

EASE EXAM

EaseExam is a platform designed to simplify the creation of exam questions from lecture materials. It allows professors to upload files to generate questions based on key concepts and information. The platform also incorporates artificial intelligence technology, allowing users to interact with the system. This allows professors to focus on teaching and facilitating learning experiences for their students, revolutionizing exam preparation.

Development Team:

- 1. Achero, Noriel R.** – Project Manager, Front-End Developer
- 2. Celajes, Aeron Red. R** – Back-End Developer
- 3. Ines, Samantha Pauline L.** – UI/UX Designer, Tester
- 4. Manliguez, Angelica Mae A.** – Front-End Developer

Development of EaseExam follows (it will be then transferred to a Gantt Chart):

1. Project Kick-Off / Meeting (1 day)

Planning of development and discussion of tasks and schedule. Discussion of documentation and writing of research paper is also included in this phase.

- Achero, Noriel R. – Project Manager, Front-End Developer
- Celajes, Aeron Red. R – Back-End Developer
- Ines, Samantha Pauline L. – UI/UX Designer, Tester
- Manliguez, Angelica Mae A. – Front-End Developer

2. Requirements Gathering (2 days)

Requirements gathering involves the gathering, documenting, and analyzing the needs of the of the project.

- Achero, Noriel R. – Project Manager, Front-End Developer
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- Ines, Samantha Pauline L. – UI/UX Designer, Tester
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3. User-story Definition (1 day)

User-Story Definition is a stage where specific requirements are gathered from the POV of the users.

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4. UI/UX Design (1 day)

UI/UX Design is the process of design the interface.

- Ines, Samantha Pauline L. – UI/UX Designer

5. Front-End Development (5 days)

Development of the UI/UX based on the design diagrams.

- Manliguez, Angelica Mae A. – Front-End Developer
- Achero, Noriel R. – Project Manager, Front-End Developer

6. Back-End Development (5 days)

Development of the back-end code. Integration of API Connection: MuPDF and OpenAI. Integration of Front-End to Back-End.

- Celajes, Aeron Red. R – Back-End Developer

7. Testing and Quality Assurance (3 days)

Various validation and verification occur to ensure that the application is working properly.

- Ines, Samantha Pauline L. – Tester
- Manliguez, Angelica Mae A. – Front-End Developer
- Celajes, Aeron Red. R – Back-End Developer

8. Deployment and Monitoring (2 days)

Deployment of the application to the hosting.

- Achero, Noriel R. – Project Manager
- Celajes, Aeron Red. R – Back-End Developer

The total days of the project timeline is **20 days**.