Research to topic		Durations	Stat Date
Phase 1: Planning and Requirement Analysis		3 weeks	10/09/2023
Task 1: Research and project finalize		7 days	10/09/2023
Task 2: Client meeting		3 days	17/09/2023
Task 3: Requirement collection		4 days	20/09/2023
Task 4: Proposal writing		7 days	24/09/2023
Phase 2: Defining Requirements		2 weeks	1/10/2023
Task 1: User stories		7 days	1/10/2023
Task 2: Scrum planning		7 days	8/10/2023
Task 3: Product Backlog		7 days	15/10/2023
Phase 3: Designing the Project Architecture		4 weeks	22/10/2023
Task 1: Research about UML Diagram and backend development		14 days	22/10/2023
Task 2: Usecase, Sequence, and Context diagram develop		7 days	5/11/2023
Task 3: DFD, Class diagram, Activity diagram develop		7 days	12/11/2023
Task 4: ERD, System architecture, Wireframe develop		7 days	19/11/2023
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Phase 4: Building or Developing the Project		14 weeks	26/11/2023
Sprint 1: DBMS creation		2 weeks	26/11/2023
	Sprint Planning	1 day	26/11/2023
	Sprint Backlog	1 day	27/11/2023
	Development	7 days	28/11/2023
	Testing	2 days	5/12/2023
	Sprint Review	1 day	7/12/2023
	Retrospective and Release	1 day	8/12/2023
Sprint 2: Rest API development	Same process of Sprint 1	2 weeks	10/12/2023
Sprint 3: Web admin panel Ui development	Same process of Sprint 1	2 weeks	24/12/2023
Sprint 4: Local database with CRUD and Retrofit to API implemen	Same process of Sprint 1	2 weeks	7/1/2024
Sprint 5: Mobile UI development	Same process of Sprint 1	2 weeks	21/1/2024
Sprint 6: Authentication development	Same process of Sprint 1	2 weeks	04/02/2024
Sprint 7: Frontend and backend connection	Same process of Sprint 1	2 weeks	18/02/2024
Sprint 8: Google services and Firebase implement	Same process of Sprint 1	2 weeks	3/3/2024
Phase 5: Testing		1 week	17/3/2024
Task 1: Final Testing		7 days	17/3/2024
Phase 6: Project Deployment		2 weeks	24/03/2024
Task 1: Summarize the deployment project		7 days	24/03/2024
Task 2: Document and mitigate risks		7 days	31/03/2024
Phase 7: Maintenance and Release		1 week	7/4/2024
Task 1: Bugs and problem maintain		3 days	7/4/2024
Task 2: Project review and submit		4 days	10/4/2024

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