

CS490 Project Charter

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1. Problem Statement

We would like to create an application for food lovers to share their recipes and experience. Today, there are all kinds of social networks, but none of them are specifically designed for gastronomist. Therefore, we would like to create one. There are similar systems, such as 52food and Pinterest. Our project will be different from them in the design aspect. We will design it specifically for normal food lovers, gastronomists and even professional chiefs to share their recipes and experience. We will also increase the social network function in this project. For example, we will add instant message and local feed functions.

2. Project Objectives

a. Posting food recipes and pictures.

Users are able to post their recipes with picture. The post will also contain the author's public information. The recipes contain step by step procedure. Users can also create their own menu that can add their favorite recipe.

b. Local and global posts.

User can browse posts near the user as well as the global posts. We will collect the data of users' locations and compare with other users' location in order to decide whether they are in a certain range of distance.

c. Follow and unfollow other user

Users can follow or unfollow other users to see their updated recipe or experience post.

d. Instant Message

Users are able to chat with each other privately and in real time through our application.

e. Share location

Users are able to share their location when posting, they can also choose not to disclose their location.

f. Users sign up and login

Every user should have their account and log in with his own password. Verified account will be available for professionals such as chief and food critic.

g. Users login recovery

Password and username can be recovered via email. If the user sends a request to recover, the application will generate a temporary link to reset the password.

h. Anonymous posting

Our app allows Users to share information anonymously.

3.Stakeholders

a. Users:

Normal food lovers, gastronomists and professional chiefs

b. Customer:

Online food market companies, Restaurants and Supermarkets

c. Software developers:

Di Yao, Hanxun Huang, Kai Sun, Yijie Wu

d. Development Managers:

Alina V Nesen (Or other TA assigned to our team)

4.Deliverables

An application that allows users to share their recipes online, follow or unfollow other user, with comment and instant message functions. Users can easily go through all contents such as recipes and ask cooking questions of other user's post locally and globally. User can add their favorite recipe in their menu. When users find a recipe that they are interested in, they can look up the author's public information and follow or chat with that user. The application is runs on iOS devices and written in Swift.