# Release Planning Document

Course: COSC 4P02  
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Group Number: 18

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Project Title: **Feastly (Recipe-App)**

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# 1. Introduction

# This document outlines the user stories, backlogs, and release plan for the Feastly project. The goal is to provide a clear roadmap for development while aligning with the project’s objectives to create a seamless and engaging user experience.

# 2. User Stories

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ID | Title  Release planning Document | Description  Outlines the development timeline for Feastly, detailing feature prioritization, sprint goals, and incremental release milestones to ensure efficient progress and user-centric updates. | Acceptance Criteria  Complete release planning and review it with team member. | Priority  High |
|  | Save a Recipe | As a user, I want to save a recipe from the recipe page, so that I can access it later easily. | Add a "Save" button to the recipe page.  Link the button to the user's account for saving.  Create a database table for saved recipes.  Test saving functionality with different accounts. | Medium |
|  | Edit Saved Recipes | As a user, I want to edit saved recipes, so that I can customize them to my preferences. | Add an "Edit" button to saved recipes.  Allow editing of ingredients, instructions, and titles.  Save edited recipes back to the database.  Test editing functionality with various recipe types. | Medium |
|  | Share Saved Recipes | As a user, I want to share my saved recipes with other users, so that they can enjoy the recipes too. | Add a "Share" button to saved recipes.  Implement sharing via email or social media.  Include privacy settings for shared recipes.  Test the sharing functionality for different platforms. | Medium |
|  | Recipe page to display details | As a user, I want each recipe page to display details clearly, so that I can easily read and follow instructions. | Design the layout for the recipe page (UI/UX design).  Fetch recipe details from the database.  Implement the front-end display (title, ingredients, instructions).  Add responsiveness for mobile and desktop views.  Conduct user testing for readability and clarity. | Medium |
|  | Search Using AI Suggestions | As a user, I want to search using AI suggestions, so that I can discover recipes based on vague inputs or preferences. | Integrate an AI-based search algorithm.  Develop an intuitive search bar interface.  Test the AI with vague inputs (e.g., "quick dinner ideas").  Optimize the AI for speed and accuracy. | Medium |

# 3. Product Backlog

The product backlog is a prioritized list of tasks derived from user stories. Each task should include:  
- Task

Add detailed explanation to the tasks if it is needed.  
- Associated User Story  
- Priority

Example Table:

|  |  |  |
| --- | --- | --- |
| Task | Associated User Story | Priority |

# 4. Sprint Backlogs

|  |  |
| --- | --- |
| Sprint | Tasks |
| 1(jan 13-jan 20) | Release planning Document |

# 5. Tool Screenshots

Sprint 1 - Release planning Document

A screenshot of a computer

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Backlog:

A screenshot of a chat

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# 6. Team Contributions

Provide a breakdown of each team member’s contribution to the project and report.

Example Table:

|  |  |
| --- | --- |
| Team Member | Contribution |
| Samrat Gautam | Facilitate meetings- took meeting minutes. |
| Ridham Elhance | Initial backend setup and organization |
| Mohamed Abd El-Gelil | Setup Firebase account , Database setup |
| Chidiebube Michael Duru | User stories, project board setup and planning |
|  |  |
|  |  |
|  |  |

# 7. Challenges and Next Steps

Discuss any challenges faced during the planning process (e.g., tool limitations, unclear requirements, team). Outline actions for the next phase (e.g., refining sprint backlog, completing Sprint 1 tasks).

**Challenges Faced**

Initially, team communication was smooth; however, during the first week, we needed to pick a common meeting time. After discussion, we agreed to use lecture time as it was convenient for everyone. Dividing the team into frontend and backend groups was manageable but posed challenges due to varying levels of familiarity with certain tools and software among team members.

**Next Phase Actions**

* Further refine the sprint backlog to ensure clarity and alignment.
* Focus on completing Sprint 1 tasks, with special attention to balancing team workloads based on software proficiency.
* Continue leveraging lecture time for effective team coordination and progress tracking.

# 8. Appendices

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