**Software Requirements Specification (SRS) for "Savory Symphony"**

**1. Introduction**

**1.1 Purpose**  
The purpose of this document is to provide a detailed Software Requirements Specification (SRS) for the website "Savory Symphony." It is a recipe-based website that allows users to explore recipes, view categorized recipes, and create a personalized Recipe Vault by logging in and saving their favorite recipes.

**1.2 Scope**  
"**Savory Symphony**" is a web-based application primarily for food enthusiasts to browse and organize recipes. The website includes:

* **Homepage:** Showcasing food categories, quick and easy recipes, and access to all recipes.
* **Recipes Page:** Organized by meal type, season, and diet preferences.
* **Recipe Vault:** A personalized feature allowing logged-in users to save their favorite recipes.
* **Social Media Links:** Located at the bottom of every page for easy sharing.

The website will be built using **HTML, CSS, and JavaScript**, making it responsive and user-friendly.

**1.3 Definitions, Acronyms, and Abbreviations**

* **HTML:** Hypertext Markup Language
* **CSS:** Cascading Style Sheets
* **JavaScript:** A programming language used for interactive features
* **SRS:** Software Requirements Specification

**2. Overall Description**

**2.1 Product Perspective**  
"**Savory Symphony**" will function as a standalone recipe website. Users will have the ability to browse through recipes and save their favorites after logging in.

**2.2 Product Functions**

* **Homepage**
  + Display categories like Salad, Dinner, Lunch, Snacks.
  + Highlight Quick + Easy Recipes.
  + Provide a button to view all recipes.
* **Recipes Page**
  + Categorize recipes by:
    - Meal Type (Breakfast, Lunch, Dinner, Snacks, Desserts).
    - Season (Summer, Rainy, Winter).
    - Diet (Vegetarian, Non-Vegetarian, Sugar-Free, Kids-Friendly).
* **Recipe Vault**
  + Allow registered users to log in and save their favorite recipes.
* **Footer Section**
  + Display social media links for easy sharing.

**2.3 User Characteristics**  
The target users include food enthusiasts and general audiences interested in cooking. Users are assumed to have basic web browsing skills.

**2.4 Constraints**

* The website will be implemented using **HTML**, **CSS**, and **JavaScript** only.
* Responsive design for mobile and desktop.
* Secure login system for Recipe Vault.

**2.5 Assumptions and Dependencies**

* A web server is available to host the website.
* Users will require an internet connection to access the website.

**3. Specific Requirements**

**3.1 Functional Requirements**

* **Homepage:**
  + Display food categories (Salad, Dinner, Lunch, Snacks).
  + Section for Quick + Easy Recipes.
  + Button to navigate to the complete list of recipes.
* **Recipes Page:**
  + Subcategories based on Meal Type, Season, and Diet.
  + Search bar for recipes (optional).
* **Recipe Vault:**
  + Login and registration functionality.
  + Add recipes to the vault for registered users.
  + View saved recipes under the user’s account.
* **Footer Section:**
  + Social media icons for platforms like Facebook, Instagram, Twitter, etc.

**3.2 Non-Functional Requirements**

* **Performance:** Pages should load within 3 seconds.
* **Scalability:** Should handle up to 500 simultaneous users.
* **Usability:** Responsive design with simple navigation.
* **Security:** Secure user data in the Recipe Vault with proper authentication mechanisms.

**3.3 User Interface Requirements**

* **Homepage:**
  + Visually appealing banners for food categories.
  + Highlighted section for Quick + Easy Recipes.
* **Recipes Page:**
  + Organized layout with clear categories.
* **Recipe Vault:**
  + Simple and intuitive login system.
* **Footer Section:**
  + Clearly visible social media icons.

**4. Design and Technology**

**4.1 Tools and Technologies**

* **Frontend Development:**
  + HTML: For webpage structure.
  + CSS: For styling and layout.
  + JavaScript: For interactivity (e.g., login functionality, saving recipes).
* **Additional Tools:**
  + Google Fonts for typography.
  + Font Awesome for social media icons.

**5. Future Scope**

* Add a search functionality for recipes.
* Include user reviews and ratings for recipes.
* Implement advanced authentication using Google/Facebook login.
* Develop a mobile app version of the website.

This document serves as the foundation for developing **Savory Symphony** and ensures all necessary features are included for a seamless user experience.