# Timeline

| 8/23 | 9/23 | 10/23 | 11/23 | 12/23 | 1/24 | 2/24 | 3/24 | 4/24 | 5/24 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Requirement Gathering**:  Proposal Writing.  Proposal approval.  survey creation.  **Analysis**:  Competitor analysis.  SWOT analysis | **Documentation started.**  **Requirement gathering:**  Collecting survey responses.  **Analysis:**  Analysing survey.  High-level features system recruitment. | **Documentation cont**.  **Analysis:**  Functional and non-functional requirements,  Use case Diagrams and descriptions.  **Design:**  BPMN models,  high level architecture.  Preliminary dataflows. | **Documentation cont.**  **Analysis:**  Full UI/UX analysis.  Detailed user personas and journeys.  **Design:**  **Class Diagram.**  ERD Diagram.  sequence Diagram.  Preliminary wireframes. | **Documentation cont**.  Finished UI Frames to use as references.  Revising the Analysis and Design plans and resources.  Initial Preparations for Implementation (API Endpoints guidelines, Mock data for testing, UI guidelines and rules) | **Documentation cont**.  Halting due to first-semester finals.  Only small auditions and fine-tuning | **Documentation cont.**  **Implementation:**  Mobile app  Website  Database  Server | **Documentation cont.**  **Implementation:**  Mobile app  Server  Website  Database  **Testing:**  initial processes test cases  test suite creations | **Documentation cont.**  **Implementation:**  Server  Security  **Testing:**  Increase testing cases and security testing. | **Documentation cont.**  **Testing:**  Running all regression cheks.  Fixing any remaining bugs.  Polishing UI |

# Work Distribution:

**Marwan:**

* Coordination of Work.
* Documentation writing and maintenance.
* System Features and Requirements.
* System Specification.
* Database System.
* Backend Servers.
* Testing.

**Abd-Elrahman:**

* Survey Creation and Its Analysis.
* Documentation Editing.
* System Features and Requirements.
* UX research.
* UI Frames.
* GP Presentation.

**Ahmed:**

* UseCase Descriptions.
* BPMN Diagrams.
* Class and ERD Diagrams.
* Mobile Application.
* Backend Server

**David:**

* Functional and non-functional requirements,
* UseCase Descriptions.
* BPMN Diagrams.
* Sequence Diagrams.
* Mobile Application.

**Mohamed:**

* Business plan.
* UseCase Diagrams.
* FrontEnd Application.
* Testing.