Code of Conduct

Software engineering coursework 2024/2025

Team Name: AAA

Project Name : Organizing the Community Fridge

Team Members: Adrian, Asya, Amid, Mohammad

Excuse me if the names are not written correctly, we can fix that.. its just a draft anyway

1. Communication

- We will communicate regularly through WhatsApp and GitHub.

- Weekly/daily updates will be shared before our meetings.

- Everyone is encouraged to share their ideas, ask questions, and provide constructive feedback.

- If someone can't meet a deadline or attend a meeting, they should inform the team as early as possible.

 2. Responsibilities and Contributions

- Each team member will contribute equally to coding, documentation, and project planning.

- Everyone must make at least one commit per sprint to the GitHub repository.

- Tasks will be assigned using the Kanban board on GitHub Projects and everyone is expected to complete their tasks on time.

- Code must be written clearly with proper documentation, nicely separated paragraphs following best practices, and reviewed by at least one team member before merging.

3. Decision Making

-Decisions will be made collectively with input from all team members.

- In case of disagreements we'll have a quick vote. If there's a tie the team leader will make the final call.

- Major changes (like design or feature changes) should be discussed and agreed upon by the whole team.

4. Conflict Resolution

- If a team member isn't contributing or there's a conflict we will address it privately and respectfully.

- If the issue can't be resolved within the team we will escalate it to the lecturer following the course guidelines.

- Persistent non-contribution or disruptive behaviour may result in formal action as per university rules.

5. Professionalism & Respect

- We will treat each other with respect and kindness regardless of differing opinions or skill levels.

- Everyone's contributions are valuable and we will foster a supportive environment for learning and growth.

- We will maintain academic integrity and ensure that all work is original and properly cited when necessary.

6. Deadlines & Meetings

- We will meet weekly/daily for stand-ups and additional sessions as needed.

- All deliverables (GitHub commits, documentation, etc.) must be completed before sprint deadlines.

- Meeting notes will be documented and shared with the team to ensure accountability.

7. Attendance and Participation

-Consistent attendance in meetings and active participation are required.

- Missing more than two meetings without prior notice may lead to a discussion with the lecturer.

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Personas... I think the two personas(users) should be

- A person who wants to donate money/food for the food bank
- A person who actually wants to use the services of the foot bank

Project Idea: Organising the Community Fridge

1. Project Overview

Our project is a web application designed to help manage and organise community fridges in London. Community fridges are spaces where individuals, charities, and businesses can share surplus food to reduce waste and support people facing food insecurity. This application will streamline the process of donating, collecting, and tracking food items to ensure efficiency and safety.

2. Goals and Objectives

- Minimise Food Waste: Make it easier for individuals and businesses to donate surplus food.

- Support Local Communities: Help those in need access fresh food easily.

- Simplify Management: Provide a centralised platform for charities and volunteers to manage donations and monitor fridge stock.

- Ensure Food Safety: Track expiration dates and notify users when food needs to be collected or removed.

3. Key Features

1. User Registration and Profiles:

  - Users can sign up as donors, recipients, or volunteers.

  - Profiles display donation history and user ratings.

2. Food Listing and Donations:

  - Donors can list surplus food items with details like expiration date, quantity, and location.

  - Recipients can browse available food and reserve items.

3. Fridge Location Map:

   - Integrated map showing the locations of community fridges across London.

   - Users can find the nearest fridge and see its current stock status.

4. Real-Time Inventory Tracking:

   - Volunteers can update fridge stock in real time.

   - Automated reminders for removing expired food.

5. Notifications and Alerts:

   - Users receive notifications for new donations, reservation confirmations, and expiration alerts.

6. Volunteer Scheduling:

   - Volunteers can sign up for shifts to manage fridges and track inventory.

4. Target Audience

- Donors: Local businesses, restaurants, grocery stores, and individuals with surplus food.

- Recipients: Individuals and families facing food insecurity.

- Volunteers: Community members who help manage the fridges.

- Charity Organisations: Groups overseeing multiple fridges or food distribution efforts.

5. Technologies to Be Used

- Frontend: HTML, CSS, JavaScript, PUG templating system

- Backend: Node.js, Express.js, MySQL database

- DevOps/CI-CD: Docker, Git, GitHub Actions

6. Ethical Considerations

- Food Safety: Ensuring proper handling, tracking expiration dates, and preventing the distribution of unsafe food.

- Privacy: Protecting the personal data of users, including donors and recipients.

- Fair Access: Ensuring equal access to food for all community members without discrimination.

- Transparency: Keeping donation and collection processes open and honest to build trust within the community.

7. Potential Challenges

- Ensuring food donations meet health and safety regulations.

- Encouraging regular community engagement and participation.

- Managing the logistics of real-time inventory updates.