

IT 414  
Software Project Management

**Project Document**

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**Group: 11** (Team 1)

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## ❖ REQUIREMENT GATHERING

### 1. Document Analysis:

Evaluation of the existing systems was done:

- <https://www.allrecipes.com/>
- <https://attainu.com/blog/deliciously-recipe-discovery-web-application/>
- <https://cookpad.com/in>
- <https://10recipes.netlify.app/>

The literature study of these websites helped us understand various features of the project we aim to make.

### 2. Interviews:

- **Interview 1:**

Interviewee: Mrs. Veena Patel (Homemaker)

Interviewer: Mahi Patel

1. **Question 1:** Is it difficult for you to find the best recipe for a food item online  
**Answer:** Yes, it is indeed very difficult for me to find an appropriate recipe online since there are many resources available both on the web and on youtube. So, it becomes annoying to figure out the best one.
2. **Question 2:** How do you decide which recipe to follow?  
**Answer:** I usually click on the first link I see.
3. **Question 3:** Do you read comments or reviews?  
**Answer:** No, in a hurry I don't go through all of them, and they sometimes lead to disasters.
4. **Question 4:** What if the recipes are recommended based on your fellow people reviews and ratings  
**Answer:** Yes, if that is possible it will be of great help to always find the perfect recipe.
5. **Question 5:** Would you also like to add any of your own recipes to the platform?  
**Answer:** Yes, why not. I would love to share some of my creations with others to view.

- **Interview 1:**

Interviewee: Ms. Pragati Sharma (Youtube creator)

Interviewer: Vanshika Kochhar

1. **Question 1:** Is it difficult for you to find the audience to recommend your recipe

**Answer:** Yes, it is difficult to get views on them even though I try my best to make difficult recipes with easy methods.

2. **Question 2:** What is the reason for not getting the views?

**Answer:** People usually prefer the first link they see which is of a big youtuber. But sometimes our content is easier. It's just that it is not visible to the people

3. **Question 3:** What if you can add your recipes to a platform that sorts recipes not based on views but ratings?

**Answer:** That would be great since each local creator would get a chance to reflect his/her talent. I would love to use that system.

### **3. Brainstorming:**

- We first understood the problem statement and, as a group, had a clear understanding of tasks and issues to be solved.
- We came up with different sub-problem statements of this website and thought of the possible solution to them with the known technologies.
- We analyzed the flaws in the current systems and based on those we revised new requirements.
- We were constantly browsing through different websites and resources to get an in-depth knowledge of the proposed application.
- We learned to put our ideas in a structured and more refined manner through the lab assignments and the lectures.

## **Stakeholders**

1. Clients: Users of the website.
2. Project Team: The team that developed the project will also be maintaining it.

## ❖ FUNCTIONAL AND NON FUNCTIONAL REQUIREMENTS

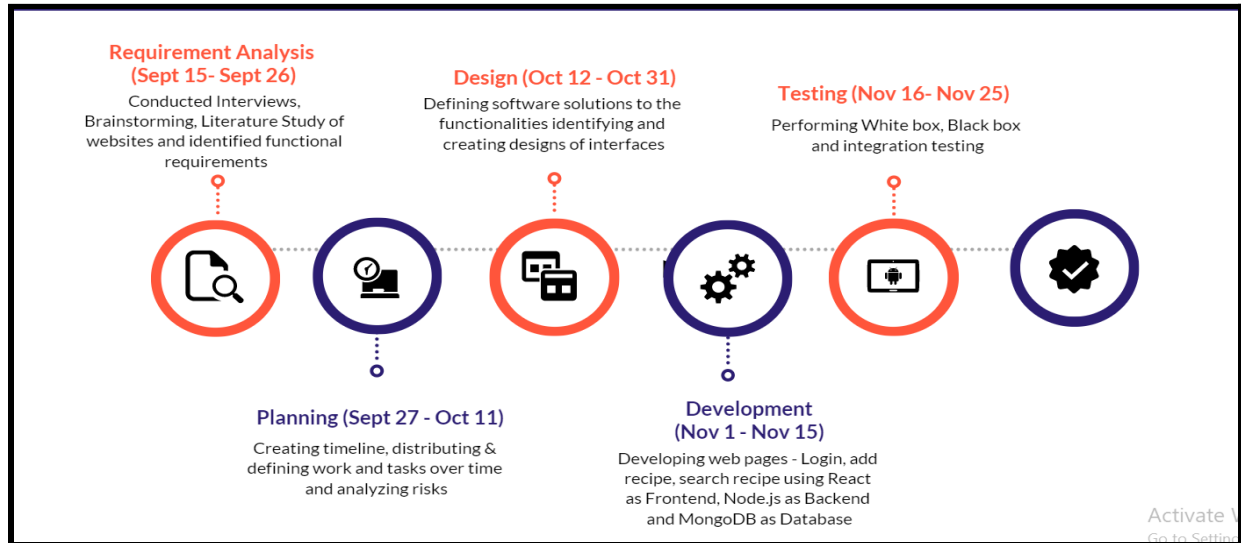
### Functional Requirements:

1. **Login:** The users of the website will be able to log in to the system before gaining access to their account through which they will be able to add, edit and wish-list any recipes.
2. **Search Recipe:** Users will be able to search for any particular recipes on the website.
3. **Review a Recipe:** Users should be able to review and rate any recipe published on the platform.
4. **Add Recipe:** Users will be able to share any new original recipes of their own with all other users of the platform.
5. **Edit Recipe:** Users will be able to make simple edits to any recipes that they have shared.
6. **View Recipe:** Users will be able to view all shared recipes by all users of the website.
7. **Wishlist:** Users will be able to add any website that has been shared on the website to their private Wishlist.

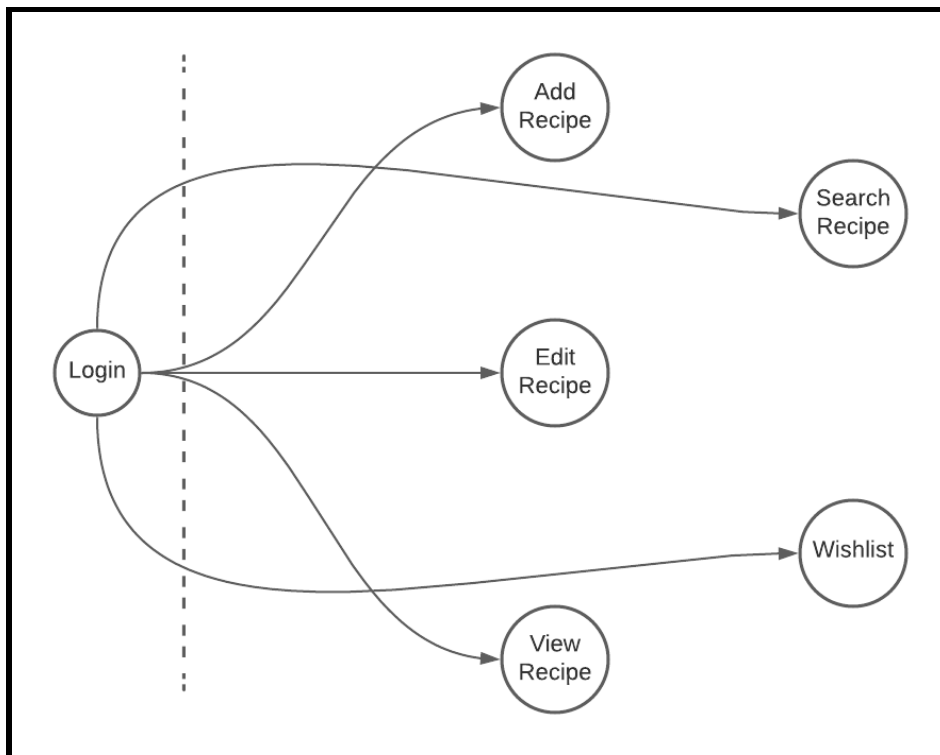
### Non-Functional Requirements:

1. **Security:** There should be end-to-end security on the platform. The login data stored in the server should be secure and only essential personnel should have access to it.
2. **Authentication:** Every user should be authenticated using a username and password before being able to access information on the platform.
3. **Consistency:** Additions and edits to any information on the website should be consistent with the data stored in the server.
4. **Performance:** The response time for any query to the server should be as short as possible to enhance the user experience.
5. **Ease of Use:** The interface developed should be user-friendly so as to accommodate all and any users of the platform.

## ❖ PROJECT PLAN



## ❖ CONCEPT MAP

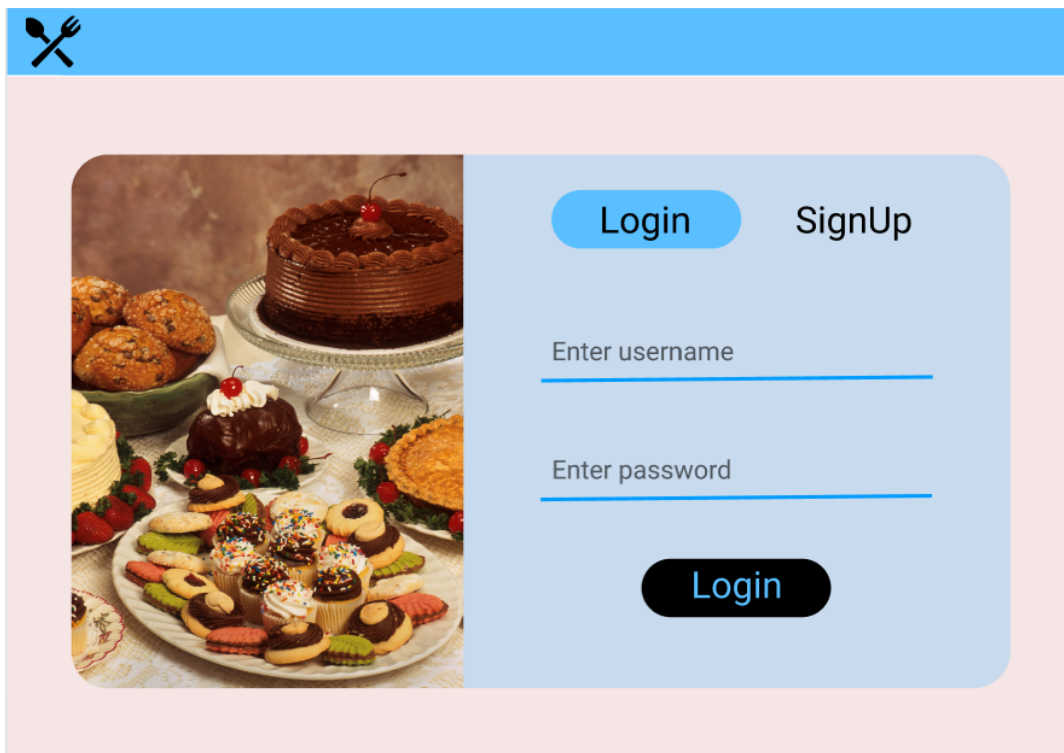


## ❖ DESIGNS

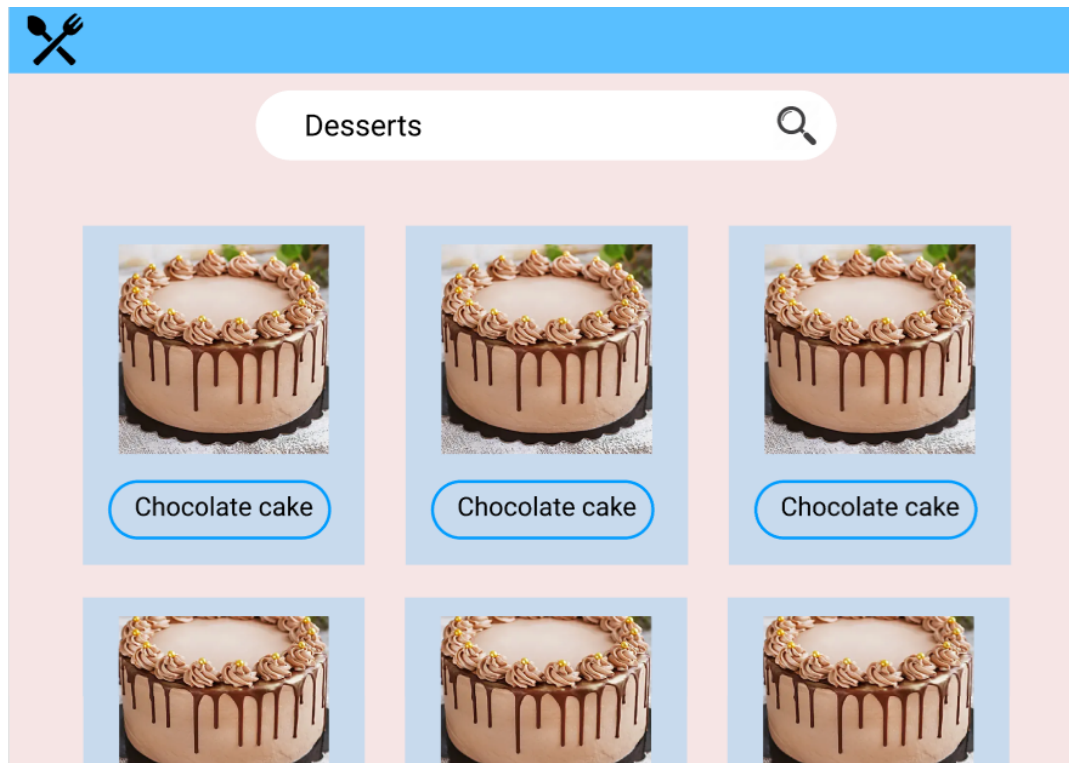
- Home page:



- Login Page:



- Search recipe page:



- Add recipe page:

A screenshot of a web application's 'ADD RECIPE' page. At the top is a blue header with a black fork and knife icon. Below the header is a light pink background. The title 'ADD RECIPE' is centered in bold black text. On the left side, there is a large light gray square with a camera icon and the text 'Upload image'. Below this is a white rounded rectangle with the text 'Insert Link' and a blue link icon. On the right side, there is a section titled 'Ingredients' in bold black text. Below this title are three white input fields with the text 'Ingredient 1', 'Ingredient 2', and 'Ingredient 3'. A blue plus sign icon is to the right of the 'Ingredient 3' field. Below the 'Ingredients' section is a section titled 'Recipe' in bold black text, followed by a large white text area.



- Wishlist page:

