
6. User(s) can rate their experience through a 0–5-star rating system. [10pts]
7. The owner can rate users though a 0–5-star rating system. [10pts]
8. Customers can track receipts, expenses, and calculate tips using the app. [10pts]
9. Customers can make request for their tables via the app (refills, ready for check, etc.) [5pts]

**Bonus functionality:**

1. Owner can re-arrange tables to accommodate to their unique restaurant layout. [5pts]