

Weekly Report 1

10/06/2024 - 17/06/2024

Group ID: 08

Project Name: LOGiT

Prepared by: Võ Minh Khôi

Team members:

21127432 - Lê Ngọc Thảo *Project Manager, UI/UX Designer, Frontend Developer, Backend Developer, Tester*

22127042 - Lê Nguyễn Minh Châu *AI Engineer, Backend Developer, Tester*

22127129 - Nguyễn Tấn Hoàng *AI Engineer, Backend Developer, Tester*

22127158 - Nhâm Đức Huy *UI/UX Designer, Frontend Developer, Backend Developer, Tester*

22127213 - Võ Minh Khôi *Project Manager, Business Analyst, Frontend Developer, Backend Developer, Tester*

1. Achievements since last week:

STT	Description	Due Date	Responsibility	%Complete
1	Research for UX/UI designs	17/06/2024	Thảo, Huy	100
2	Work on database structure	17/06/2024	Khôi, Châu	100
3	Draw class diagram, database diagram	17/06/2024	All members	100
4	Use-case model and use-case specification	17/06/2024	All members	30

2. Issues and impacts:

- Problem in database structure design:** Our team faced significant challenges in designing the database structure due to difficulties in selecting the appropriate data models. We spent considerable time debating the pros and cons of relational versus NoSQL databases, considering factors such as scalability, flexibility, and query complexity. This indecision led to delays in our development timeline. To resolve this, we conducted a detailed analysis of our project's requirements and determined that a NoSQL system would best suit our needs due to its scalability and flexibility in handling unstructured data. By making this decision, we were able to streamline our database design process and refocus our efforts on other critical development tasks, ensuring that our project remained on track..

3. Next week's goals:

STT	Description	Due Date	Responsibility
1	Design UI/UX	15/07/2024	Thảo, Huy
2	Front-end implementation	15/07/2024	Huy, Khôi, Thảo
3	Back-end implementation	15/07/2024	Hoàng, Châu
4	Use-case model and use-case specification (cont'd)	15/07/2024	All members
5	Define the software architecture for the project	15/07/2024	All members