Foodstabook Mobile App

Overview

Deciding what we want to eat is a process we all go through almost every day. Often couples, families, and groups of friends work together to decide what to order for lunch or dinner. This process isn't always so quick or easy and people often use a smartphone app to help them. Foodstabook is a social media app for foodies sharing pictures and information and making it easier to find that great new restaurant that opened nearby. Foodstabook welcomes users to upload photos and tags, share comments and reactions to posts appearing in their custom-real-time feed, and use a meal suggestion tool to pick a restaurant based on their and their selected friend's profile. Foodstabook is a fun, interactive social media app all about food and foodies.

Product Vision: Foodstabook

For (target audience):	General public age 14 and older.
Who (needs):	Help choosing what to eat for their next meal.
That	Provides suggestions and photos of foods they and their friends and family will like.

Expanded Product Vision

Foodstabook is as fun and engaging as the most popular social media apps but centered on food and foodies. Foodstabook is the place where you want to drop your food photos and your go-to app for finding your next food craving. Foodstabook can help you decide what to cook at home, where to get take-out, or what would be a fun brunch date spot.

Core Components:

Logging, Users, Datastore, Error handling

Minimal Viable Product Features

Core Features +

Food Suggestion Tool (get user input and give suggestions)

Post Photos with Tags and Descriptions (search by tags

Add Friends, See Friends Activity/ Profile Page.

Direct Message Users

News Feed - See recent photo posts in your area and from friends

Search Posts by Tag, time, location. - Sort by popularity.

1. **Food Suggestion Tool** -Tram

User story name: Food suggestion feature
Actor: User
Summary: As a user, I want to use the Food suggestion feature to help me pick a restaurant randomly or based on my preference.
Description: Before the app makes the suggestion, it will ask for the user's location in order to suggest nearby locations. The user will either accept or decline to share the location. After that, the app will ask whether the user wants to have a Random suggestion or based on some preference. ● If pick "Random" - the app will proceed and give out suggestion ● If pick "Based on preference" - the app display choices that user can pick For example: Fast food, Vegan, Healthy Food, etc.
Functional & Non-Functional Requirements: TO-DO ● Suggested locations must: still in opening hours, fitted the preferences **Pre & Post Conditions: TO-DO.**

2. **Post photos with descriptions and tags** - John

User Story Name: Post photos with descriptions and tags.
Actor: Registered User.
Summary: A registered user on the app wants to post a photo they took of their food item so they can let their friends know about what they are eating and where they got it.
Description: The user is logged into their account and is on their main page.

They select the option to create a new post. They choose to upload a photo from their device. A preview of their post with the photo is shown to the users. The user can select to change the photo, or cancel creating the post. The user has the option to write a description to go with the photo as a caption and tag locations, friends, or keywords. The user reviews their post before selecting to finish and post to their page. The user can then observe their post on their page and in their news feed.

Functional & Non-Functional Requirements: TO-DO

Pre & Post Conditions: TO-DO.

3. **Social media - add friends, see friend's activity, direct messages** - Dishant

- Add friends - all users must have a username(must be unique and different from all other users). A user can search their friends username to become their friend.

Social Media

User case	As the	I want to <goal>	So that <result>	Acceptance Criteria
	App	Ask user "For their friends username"	User can connect with their friends and see their activities.	If the username pops up "send friend request"
	User	By using search features users can look up their friends username and send friend requests.	Users can see their friends' posts and message them.	

Original Features In Rough draft

- <mark>View and post photos and short videos with tags, reactions, and comments to your user main page.</mark>
- <mark>Get suggestions on what to eat based on your profile and your friend's unique profiles - (algorithm generates custom updates to each user's activity news feed.) Scroll a feed of the latest posts from friends, and popular posts in your area customized to each user.</mark>
- Show local restaurant information, such as distance from the user, hours of operation, website, phone number, and social media using an interactive map. The map shows the locations of recent tags in your selected area.
- Browse and search the Foodstabook Recipe Box. Add ratings and comments, and contribute your own fav recipes.
- The forum area allows users to engage in a communal space to ask questions, promote events and make new connections.
- Update your public profile, follow friends on Foodstabook and view other users' public profiles and lists of friends. Get friend suggestions and search for new friends.
- Use the Meal Planning and Nutrition Zone to plan ahead healthy meals for the work week ahead. Get meal sizes based on your calculated daily nutrition needs and personal goals.

Future Product Expansion

Expanded feature set for Foodstabook might include tools for ordering take-out or pickup. An augmented reality feature could let users see what the food would look like on their table. A digital assistant responds to the user's voice and helps walk a beginner chef through a new recipe while they prepare it.

Product spin-offs include apps such as Fashionstabook, which has users sharing photos and videos of their favorite new outfits, suggesting local clothing stores, and connecting people with their local apparel makers. Fashionstabook could include a marketplace for new and used clothes and accessories. Other spins-offs: Travelerstabook, a social app centered on travel and tourism, Naturestabook for outdoor enjoyment, and Createrstabook centered on makers of all kinds sharing their latest accomplishments.

Core-Component User Stories

User Registration: John

User Story Name: User registration.
Actor: Guest user / Unregistered user.

Summary: An unregistered user on the app wants to become a registered user so that can use the app to post photos and add friends.

Description: User opens app and selects to register as a new user. The user is prompted to provide an email address, then to choose a username and create a password. The user will then be logged into the system and be able to complete their user profile, and begin using the features of the app reserved for registered users only.

Functional & Non-Functional Requirements: TO-DO

Pre & Post Conditions: TO-DO.