

Project Plan

1. Timeline (Gantt Chart)

Task	Start Date	End Date	Duration	Assigned To
Project Planning & Management	26/2/2025	21/3/2025	24 Days	Mahmoud Ramadan
Requirements Gathering	26/2/2025	21/3/2025	24 Days	Youssef Munir
System Analysis & Design	26/2/2025	21/3/2025	24 Days	Hager Zain El-Abdeen, Malak Emad
UI/UX Design	4/3/2025	21/3/2025	17 Days	UI/UX Designer
Frontend Development	15/3/2025	9/5/2025	54 Days	Youssef Munir, Hager, Malak
Backend Development	15/3/2025	9/5/2025	54 Days	Mahmoud Ramadan
Implementation (Source Code)	15/3/2025	9/5/2025	54 Days	Mahmoud, Youssef, Hager, Malak
Testing & Debugging	1/5/2025	7/5/2025	7 Days	Mahmoud, Youssef, Hager, Malak
Final Presentation & Reports	7/5/2025	8/5/2025	2 Days	Mahmoud Ramadan

2. Milestones

- **Milestone 1:** Complete Project Planning & Management, Literature Review, Requirements Gathering, and System Analysis & Design (21/3/2025).
- **Milestone 2:** Complete UI/UX Design (30/4/2025).
- **Milestone 3:** Complete Frontend Development and Backend Development (30/6/2025).
- **Milestone 4:** Complete Implementation (9/5/2025).
- **Milestone 5:** Complete Testing & Debugging (20/5/2025).
- **Milestone 6:** Complete Final Presentation & Reports (30/5/2025).

3. Deliverables

- **Project Proposal:** Project description and objectives (21/3/2025).
 - **Project Plan:** Task breakdown and timeline (21/3/2025).
 - **System Design:** Architecture and database design (21/3/2025).
 - **UI/UX Design:** User interface design (30/4/2025).
 - **Frontend Development:** Frontend implementation (30/6/2025).
 - **Backend Development:** Backend implementation (30/6/2025).
 - **Source Code:** Final project code (9/5/2025).
 - **Testing Report:** Testing and debugging report (20/5/2025).
 - **Final Presentation:** Final presentation and reports (30/5/2025).
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4. Resource Allocation

Mahmoud Ramadan:

- Project Planning & Management
- Backend Development
- Testing & Debugging
- Final Presentation & Reports

Youssef Munir:

- Requirements Gathering
- Frontend Development
- Assistance in Implementation
- Assistance in Testing & Debugging

Hager Zain El-Abdeen, Malak Emad:

- System Analysis & Design
- UI/UX Design
- Frontend Development
- Assistance in Implementation
- Assistance in Testing & Debugging