SRS DOCUMENT FOR CULINARY CRAFTS: A FOOD WEBSITE

**1.Project Scope**

The Culinary Crafts project aims to create a dynamic web platform for cooking enthusiasts, home chefs, and foodies. It enables the users to manage recipes by creating, viewing, editing, and sharing their culinary creations. The social feature allows the users to interact with other users and share their own recipes. Additionally, the platform also integrates e-commerce functionalities, allowing users to purchase ingredients directly. The website also offers tutorials, video guides, and resources to help improve cooking skills.

**2.Intended Audience**

Culinary Crafts targets home chefs who enjoy cooking and sharing their recipes, food enthusiasts passionate about exploring different cuisines, amateur cooks who are learning to cook, and health-conscious individuals seeking recipes, tutorials, and ingredient shopping.

**3.Requirements**

**3.1.Functional Requirements**

-User should be able to register an account, login and logout

-Users can view a list of recipes and search for recipes by category or name

-User should be able to create, edit or delete their own recipes.

-Users can share the pictures of their own recipes in the social section.

-Users can browse ingredients, add them to the cart and purchase them.

**3.2. Non-Functional Requirements**

-Recipe page should load within 2 seconds under normal load conditions.

- The website should be intuitive and easy to navigate, with a consistent layout and clear instructions.

- User data, including passwords and sensitive information, should be stored securely using encryption.

**4. Specifications**

-Web application Built in MERN stack (MongoDB, Express, React, Node.js)

- RESTful API built with **Node.js** and **Express**, connected to **MongoDB** for database management.

- Allow users to create, view, edit, and delete recipes.

**5. Future Scope:**

- A native mobile app for iOS and Android could be developed for users to interact with the platform on the go.

- Expansion into international markets by featuring recipes from various cuisines around the world, enhancing the user base globally.

-Linking with Payment gateways to allow users to buy ingredients directly through the platform.