

RECIPE MANAGEMENT PLATFORM

Introduction

- **Scope**

The Recipe Management Platform is a Web Application that helps keep your recipes organized and clear all in one place. It is a user-friendly and cross-browser compatible application.

This system will let you add new recipes, search existing ones, share your recipes with your friends, and upload images to visualize your recipes better.

- **Overview**

This document contains the main design for Recipes Management Application, described in the next section (Software Design Description).

Software Design Description

- **General flow**

- Login to web application
 - Login successful
 - Takes you to home page
 - Search option
 - Add new recipe button
 - Display existing recipes
 - Click on recipe
 - Add photo
 - Share
 - Save to collection
 - Edit
 - Add notes to self

- **Software Architecture**

The clientside will be written in JavaScript and JQuery; the server-side will in NodeJs. MongoDB will be used to save the recipes.

The user will log into the system upon opening the app. They will then be taken to the home page where they will see a display of existing recipes, have an option to add new recipes, share recipes with friends, upload photos to visualize recipes better and save recipes to favorites and collections.

Tests and Monitoring

- **Tests**

The following test will be run to make the functionality and usage of the app faster and friendlier.

- Browser testing
- Maul testing of the different features

- **Logs**

Scenarios like the following will be logged for better and faster functionality

- Login
 - Login validation
- Logout
 - Logout validation
- Log in and out success or error messages