

Project Plan

Scope

The scope includes:

User Management:

- Authentication and authorization.

Owners Management:

- Add, view, and update owner information.

Requests Management:

- Add, view, and update requests.
- Owners can check the requests they made.

Crops Management:

- Add, view, and update crop information.

Plantations Management:

- Add, view, update, and delete plantation information.
- Generate and download a CSV report of all plantations.

Timeline

Phase 1: Planning and Setup (1 hour)

- Define project requirements and scope.

Phase 2: User Management (3 hours)

- Implement user authentication and authorization.

Phase 3: Owners Management (5 hours)

- Develop CRUD functionalities for owners.
- Enable profile picture uploads.

Phase 4: Requests Management (30 minutes)

- Implement CRUD operations for requests.

Phase 5: Crops Management (20 minutes)

- Develop CRUD functionalities for crops.

Phase 6: Plantations Management (10 minutes)

- Implement CRUD operations for plantations.
- Add CSV download functionality.

Phase 7: Testing and Debugging (10 hours)

Perform thorough testing of the entire system.

Address and fix any identified issues.

Phase 8: Documentation (2 hours)

- Document code and system architecture.

Resources

Tools and Technologies:

- Spring Boot for backend development.
- Thymeleaf for frontend templates.
- HTML, CSS, and JavaScript for frontend design and interaction.
- Laptop