ReciPlan

Project Requirement
Version 2.2

CMSC 495
For: Dr. Hung Dao
Due: 6 March 2022

Authors:
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Revision History

Revision	Date	Author	Changes
1	21 Jan 22	Scott	Initial creation of document
1.1	22 Jan 22	Josh	updated user and admin requirements to reflect Django standard interfaces
1.2	22 Jan 22	Danita	Added logo, revised topic, added guest requirements
2.0	29 Jan 22	Scott	Updated requirements table
2.1	30 Jan 22	Danita	Reviewed, slight formatting
2.2	1 Feb 22	Josh	Updated requirements table with proper verbage

Topic

ReciPlan is a website intended for chefs of varying levels of responsibility. This program is for the enthusiast who wants to try something new but is only cooking for one – to the catering chef preparing food for an event with hundreds of hungry patrons. ReciPlan allows users to browse a library of recipes or even create and submit their own favorites. Functionality includes automatic ingredient adjustments based on the desired number of portions, the ability to convert between imperial and metric measurements with the click of a button, ability to scale measurements when needed, and the ability to show and hide recipe instructions. Finally, an included shopping list allows users to populate a shopping list by selecting any/all ingredients that are needed for each meal they wish to prepare. Guests will also have limited access to the site to view recipes and change portions.

Requirements

Requirement ID	Description
RP-USER001	New users shall be able to navigate to the website and create a new user profile consisting of a unique email address, unique user ID and a password.

RP-USER002	Registered users shall be able to navigate to website and gain access by entering a valid user ID and password combination
RP-USER003	Registered users shall reset password via email confirmation
RP-USER004	Any user shall be able to search the included recipe library by recipe name using a search box.
RP-USER005	Registered users shall be able to create their own recipe and add it to the library.
RP-USER006	Registered users shall be able to clear a recipe while creating it in order to start over.
RP-USER007	Any user shall be able to click a button that will convert ingredient amounts between imperial and metric in the recipe detail view.
RP-USER008	Any user shall be able to change the target yield on any recipe to accommodate for the amount of portions required in the recipe detail view.
RP-USER009	Registered users shall be able to add ingredients to a shopping list directly from the recipe detail view.
RP-USER0010	Registered users shall be able to view their shopping list.
RP-USER011	Registered users shall be able to remove items from their shopping list.
RP-ADMIN001	Administrators shall delete user profiles as needed.

RP-ADMIN002	Administrators shall reset user passwords as needed.
RP-ADMIN003	Administrators shall be able to modify any recipe in the library.
RP-ADMIN004	Administrators shall be able to delete any recipe in the library.
RP-ADMIN005	Administrators shall create new admin accounts