



School of Arts, Humanities and Social Science

Module Name: Software Engineering

Module Code: CMP020N204S

Cooking Club: The Social Recipe Network

Sprint:3

Challengers Groups:

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Selena Rodríguez-Pons De La Serna: (ROD21549681)

Sprint Report Overview

This sprint focused on delivering a working prototype of our application, demonstrating significant progress in the technical implementation and validating our proof of concept. Key accomplishments include an updated task board reflecting our development progress, along with a GitHub repository showcasing contributions from all team members.

In terms of implementation, we successfully designed and implemented the database, pre-populated with relevant data to support application functionality. Additionally, we developed static HTML pages using Pug and integrated dynamic content retrieval, ensuring that data from the database is rendered within templates. While the current focus is on data visualization, future sprints will incorporate features for adding and updating data.

This progress sets a solid foundation for the final version of the application, ensuring alignment with project goals and user requirements.

The refined user stories including wireframes alongside actual implemented screenshot are provided below. We are able to design the very basic graphic interface with some functionable action buttons, menus where the actual data from the database are pulled. But for the attractive looking and quality design of our Application's GUI, we had to improve and custimize CSS in our project.

Implemented User stories

a. Home Page for Regular User

Description:

The Regular User is any registered member of the platform who wants to search, interacts with other users, see recipes list, recommended recipes, top community members, recipes videos, upcoming challenges, question and answer section, category for recipes etc.

Key Features:

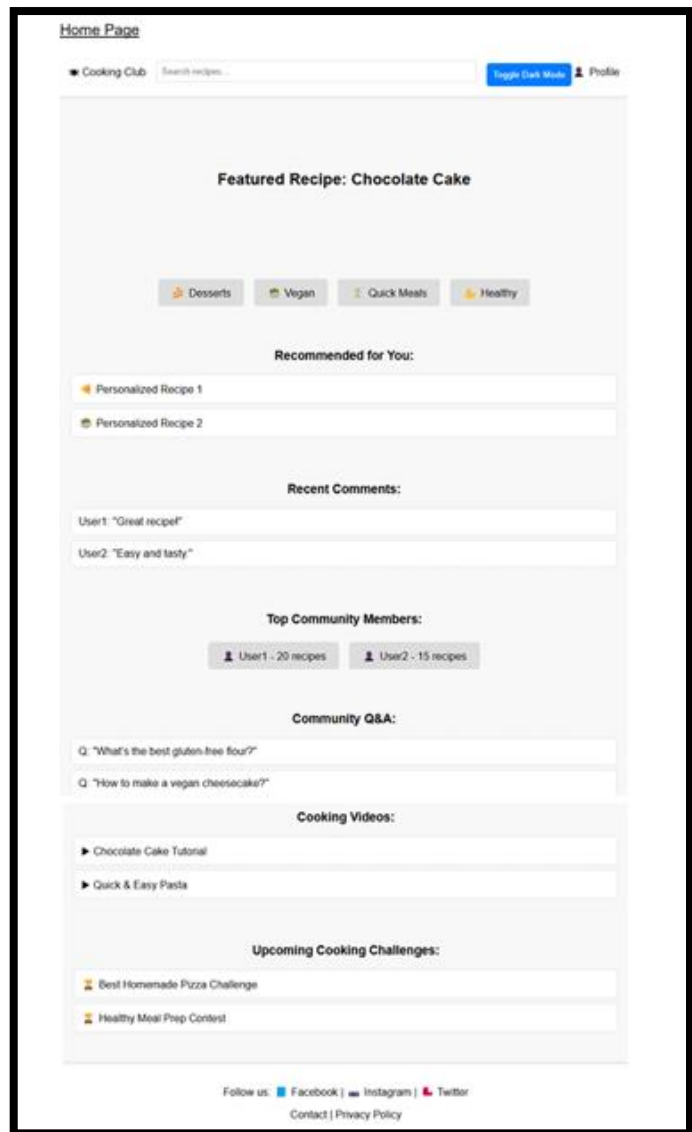
- User: User list where the registered user is listed.
- Recipes: list of variety of recipes.
- Category: categories different types of recipes.
- Search Recipes: Find recipes by name, ingredients, or category.
- Rate & Comment: Leave ratings and comments on recipes.
- Featured recipes: description for highlighted recipes.
- Recommended recipes: recommended the personalized best recipes.
- Manage Profile: Edit personal details and view posted recipes.

- Join Cooking Challenges: Participate in themed cooking contests.
- Save Favourites: Mark favourite recipes for quick access.
- Receive Notifications: Get alerts for comments, ratings, and interactions.
- Privacy Settings: Control who can view their profile and recipes.
- Cooking videos: watch the recipes' instructive videos.
- Q&A: community member can question as well as answer any query.

Screenshot of Implemented Homepage



Designed Wireframe



b. Manage My Profile

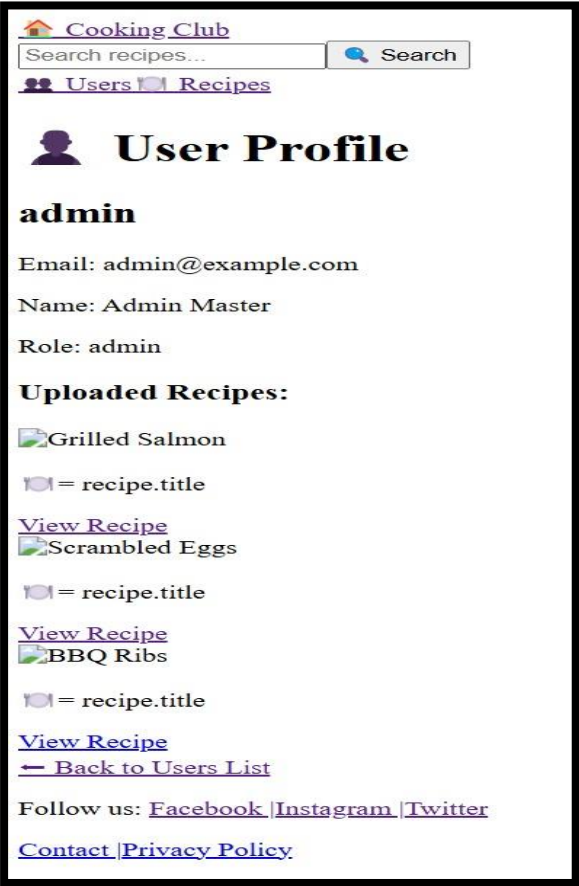
ID: US-001

As a User,

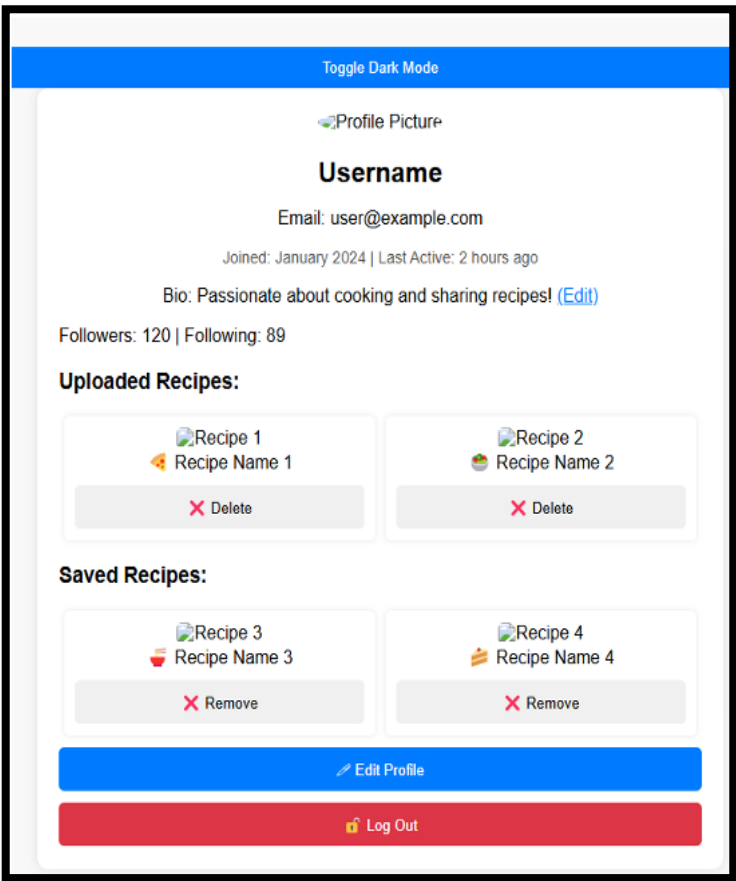
I want to view and update my profile information,

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.

Screenshot of User Profile



Designed Wireframe



c. User list

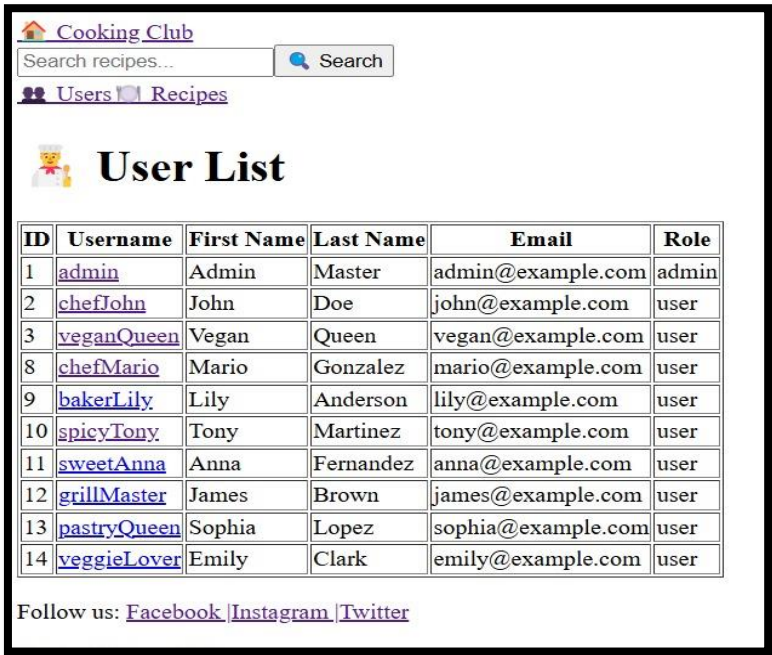
ID: US-003

As a Administrator,

I want to view users lists including their information,

So that I can access and manage users list and their details information.

Screenshot of Implemented Users List



d. User list

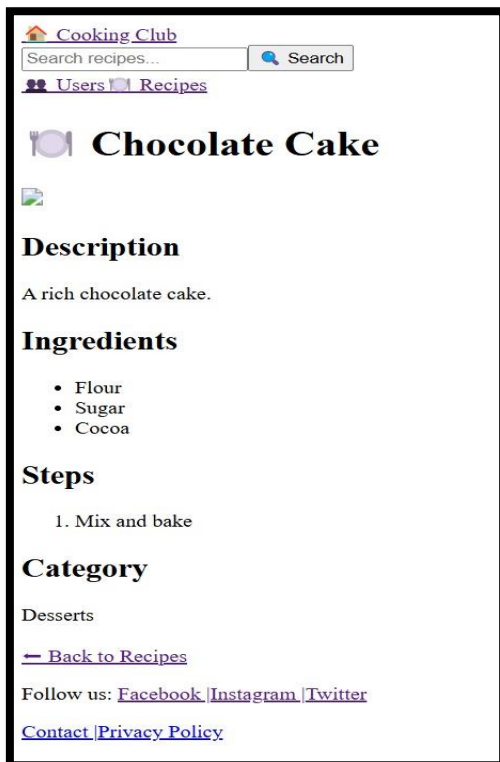
ID: US-003

As a User,

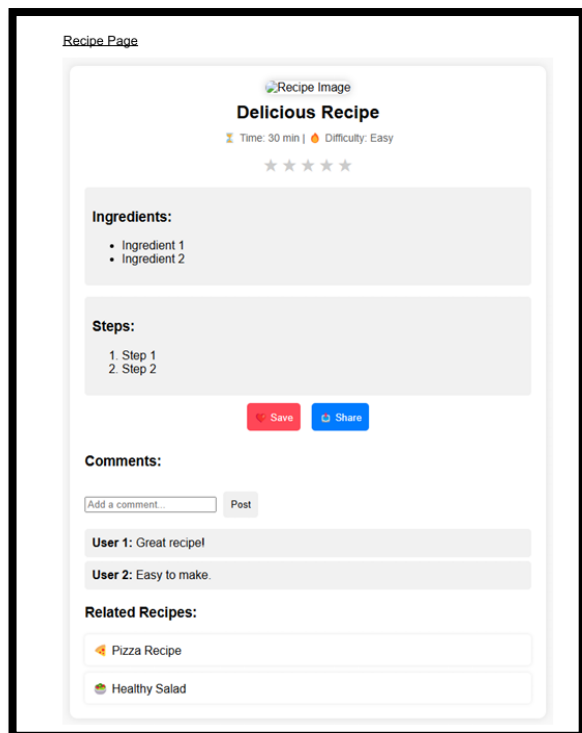
I want to post my recipes with images and detailed descriptions,

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

Screenshot of User Profile



Designed Wireframe



e. Recipes List

ID: US-004

As a User,

I want to view and access recipes list with relivent information.

So that I can select and access any recipes from that list.

Screenshot of Implemented Users List

The screenshot shows the 'Cooking Club' website interface. At the top, there is a search bar and navigation links for 'Users' and 'Recipes'. Below this is a 'Recipe List' section containing a table with 11 recipes. Each row includes an ID, Title, Description, Ingredients, Steps, Category, and a small image icon.

ID	Title	Description	Ingredients	Steps	Category	Image
1	Chocolate Cake	A rich chocolate cake.	Flour, Sugar, Cocoa	Mix and bake.	Desserts	
2	Vegan Salad	Healthy green salad.	Lettuce, Tomato, Cucumber	Chop and mix.	Vegan	
3	Quick Pasta	Fast and delicious pasta.	Pasta, Tomato Sauce, Garlic	Boil pasta and add sauce.	Quick Meals	
25	Grilled Salmon	Tasty grilled salmon with lemon.	Salmon, Lemon, Garlic, Olive Oil	Marinate salmon and grill.	Seafood	
26	Mango Juice	Fresh mango juice.	Mango, Water, Sugar	Blend ingredients and serve.	Drinks	
27	Vegetable Soup	Healthy vegetable soup.	Carrots, Potatoes, Onion, Garlic	Boil ingredients until soft.	Soups	
28	Scrambled Eggs	Classic breakfast eggs.	Eggs, Butter, Salt, Pepper	Whisk eggs and cook on low heat.	Breakfast	
29	Greek Salad	Refreshing Mediterranean salad.	Tomatoes, Feta Cheese, Olives, Cucumber	Chop ingredients and mix.	Salads	
30	Vegan Burger	Delicious plant-based burger.	Vegan Patty, Lettuce, Tomato, Whole Wheat Bun	Grill patty and assemble burger.	Vegetarian	
31	BBQ Ribs	Tender BBQ ribs.	Pork Ribs, BBQ Sauce, Garlic, Spices	Marinate and slow-cook.	Grilled	

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Activity diagram:

Since we have just designed the very basic web page with minimal features, the activity diagram is quiet simple and straight forward. Once we enter the website, we have homepage displayed with welcome message and multiple action buttons amoung which, bottions like Users, Recipes, Privacy Policy etc are functional.

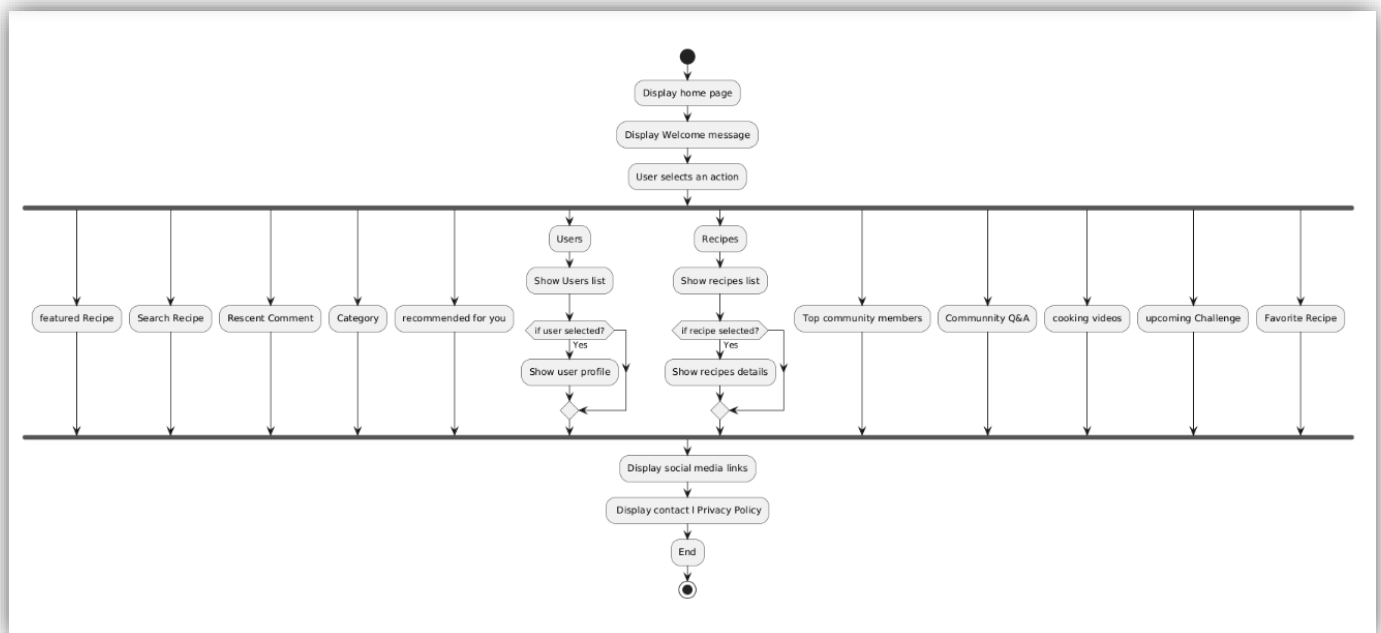
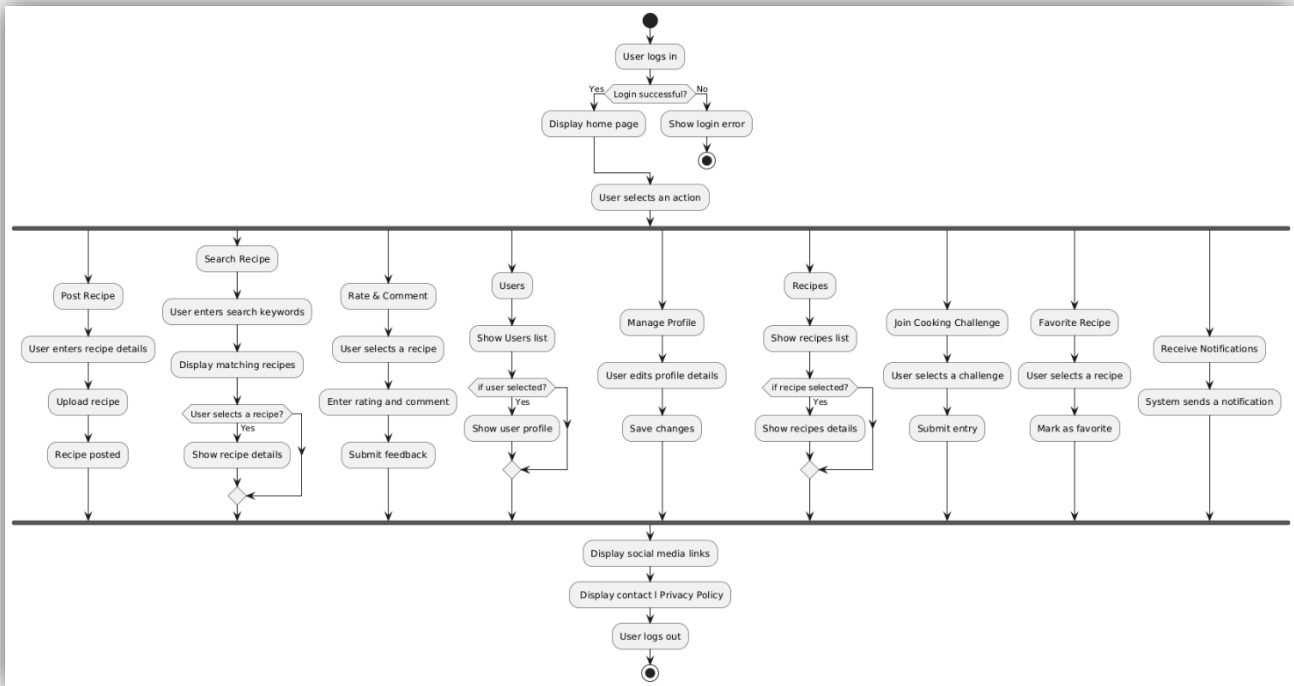


Figure: Activity Diagram

Once we progress towards the final project where the different functionalities will me upgraded and integrated, our activity diagram should look like something similar to diagram below.



Project link: [Projects · Software-E-Cooking-Club](#)

Task board link:

[View 2 · Cooking Club: The Social Recipe Network](#)

Title	Assignees	Status	Project start	Date line	Labels
17 Final PDF #39	boharap1	Done	Mar 1, 2025	Mar 13, 2025	documentation Sp 3
18 screenshot of your taskboard + I... #38	Angeljo1712, boharap1, and Se...	Done	Mar 1, 2025	Mar 13, 2025	documentation Sp 3
19 HTML page generated from PUG #35	Angeljo1712	Done	Mar 1, 2025	Mar 11, 2025	documentation Sp 3
20 Screenshots of implementation ... #36	Angeljo1712 and Selena1707	Done	Mar 1, 2025	Mar 12, 2025	documentation Sp 3
21 screenshot of your github repo ... #37	Angeljo1712, boharap1, and Se...	Done	Mar 1, 2025	Mar 13, 2025	documentation Sp 3
22 ERD Diagram #16	boharap1	Done	Feb 11, 2025	Feb 23, 2025	documentation Sp 3
23 Wireframes #12	Angeljo1712	Done	Feb 11, 2025	Feb 21, 2025	documentation Sp 3
24 Colour schemes #18	Selena1707	Done	Feb 11, 2025	Feb 23, 2025	documentation Sp 3

Repositories link:

1. **Angel Joseph** [this is the repository we are developing our group project]
[Angeljo1712/Software-E-Cooking-Club: Repository for software engineering projects](#)

The screenshot shows a web browser window with multiple tabs. The active tab is the GitHub repository page for 'Software-E-Cooking-Club' by user Angeljo1712. The repository is public and has 16 commits, 8 branches, and 0 tags. The commit history table is as follows:

File	Commit Message	Time Ago
pg-sd2	Fix1	last week
LICENSE	Initial commit	2 months ago
README.md	Update README.md	last month
Software Engineering Sprint1 CMP020N204S...	Final Pdf Sprints	2 weeks ago
Software Engineering Sprint2 CMP020N204S...	Final Pdf Sprints	2 weeks ago

The repository description is 'Repository for software engineering projects'. It includes a README, Apache-2.0 license, and 0 stars. The 'Releases' section shows 'No releases published'.

2. Prakash Bohara:

[boharap1/software-engineering: This is my depository for the software engineering.](https://github.com/boharap1/software-engineering)

The screenshot shows a web browser window with multiple tabs. The active tab is the GitHub repository page for 'software-engineering' by user boharap1. The repository is public and has 2 commits, 3 branches, and 0 tags. The commit history table is as follows:

File	Commit Message	Time Ago
LICENSE	Initial commit	2 months ago
Persona.docx	Add files via upload	last month
README.md	Initial commit	2 months ago
code of conduct.docx	Add files via upload	last month

The repository description is 'This is my depository for the software engineering.' It includes a README, Apache-2.0 license, and 0 stars. The 'Releases' section shows 'No releases published'.

3. **Selena**

[Selena1707/sd2](https://github.com/Selena1707/sd2)

The screenshot shows a web browser window displaying the GitHub repository page for 'sd2' by user 'Selena1707'. The browser's address bar shows the URL 'https://github.com/Selena1707/sd2'. The repository page includes a header with the repository name, a search bar, and navigation links for Code, Issues, Pull requests, Actions, Projects, Wiki, Security, and Insights. Below the header, there are buttons for Watch (1), Fork (0), and Star (0). The main content area shows the repository's file structure, including a 'LICENSE' file and a 'README.md' file, both with their initial commit dates. The 'README.md' file is open, showing the text 'sd2'. On the right side, there is an 'About' section with a description, a 'Readme' link, and a list of repository statistics: 0 stars, 1 watching, and 0 forks. At the bottom, there is a 'Releases' section with a link to 'Create a new release'. The Windows taskbar is visible at the bottom of the screen, showing the search bar and various application icons.