

Software Engineering CMP020N204S

Sprint 2

Submitted by:

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Project Title

Cooking Club: The Social Recipe Network

User stories

Regular User

Description:

The **Regular User** is any registered member of the platform who interacts with recipes, other users, and community challenges.

Key Features:

- **Post Recipes:** Share recipes with images and detailed descriptions.
- **Search & Filter Recipes:** Find recipes by name, ingredients, or category.
- **Rate & Comment:** Leave ratings and comments on recipes.
- **Manage Profile:** Edit personal details and view posted recipes.
- **Join Cooking Challenges:** Participate in themed cooking contests.
- **Save Favorites:** Mark favorite recipes for quick access.
- **Receive Notifications:** Get alerts for comments, ratings, and interactions.
- **Privacy Settings:** Control who can view their profile and recipes.

Administrator User

Description:

The **Administrator** manages platform content, user behavior, and community challenges to ensure a safe and high-quality environment.

Key Features:

- **Content Moderation:** Review and remove inappropriate or reported recipes.
- **User Management:** Suspend or delete accounts that violate the platform's guidelines.
- **Challenge Creation & Management:** Set up, edit, and finalize themed cooking challenges.

Regular User Stories

1. Post Recipes

ID: US-001

As a registered user,

I want to post my recipes with images and detailed descriptions,

So that others can view and try them.

Acceptance Criteria:

The system must allow users to add a title, ingredients, steps, and images.

Users should be able to edit or delete their own recipes.

2. Search & Filter Recipes

ID: US-002

As a user,

I want to search for recipes using keywords, ingredients, or categories,

So that I can quickly find the dishes I'm interested in.

Acceptance Criteria:

A search bar should be available on the homepage.

Filtering by categories (e.g., vegetarian, desserts) must be possible.

Search results should be updated in real-time.

3. Rate & Comment on Recipes

ID: US-003

As a user,

I want to leave ratings and comments on recipes,

So that I can share my opinion and help improve the community.

Acceptance Criteria:

Each recipe should have a 1–5-star rating system.

Users must be able to add comments below a recipe.

Only registered users can rate and comment.

4. Manage My Profile

ID: US-004

As a user,

I want to view and update my profile information,

So that I can manage my personal details and recipe contributions.

Acceptance Criteria:

The profile must display the user's name, photo, and posted recipes.

Users should be able to update their profile picture and bio.

Only the account owner can edit their profile.

5. Participate in Cooking Challenges

ID: US-005

As a user,

I want to join themed cooking challenges,

So that I can compete with others and showcase my skills.

Acceptance Criteria:

A section for active challenges must be available.

Users should be able to submit a recipe for a challenge.

The system should allow users to vote for the best recipe.

6. Save Favorite Recipes

ID: US-006

As a user,

I want to mark recipes as favorites,

So that I can easily access them later.

Acceptance Criteria:

A button should be available to add recipes to favorites.

Favorite recipes should be stored in a section in the user's profile.

Users should be able to remove recipes from favorites at any time.

7. Receive Notifications

ID: US-007

As a user,

I want to receive notifications when someone interacts with my recipes,

So that I can stay engaged with the community.

Acceptance Criteria:

Notifications must be sent when a recipe gets a new comment or rating.

Users should be able to configure their notification settings.

8. Privacy Settings

ID: US-008

As a user,

I want to control the visibility of my profile and recipes,

So that I can manage who sees my content.

Acceptance Criteria:

Users should be able to set their profile as public or private.

Recipes should have visibility settings (public/private).

Only registered users can view private content.

Administrator User Stories

9. Moderate Content

ID: US-009

As an administrator,

I want to review and remove inappropriate or reported recipes,

So that the platform remains safe and high-quality.

Acceptance Criteria:

Users should be able to report inappropriate recipes.

Administrators must have an interface to review and remove reported content.

A log should be kept of all moderation actions.

10. Manage Users

ID: US-010

As an administrator,

I want to suspend or delete users who violate community guidelines,

So that I can maintain a respectful and safe platform.

Acceptance Criteria:

An admin panel should list all registered users.

Admins should have the ability to suspend or delete user accounts.

Suspended users should be notified of their status.

11. Create & Manage Cooking Challenges

ID: US-011

As an administrator,

I want to set up and manage themed cooking challenges,

So that users have exciting competitions to participate in.

Acceptance Criteria:

Admins must be able to define the challenge theme, duration, and rules.

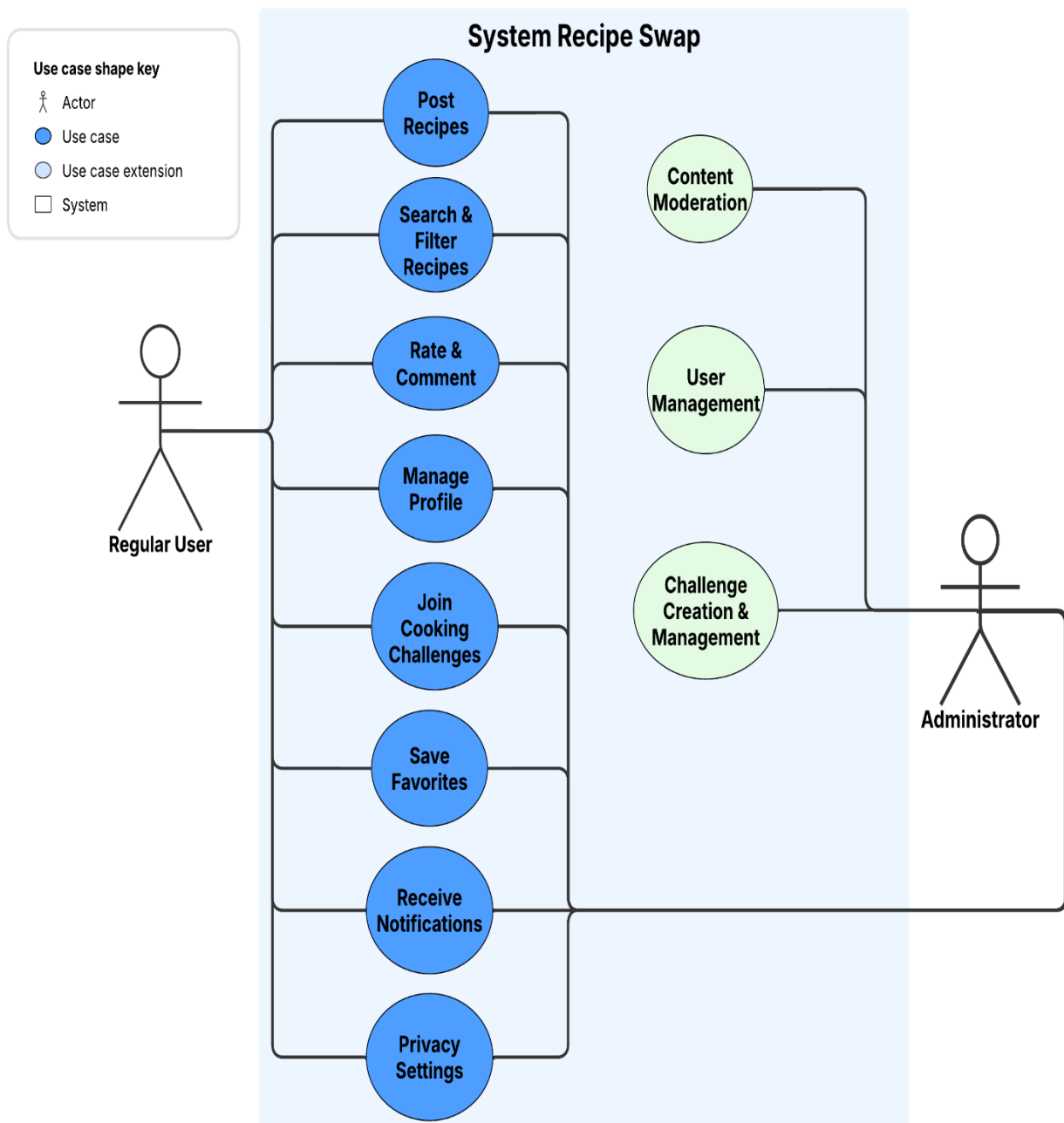


Meeting Minutes

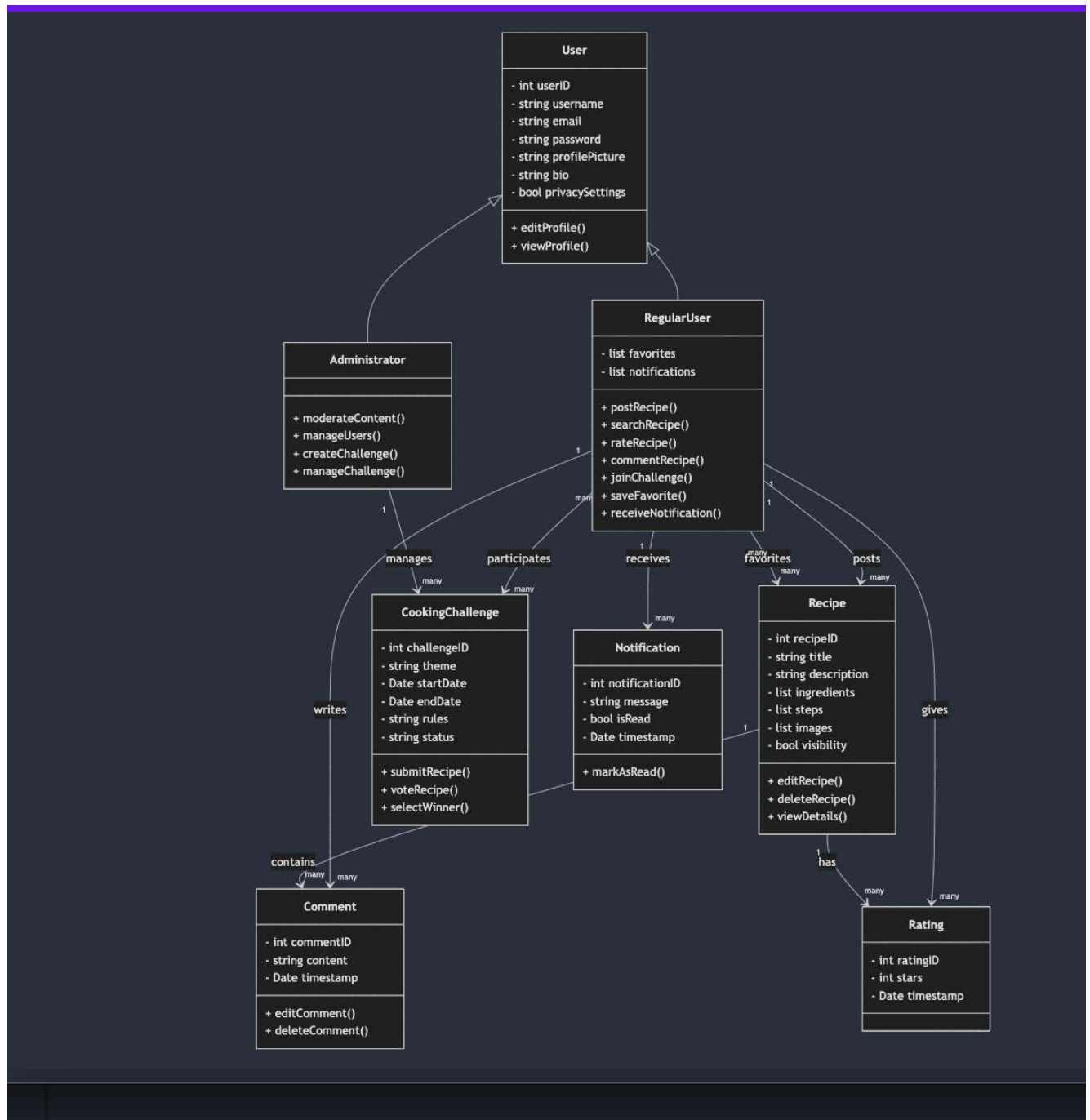
Date and Time	Tuesday 18/02 18:00 Thursday 20/02 14:00 and 21:00
Project Name	Cooking Club: The Social Recipe Network
Meeting Goal	<ul style="list-style-type: none">• Discussion about Features for your application defined as user stories , wireframes, activity diagrams, tickets prepared on your Kanban board, screenshot of your Kanban board Meeting records completion
Facilitator	Ángel Gomes
Note taker	Selena Rodriguez Pons
Attendees	Ángel Gomes- Selena Rodriguez -Prakash Bohara
Roundtable Updates (each group member to contribute)	We have been assigned different tasks and all of us have contribute with their final outcome of each task. Angel has been leading the group. Selina has been making aware of the deadlines. and Prakash has been redefining all of the aspects that we need to take into account when we develop the different tasks
Discussion points	We have discussed about what's the most suitable wire frame and what's the best decision to take regardless The user stories according to what we want to aim in the project. We also discussed about them diagrams that are going to be useful for us to start up our project.

They should have the ability to edit or cancel active challenges.
The system must allow selecting winners based on community votes.

Use Case diagram



User class diagram

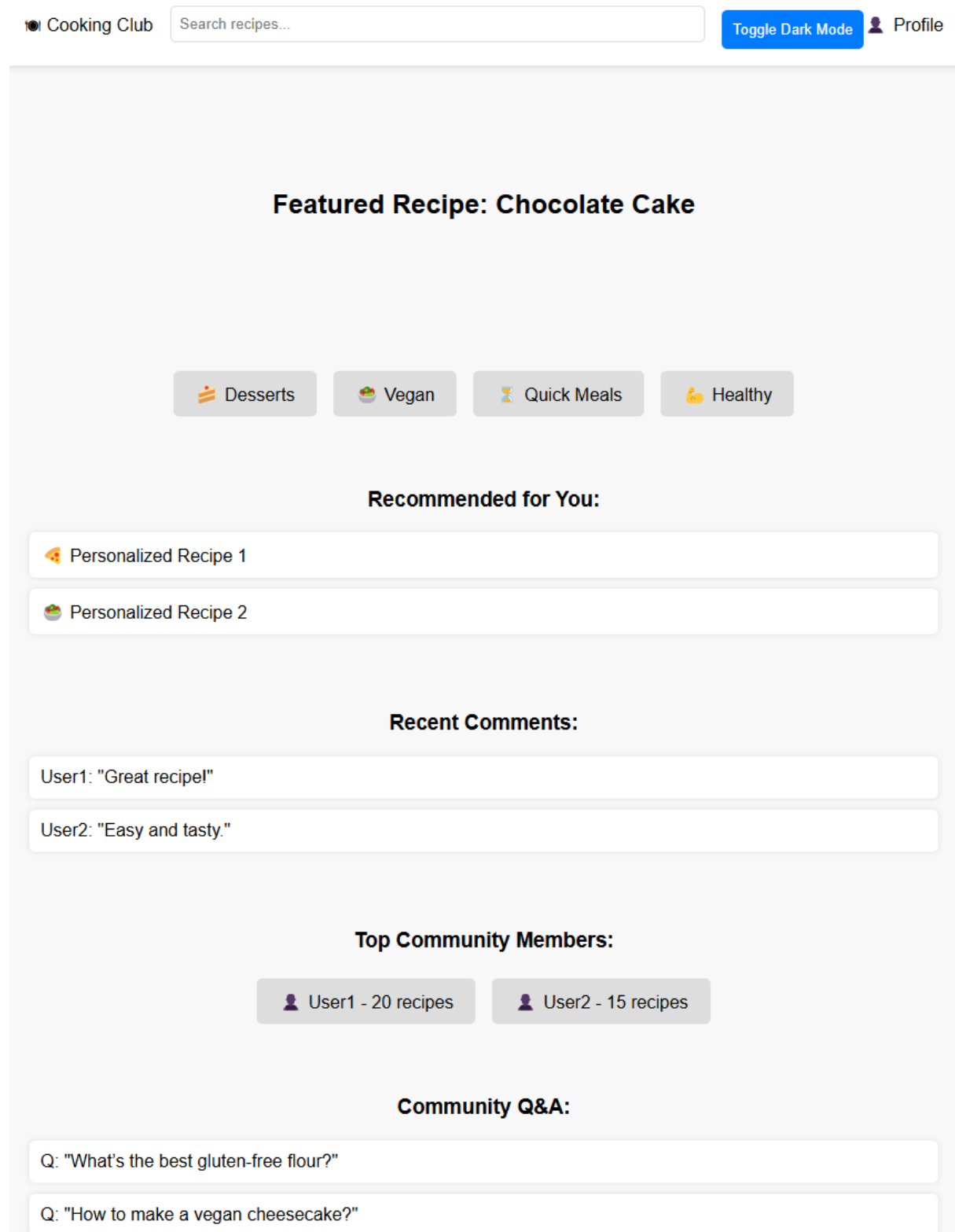


The class diagram for the Cooking Project comprises four main classes: Recipe, Ingredient, CookingProcess, and User. The Recipe class encapsulates details such as the dish name, description, cooking time, instructions, and a list of associated Ingredient objects. Each Ingredient has properties like name, quantity, unit, and calories per unit, along with a method to calculate total calories. The CookingProcess class outlines the procedural steps required to prepare a dish, including methods to start, pause, or stop the process. Finally, the User class represents individuals interacting with the system, maintaining personal details, favorite recipes, and providing functionality for rating recipes. Together, these classes model a modular, scalable system where recipes and ingredients are managed independently, while users can personalize their experience by selecting and rating dishes, and the cooking process orchestrates the practical execution of a recipe.

This explanation succinctly summarizes the core components and relationships in the class diagram for the Cooking Project.

Wireframes

Home Page



Cooking Videos:

▶ [Chocolate Cake Tutorial](#)

▶ [Quick & Easy Pasta](#)

Upcoming Cooking Challenges:

🏆 [Best Homemade Pizza Challenge](#)


🏆 [Healthy Meal Prep Contest](#)

Follow us: [Facebook](#) | [Instagram](#) | [Twitter](#)

[Contact](#) | [Privacy Policy](#)

Register Login Page

Toggle Dark Mode

 **Cooking Club**

Register

Register

☐

I accept the Terms & Privacy Policy

Facebook


Google

Login

Login

[Forgot your password?](#)


Search Recipes Page


 **Search Recipes**



Category ▼


Time ▼


Difficulty ▼



 Recipe 1


 Recipe Name 1


 



 Recipe 2

 Recipe Name 2


 

 Recipe 3

 Recipe Name 3

[Load More](#)

 Recipe Image

Delicious Recipe

 Time: 30 min |  Difficulty: Easy



Ingredients:

- Ingredient 1
- Ingredient 2

Steps:

1. Step 1
2. Step 2

 Save

 Share



Comments:

Post

User 1: Great recipe!

User 2: Easy to make.

Related Recipes:

-  Pizza Recipe
-  Healthy Salad

Profile Page

Toggle Dark Mode

Profile Picture

Username

Email: user@example.com

Joined: January 2024 | Last Active: 2 hours ago

Bio: Passionate about cooking and sharing recipes! [\(Edit\)](#)

Followers: 120 | Following: 89

Uploaded Recipes:

Recipe 1

Recipe Name 1

✖

Delete

Recipe 2

Recipe Name 2

✖

Delete

Saved Recipes:

Recipe 3

Recipe Name 3

✖

Remove

Recipe 4

Recipe Name 4

✖

Remove

Edit Profile

🔒 Log Out

Page to add recipes

Upload Recipe

Recipe Name

Description

Ingredients (separate by commas)

Steps

Preparation Time

Select Difficulty

Select Category


Choose File

No file chosen

Publish Recipe

Admin Dashboard

Admin Dashboard


 **Moderate Content**

Reported Recipe 1

Remove

Reported Recipe 2

Approve

 **Manage Users**

User1


Suspend

Delete

User2

Suspend

Delete

 **Manage Cooking Challenges**

Challenge Title

Challenge Duration

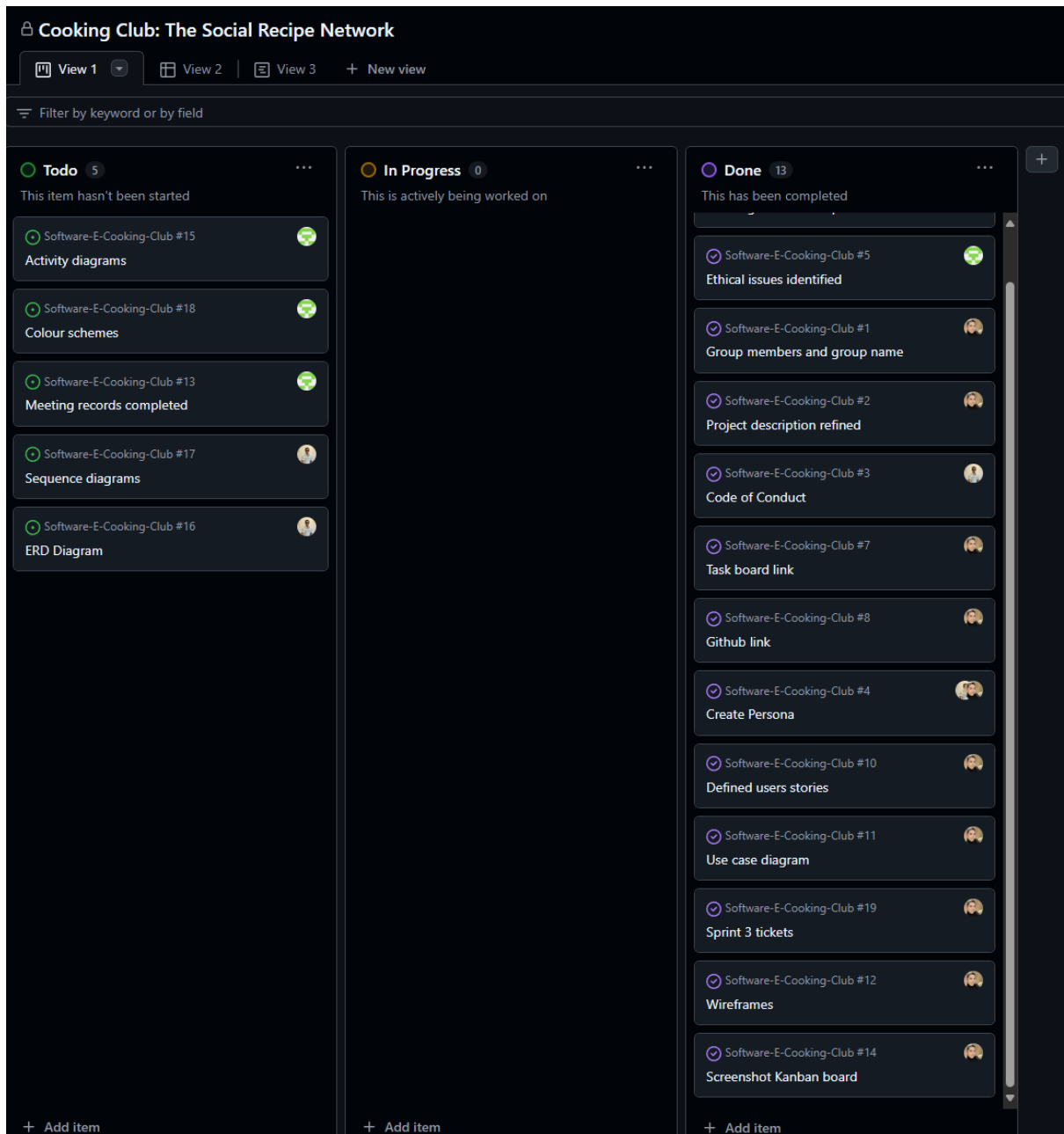
Challenge Rules

Create Challenge

Ongoing Challenge 1

Remove

Screenshot of Kanban board



Cooking Club: The Social Recipe Network

View 1

View 2

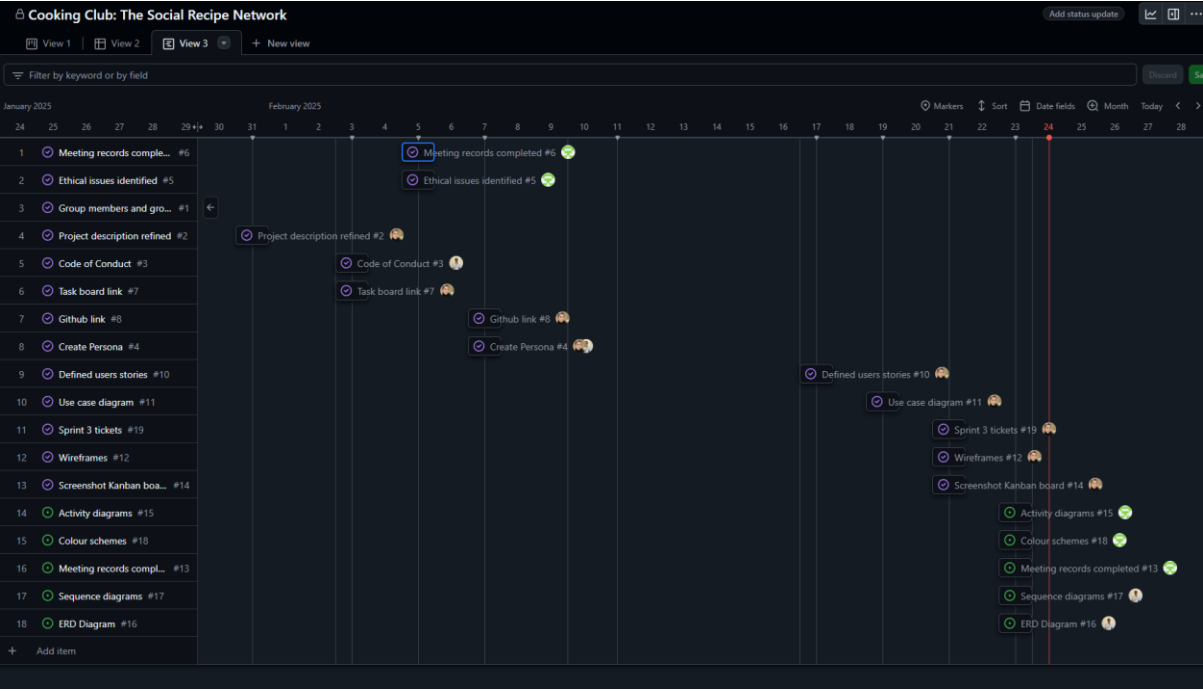
View 3

New view

Filter by keyword or by field

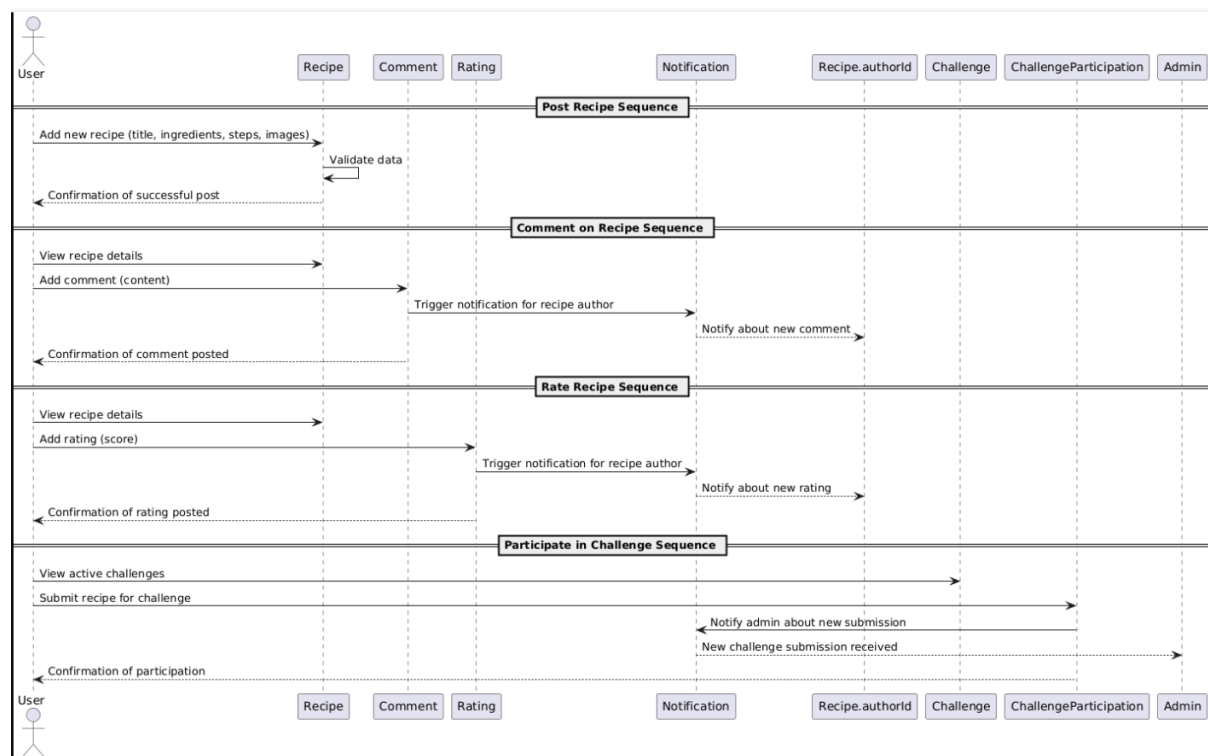
	Title	Assignees	Status	Project start	Date line	Labels	Reviews
1	Meeting records completed #6	Selena1707	Done	Jan 21, 2025	Feb 5, 2025	documentation Sp 1	
2	Ethical issues identified #5	Selena1707	Done	Jan 21, 2025	Feb 5, 2025	documentation Sp 1	
3	Group members and group name #1	Angeljo1712	Done	Jan 21, 2025	Jan 28, 2025	documentation Sp 1	
4	Project description refined #2	Angeljo1712	Done	Jan 21, 2025	Jan 31, 2025	documentation Sp 1	
5	Code of Conduct #3	boharap1	Done	Jan 21, 2025	Feb 3, 2025	documentation Sp 1	
6	Task board link #7	Angeljo1712	Done	Jan 21, 2025	Feb 3, 2025	documentation Sp 1	
7	Github link #8	Angeljo1712	Done	Jan 21, 2025	Feb 7, 2025	documentation Sp 1	
8	Create Persona #4	Angeljo1712 and boharap1	Done	Jan 21, 2025	Feb 7, 2025	documentation Sp 1	
9	Defined users stories #10	Angeljo1712	Done	Feb 11, 2025	Feb 21, 2025	documentation Sp 2	
10	Use case diagram #11	Angeljo1712	Done	Feb 21, 2025	Feb 11, 2025	documentation Sp 2	
11	Sprint 3 tickets #19	Angeljo1712	Done	Feb 21, 2025	Feb 11, 2025	documentation Sp 2	
12	Wireframes #12	Angeljo1712	Done	Feb 27, 2025	Feb 11, 2025	documentation Sp 3	
13	Screenshot Kanban board #14	Angeljo1712	Done	Feb 21, 2025	Feb 11, 2025	documentation Sp 2	
14	Activity diagrams #15	Selena1707	Todo	Feb 27, 2025	Feb 11, 2025	documentation Sp 3	
15	Colour schemes #18	Selena1707	Todo	Feb 27, 2025	Feb 11, 2025	documentation Sp 3	
16	Meeting records completed #13	Selena1707	Todo	Feb 21, 2025	Feb 11, 2025	documentation Sp 2	
17	Sequence diagrams #17	boharap1	Todo	Feb 27, 2025	Feb 11, 2025	documentation Sp 3	
18	ERD Diagram #16	boharap1	Todo	Feb 27, 2025	Feb 11, 2025	documentation Sp 3	

You can use Control + Space to add an item



Sequence Diagram

The diagram shows a series of interactions between the User and other participants like Recipe, Comment, Rating, Notification, Challenge, and Challenge Participation. It also includes how the system ensures communication (through notifications) between users, admins, and recipe authors for each action.



Activity Description:

1. Post Recipe Sequence:

- User adds a new recipe (with title, ingredients, steps, and images).
- Recipe validates the data and confirms the successful post to the User.

2. Comment on Recipe Sequence:

- The User views a recipe's details and adds a comment to it.
- The Comment triggers a Notification to alert the recipe's author about the new comment.
- After sending the notification to the author, a confirmation is sent back to the User about the successful posting of the comment.

3. Rate Recipe Sequence:

- The User views a recipe and adds a rating (score).
 - The Rating triggers a Notification to the recipe's author about the new rating.
 - Once the notification is sent to the author, the User receives confirmation of the successful rating.
4. Participate in Challenge Sequence:
- The User views active challenges and submits a recipe for a challenge.
 - The ChallengeParticipation sends a Notification to the Admin about the new submission.
 - After notifying the admin, the User receives a confirmation of their participation in the challenge.

Entity-Relationship Diagram (ERD)

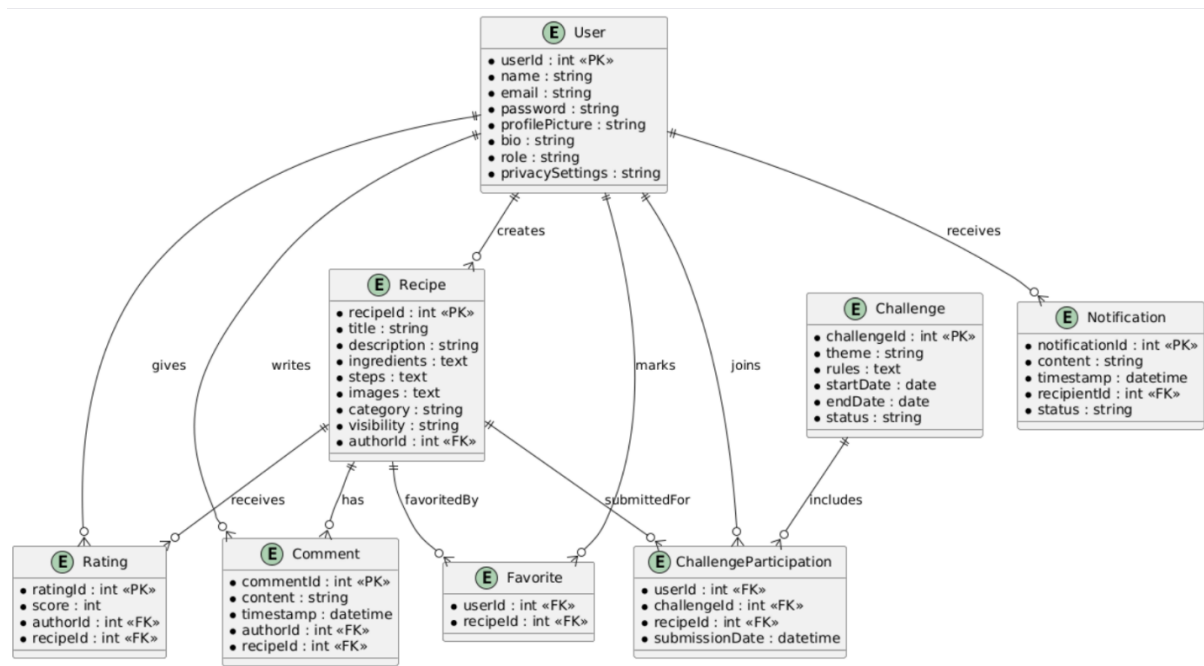
This ERD models the structure of a recipe-sharing application where users can interact with recipes, comments, ratings, challenges, and notifications.

1. User: Represents the individuals using the system, who can post recipes, add comments, rate recipes, participate in challenges, and receive notifications.
2. Recipe: Represents a collection of recipes posted by users. Each recipe can have multiple comments and ratings. Recipes also trigger notifications to their authors when a user interacts with them (via comment or rating).
3. Comment: Represents comments made by users on recipes. Each comment is associated with both the user who wrote it and the recipe it belongs to.
4. Rating: Represents the rating scores given by users to recipes. Each rating is associated with a specific recipe and the user who rated it.
5. Notification: Represents the notifications sent to users. Notifications are triggered by various actions, such as comments on a recipe, new ratings, and challenge submissions. Users and recipe authors receive these notifications.
6. Challenge: Represents the challenges available in the system that users can participate in. Each challenge can have multiple participants.
7. ChallengeParticipation: Represents the user's participation in challenges. It links a user to a specific challenge and can trigger notifications to admins.

Relationships:

- A User can have multiple Recipes, Comments, Ratings, Notifications, and ChallengeParticipations.

- A Recipe can receive multiple Comments, Ratings, and trigger Notifications.
- A Comment and Rating are associated with both a User and a Recipe.
- ChallengeParticipation connects Users to Challenges, with each participation potentially triggering Notifications to both the user and the admin.



Task board link

link to the project.

[Projects · Software-Engineering](#)

Repositories

<https://github.com/Angeljo1712/Software-Engineering.git>

GitHub links

Angel Gomes

[Angeljo1712 \(Angel Gomes Ballesteroz\)](#)

Prakash Bohara

[boharap1 \(Prakash Bohara\)](#)

Selena Rodríguez

[Selena1707](#)

**Actions (list tasks
and assign a
group member)**