

Research to topic			Durations	Stat Date	End Date
Phase 1: Planning and Requirement Analysis			17 days	13/092023	29/09/2023
Task 1: Research and project finalize			6 days	13/092023	18/09/2023
Task 2: Scrum planning			7 days	19/09/2023	25/09/2023
Task 3: Client meeting			2 days	26/09/2023	27/09/2023
Task 4: Requirement collection			2 days	28/09/2023	29/09/2023
Phase 2: Defining Requirements			2 weeks	1/10/2023	14/10/2023
Task 1: User stories			7 days	1/10/2023	7/10/2023
Task 2: Product Backlog			7 days	8/10/2023	14/10/2023
Phase 3: Designing the Project Architecture			3 weeks	15/10/2023	11/11/2023
Task 1: Usecase, Sequence, and Context diagram develop			7 days	15/10/2023	21/10/2023
Task 2: DFD, class diagram, Activity diagram develop			7 days	29/10/2023	4/11/2023
Task 3: ERD, System Architecture, Wireframe develop			7 days	5/11/2023	11/11/2023
Phase 4: Building or Developing the Project			14 weeks	20/11/2023	9/3/2024
Sprint 1: DBMS creation			2 weeks	19/11/2023	5/12/2023
	Sprint Planning		1 day	19/11/2023	19/11/2023
	Sprint Backlog		1 day	20/11/2023	20/11/2023
	Development		7 days	21/11/2023	29/11/2023
	Testing		2 days	30/11/2023	1/12/2023
	Sprint Review, Retrospective and Release		1 day	4/11/2023	5/12/2023
Sprint 2: API development	Same process of Sprint 1		2 weeks	3/12/2023	16/12/2023
Sprint 3: Web development with UI	Same process of Sprint 1		2 weeks	17/12/2023	30/12/2024
Sprint 4: Local database with CRUD and Retrofit to API call	Same process of Sprint 1		2 weeks	31/12/2023	13/1/2024
Sprint 5: Mobile UI development	Same process of Sprint 1		2 weeks	14/1/2024	27/01/2-24
Sprint 6: Authentication development	Same process of Sprint 1		2 weeks	28/01/2024	10/02/2024
Sprint 7: Frontend and backend connection	Same process of Sprint 1		2 weeks	11/02/2024	24/2/2024
Sprint 8: Google services and Firebase implement	Same process of Sprint 1		2 weeks	25/2/2024	09/03/2024
Phase 5: Testing			2 weeks	10/3/2024	16/03/2024
Task 1: Final Testing					
Phase 6: Project Deployment			3 weeks	17/03/2024	06/04/2024
Task 1: Summarize the deployment project			7 days	17/03/2024	23/03/2024
Task 2: Document and mitigate risks			14 days	24/03/2024	6/4/2024
Phase 7: Maintenance and Release			2 weeks	7/4/2024	20/4/2024
Task 1: Budge and problem maintain			7 days	7/4/2024	13/4/2024
Task 2: Project review and submit			7 days	14/4/2024	20/4/2024