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