

Student Recipe Sharing Platform

Ideation document

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S2-CB03

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Git repository

<https://git.fhict.nl/I526066/individual-project-recipes-for-students/-/tree/main/>

Description of the application

The Student Recipe Sharing Platform is a platform that changes the way university students approach cooking. It transitions traditional recipe books to a dynamic online platform, offering a user-friendly web application that encourages students to explore, create, and collaborate on budget-friendly and time-efficient recipes.

Moreover, the **web platform** aims to create a vibrant community among the **users**, enabling them to curate personalized profiles, browse through all available recipes as well as their favourite ones, create their own shopping list based on the recipes they picked and engage in interactions through ratings and reviews. With an expansive collection of culinary inspirations, students can effortlessly filter through many recipes with different dietary preferences, budgets, difficulty and time constraints.

Admins benefit from content management tools through the **software application** such as uploading recipes. This efficient system reduces administrative workload and ensures the convenient distribution of cooking resources to students all over the world.

Audience Analysis

The target audience of this project is mostly university students with limited time, budget constraints, and varying levels of cooking experience. By understanding their needs, the platform aims to provide practical and easy solutions to their culinary wishes.

Content

<content> : A blog post about recipes

<content_variation> : recipe post (about food/drink) which contains similar but also different data

<new_entity> : Reviews and ratings about **<content>** & **<content_variation>**

Sitemap

The following section provides information about various pages in desktop and web applications, including their functionalities. Additionally, it provides a visual representation of the admin and user interfaces.

Home Page (website - user)

- * Welcoming page
- * Popular recipes (highly rated by the users)
- * Login/Log Out options
- * View all recipes option
- * Contact (by email) options

Login/Register Page (website - user)

- * Login/Register option
- * Forgotten password option

Recipes Page (website - user)

- * Browse the most recently uploaded recipes by admins
- * Filter recipes by categories such as how difficult, time-consuming, budget, or based on different diet restrictions, etc.
- * Recipe details page with ingredients, instructions, ratings, and reviews by users

To Do List (website - user)

- * Added all of the user's favourites recipes
- * Shopping list generation

User Profile Page (website - user)

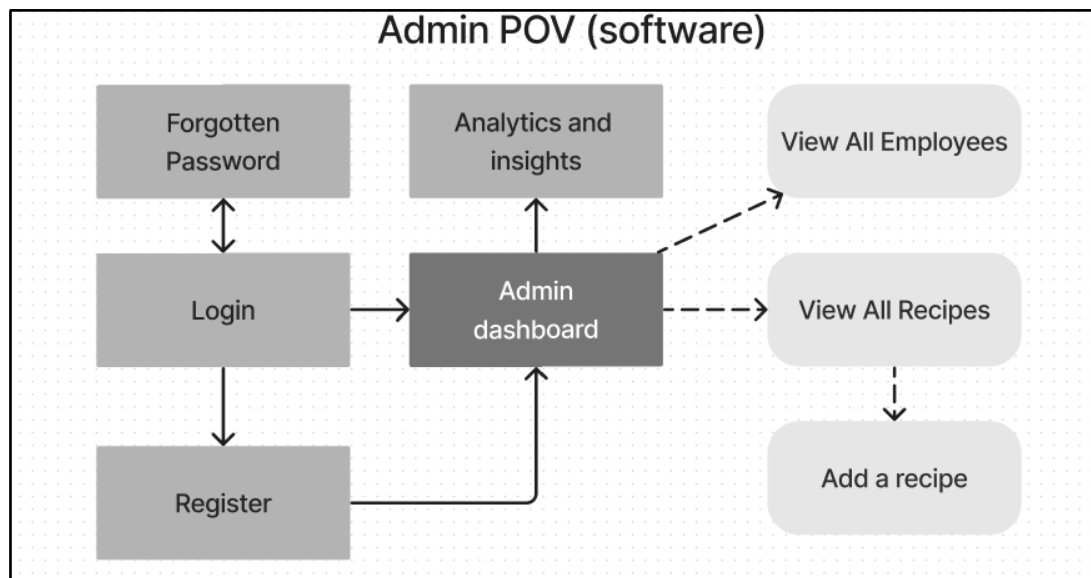
- * Allows user to personalise their profile
- * Option for editing user information

Admin Dashboard Page (software - admin)

- * Accessed through login/register page
- * Manage users
- * Upload recipes
- * Analytics and insights

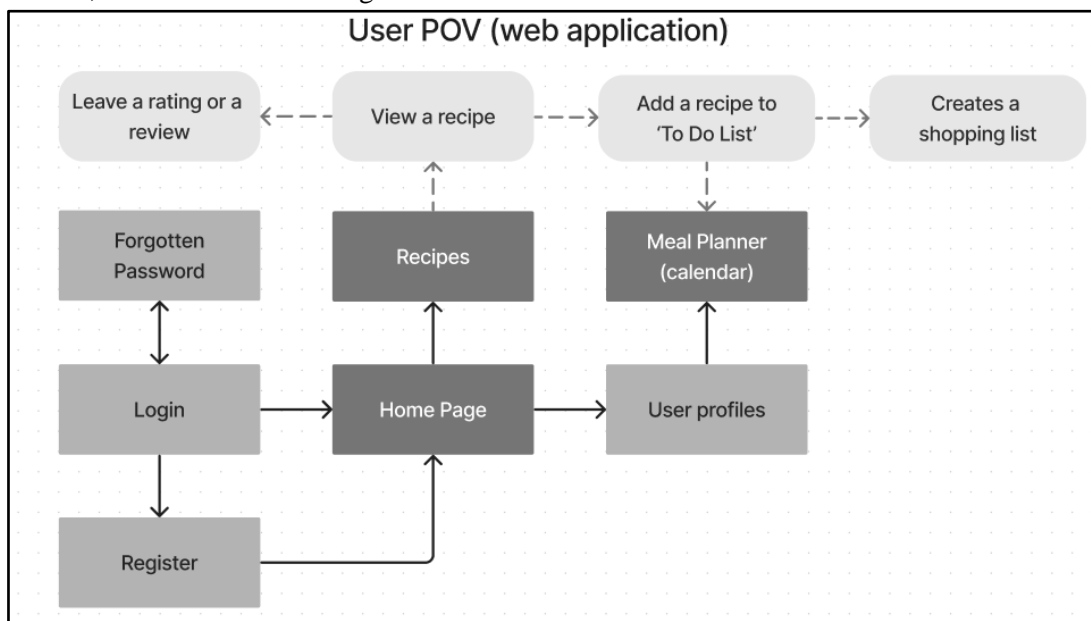
Admin POV (desktop application)

The following image displays a sitemap of the pages accessible to the admin and their respective abilities. The login page is the first page that all admins encounter. If they are already registered, they can log in with their unique username and password to enter the admin dashboard. If not, they must create their own username and password. The admin dashboard has three primary functions (as for now): viewing analytics and insights and uploading recipes. Nevertheless, employees have no access to the employee list, only admins do.



User POV (web application)

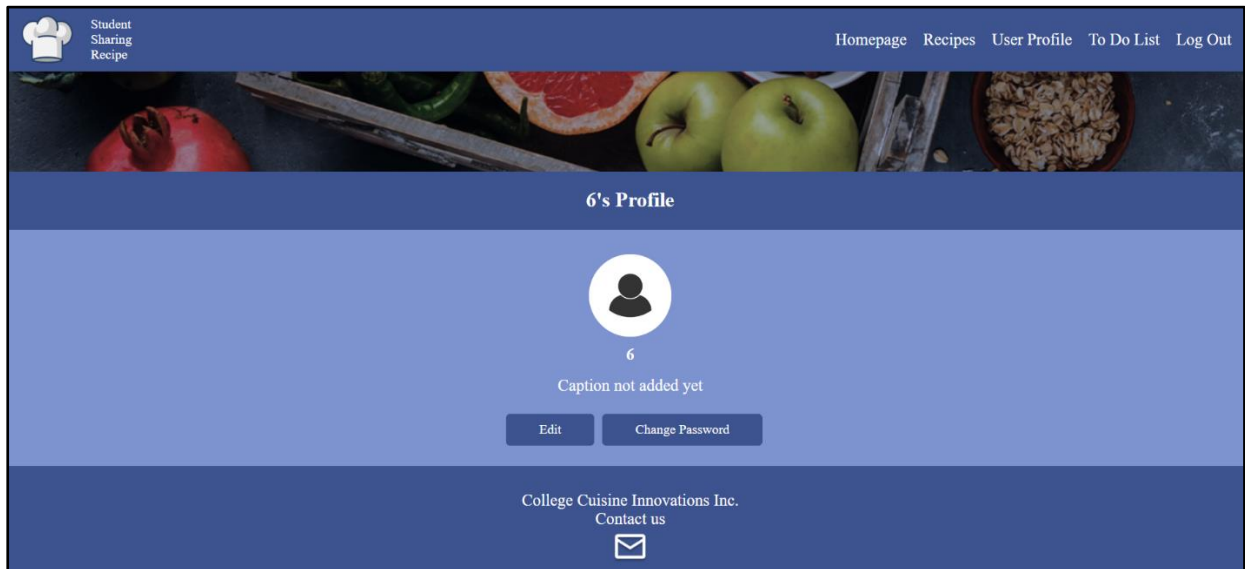
The following sitemap illustrates the pages that all users can access to through the web application and the corresponding actions they can perform. When they visit the website, they will land on the Homepage. From there, they can either log in or register to create their personal user profile. Once they have set up their profile, they can browse the available recipes, add them to their 'To Do List' and generate a shopping list. They can view each recipe in detail, check the ingredients and instructions, and even leave a rating or a review.




Wireframes

The following section represents some of the wireframes available to web application users.


User profiles



Recipes

 Student Sharing Recipe

Home Recipes User Profile To Do List Log Out



FILTERS

Title

Type meal

- food
- drink

Diet

- vegan
- vegetarian
- non-dairy

Difficulty

- easy
- medium
- hard


Cost
 -

Cooking Time
 -

More

- spicy
- alcoholic
- caffeine


RECIPES



Spaghetti

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Spaghetti

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College Cuisine Innovations Inc.

