

ChatCNU

Final Presentation

Group 2

2024-12-02

CSIT883

System Analysis and Project Management

Introduction

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Our Project

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Our Project

Inspiration

- Generative GAI's rapid development.



Our Project

Inspiration

- Generative GAI's rapid development.
- Harness its strengths



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- Generative GAI's rapid development.
- Harness its strengths → Making AI resources more accessible and effective.



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- Harness its strengths → Making AI resources more accessible and effective.

Objective

- An intelligent Q&A web-based application.
- Enhancing the learning experience for users in university.
- Leveraging the powerful text-generation ability of Generative Artificial Intelligence(GAI).

Innovation



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- Many tools guide users on how to write effective prompts for learning through AI.



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- Using GAI to study like generating quizzes will produce tons of text.



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Our App

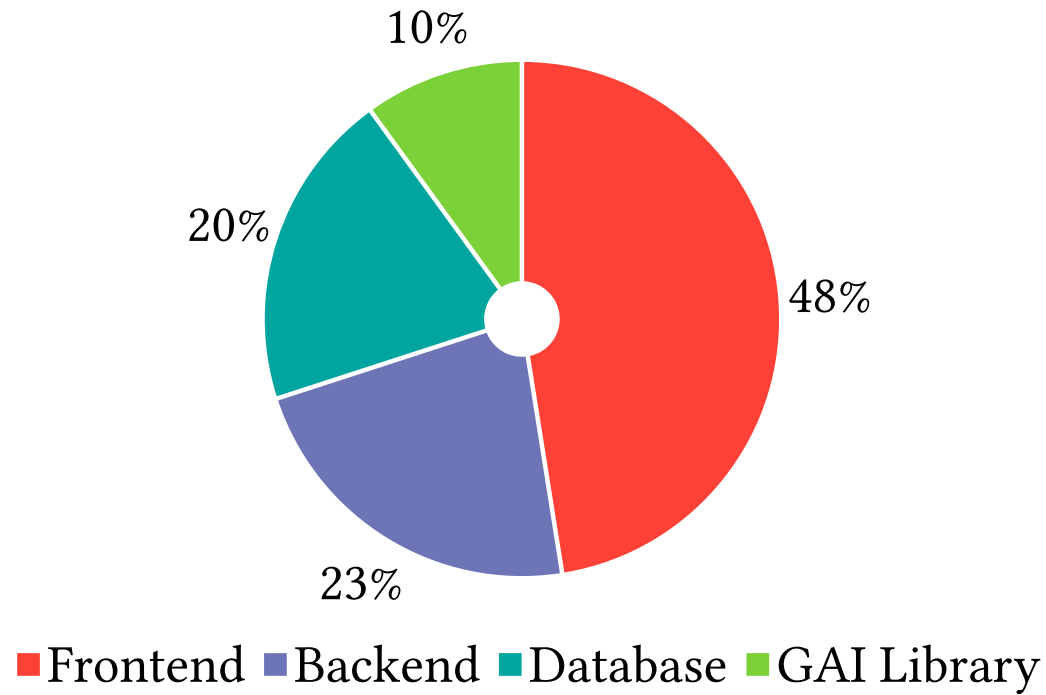


GAI Generated Content

Job Distribution

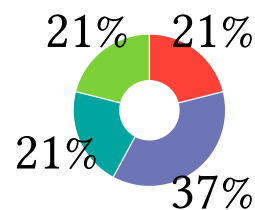
Total

Our project can be divided into four parts:



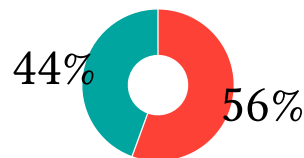
Modules

Frontend



■ Liu Zitao ■ Chen Xinyuan ■ Wang Tianle ■ Zhang Zihao

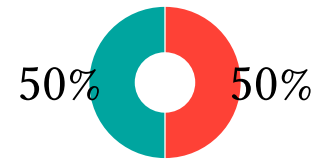
Backend



■ Cheng Yixiao ■ Chen Xu

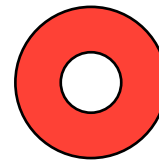
Modules

Database



■ Yang Bingjie ■ Huang Shan

GAI Library

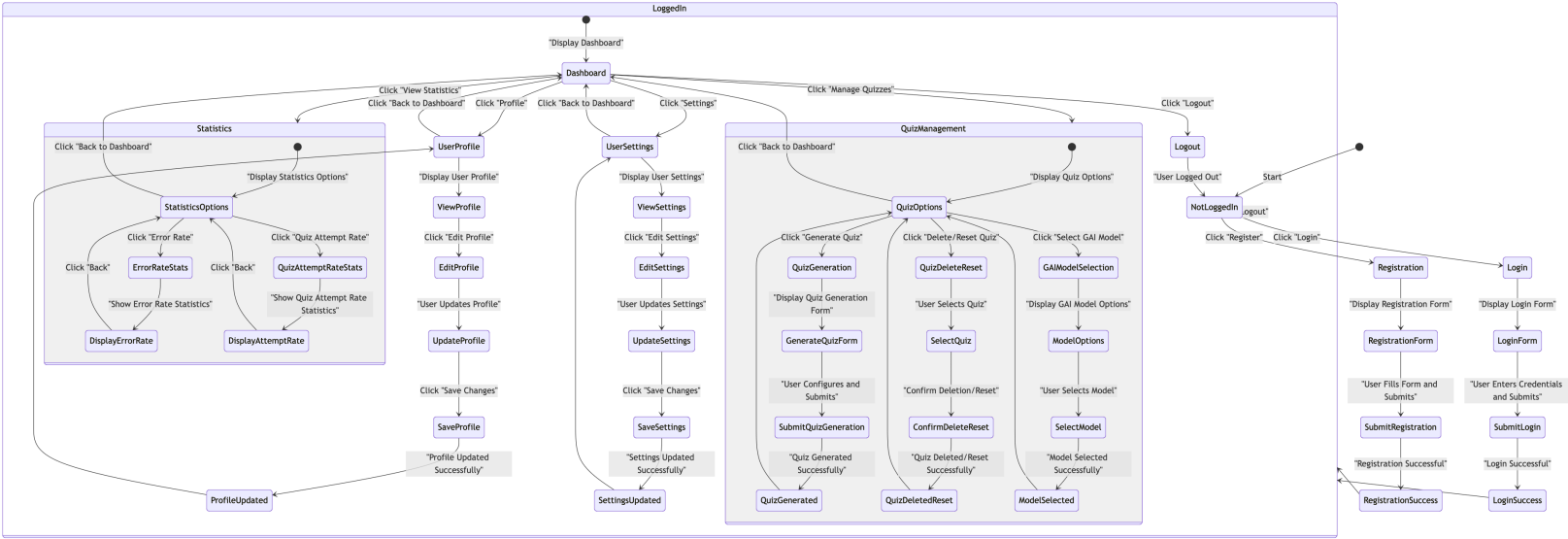


100%

■ Liu Zitao

Functionality

Overview



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User Management



User Management

Registration & Login & Logout

- Provide email, name and password to register.
- Login with name and password.
- Logout from the system.



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User Profile

- Change Name, Email, Password



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User Profile

- Change Name, Email, Password

User Settings

- Dark Mode, Question Settings, Model Selection

Quiz Management



Quiz Management

Quiz Generation

- Choose Subject, tag, number of questions and question type to generate quiz.



Quiz Management

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- Choose Subject, tag, number of questions and question type to generate quiz.

Quiz Answering

- Answer the questions generated by GAI.
- Questions can easily navigated.



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Quiz Generation

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Quiz Answering

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Quiz Delete & Reset

- Delete quiz if not satisfied.
- Reset quiz to re-answer questions.

Introduction

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Job Distribution

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Functionality

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Statistics

Statistics

Error Rate

- Display the error rate of the quiz by each subject.



Statistics

Error Rate

- Display the error rate of the quiz by each subject.

Quiz Attempt Rate

- Display the attempt rate of the quiz by each subject.