

Project Idea Submission

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Group 7

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Project Idea Summary

General Purpose

A social sharing app will be developed where users can post photos of and review meals. This will give foodies a casual platform to post photos, recipes, and restaurant experiences. Both home-made cuisine and restaurant dishes can be shared and reviewed in detail with friends or the public. The team will primarily focus on implementing a login system, and the simple functionality to add a review to a database. Once that is complete, it will be considered to expand the scope to include sharing these posts between users.

Intended Audience

Food lovers:

Love to explore new cuisines, restaurants, and is willing to share personal culinary experiences.

Restaurant diners:

Keen to find popular local restaurants and share their dining experience.

Cooking enthusiasts:

Love homemade food, sharing homemade recipes, and are open to feedback from others.

Insiders:

Passionate about checking out new restaurants, sharing in-depth reviews, and connecting with other food lovers through the platform.

Set of Features - Minimum Viable Product (MVP):

User Registration & Logic Overview:

The product must be able to allow users to create a username and password to login to *Snackmap*. These credentials can then be used to login, write personal posts, and see the posts of others.

Personal Homepage:

Within the personal homepage, the user is able to edit personal information such as their public profile picture, nickname, and bio. There will also be a “create a review”

option, where a user can create a new review that consists of a picture, description, location, type of review (restaurant, homemade dish, etc.), and overall rating (stars). The personal homepage will also store all past posts from the user.

Friends Homepage:

On the “friends” homepage, a user can find the posts of their friends. Additionally, there will be options to like and comment on these posts.

Social Features:

Users can follow other users and see what their friends or connections are up to. Scope can be increased to support the function of private messages with friends.

Management & Privacy:

Users can manage the privacy settings for their posts, choosing Public, Friends Only, or Private mode.

Set of Features - Nice to Have:

Explore:

This page is dedicated to pushing restaurants, recipes, and user content based on user interests or recommendation algorithms. It will provide popular hashtags, recommended restaurants and other sections to provide users with cuisine inspiration.

Personalized Recommendations:

Users will be able to recommend relevant content to users based on their likes, views, interactions, and geographical proximity.

Notification System:

Notifications are sent to the owner as another user comments, likes, or private messages.

Search & Tags:

Tags will allow for the categorizing of content. Users can search for food, restaurants, or users by keywords or tags. These tags can include location, cuisine type, price, etc.

Geolocation Features:

Users can see user recommendations for nearby restaurants based on location. Ideally, this would be able to be viewed on a map.

Authentication Registration:

Allow users to connect emails or third-party accounts (e.g., Google, Facebook) to *Snackmap* accounts. This will provide users with retrieving passwords if needed.

Data Type Description

User data: includes the user's personal information (such as avatar, nickname, email, etc.), the user's friend list, and the following list.

Dynamic Content:

Food photos, videos, text descriptions and tags uploaded by users, as well as user comments and interactions with the content.

Geolocation Data:

Geolocation data used to tag the location of a restaurant or the source of a dish posted by a user.

Interactive Data:

including users' likes, comments, shares, attention and other social interaction data, as well as the content of private messages between users.

Recommendation System Data:

Generate interactive data required by the recommendation model by analyzing users' browsing, liking, and commenting behaviors

Additional Information

The following figures include rough visions of various landing pages and user interfaces present on the app.

