

## **1. Project Planning & Management**

- **Project Proposal:**

- **Project Overview:** A mobile application designed to reduce restaurants, bakeries & markets food waste by empowering users to manage their food inventory, save money, and utilize available resources effectively.
- **Objectives:**
  - Reduce food waste.
  - Increase user awareness of food waste issues.
  - Provide a user-friendly and engaging platform for food management.
  - Save money.
  - Develop a functional prototype of the app.
- **Scope:** The project will encompass the design & prototype. It will focus on core features like inventory tracking, donating food and recipe suggestions.

- **Project Plan:**

- **Phase 1:** Requirements Gathering (Weeks 1-2): Stakeholder meetings, user surveys, competitive analysis.  
Deliverable: Requirements Documents
- **Phase 2:** Design (Weeks 3-4): Style Guide, UI/UX design, wireframing, prototyping. Deliverable: App Prototype (Figma, Adobe XD, etc.)
- **Phase 3:** Testing & Evaluation (Weeks 5-6): User testing, bug fixing, performance testing.  
Deliverable: Test Report
- **Phase 4:** Documentation & Presentation (Weeks 7-8): Final report, presentation preparation.  
Deliverable: Project Documentation, Presentation Slides

- **Task Assignment & Roles:**

### **Week 1: Research & Discovery (Feb 1 - Feb 7)**

#### **(Team Focus: Research & Analysis)**

##### **✓ Feb 1 - 2: Competitor Analysis (All members)**

- Identify direct & indirect competitors
- Analyze UI/UX, pricing, and unique features
- Summarize findings in a report

✓ **Feb 3 - 4: User Surveys** (Rana Saied & Eman Mohamed)

- Define survey questions (Google Forms or Typeform)
- Conduct user interviews (4 people)
- Analyze survey results

✓ **Feb 5: User Persona Creation** (Alaa Mohamed)

- Define personas
- Include goals, pain points, and behaviors

✓ **Feb 6: Empathy Map** (Alaa Mohamed)

- Capture users' thoughts, feelings, pain points, and motivations

✓ **Feb 7: User Journey Mapping** (before & after) (Eman Mohamed)

- Map steps from awareness to purchase

**Week 2: UX Strategy & Structure for Web (Feb 8 - Feb 13)**

**(Team Focus: Flows & Structure)**

✓ **Feb 8 - 9: User Flow Design** (Ahmed Khaled)

- Define key user flows (ordering, payment, tracking)

✓ **Feb 10 - 11: Information Architecture** (Marina Saleh)

- Define sitemap & navigation structure

✓ **Feb 12 - 13: Low-Fidelity Wireframes** (All team members)

- Sketch initial wireframes for main pages

**Week 3: Design System & High –Fidelity Wireframes for Web (Feb 14 - Feb 21)**

**(Team Focus: Design)**

✓ **Feb 14- 17: High –Fidelity Wireframes** (All members)

- Sketch high-fidelity wireframes for main pages

✓ **Feb 17 - 21: Style Guide** (All members)

- Define Colors, Components, Text, and Icons (still in work)

## **Week 4: Design Website & Prototyping (Feb 22 – Mar 1)**

**(Team Focus: Design)**

✓ **Feb 22- Feb 26:** UI design (All members)

- Design user interface for main pages

✓ **Feb 27- Mar 1:** Prototype (All members)

- Prototyping main pages

## **Week 5: UX Strategy & Structure for Mobile App(Mar 1 – Mar 8)**

**(Team Focus: Flows & Structure)**

✓ **Mar 1 - 3:** User Flow Design (-----)

- Define key user flows (ordering, payment, tracking)

✓ **Mar 4 - 6:** Information Architecture (-----)

- Define sitemap & navigation structure

✓ **Mar 7- 8:** Low-Fidelity Wireframes (All team members)

- Sketch initial wireframes for main pages

## **Week 6: Design System & High –Fidelity Wireframes for Mobile App(Mar 9 – Mar 16)**

**(Team Focus: Design)**

✓ **Mar 9- 13:** High –Fidelity Wireframes (All members)

- Sketch high-fidelity wireframes for main pages

✓ **Mar 14- 16:** Style Guide (All members)

- Define Colors, Components, Text, and Icons (still in work)

## **Week 7: Design Mobile App & Prototyping (Mar 17 – Mar 24)**

**(Team Focus:Design)**

✓ **Mar 17- 21:** UI design (All members)

- Design user interface for main pages

✓ **Mar 22- 24:** Prototype (All members)

- Prototyping main pages

## **Week 8 & 9: Final Presentation & Testing (Mar 25 – Apr 11)**

**(Team Focus: Presentation & Testing )**

✓ **Mar 25- 28:** Testing (All members)

- Test Website & mobile App

✓ **Apr 4- 11:** Presentation (All members)

- Present our work

### **Project Links :**

#### **Figjam:**

[www.figma.com/board/VCEkoo8UfGsMXvm1udBR7v/UX-case-study?node-id=0-1&t=kK6Wm9flSdw1xh8o-1](https://www.figma.com/board/VCEkoo8UfGsMXvm1udBR7v/UX-case-study?node-id=0-1&t=kK6Wm9flSdw1xh8o-1)

#### **Figma Design:**

[www.figma.com/design/MMqHkiT9JmLfDh3BrYuFmn/Food-Hero?node-id=0-1&t=bHV8W5K89bPXIsxW-1](https://www.figma.com/design/MMqHkiT9JmLfDh3BrYuFmn/Food-Hero?node-id=0-1&t=bHV8W5K89bPXIsxW-1)