

# 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.



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- Harness its strengths



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## Inspiration

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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





## Innovation

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



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### Our App

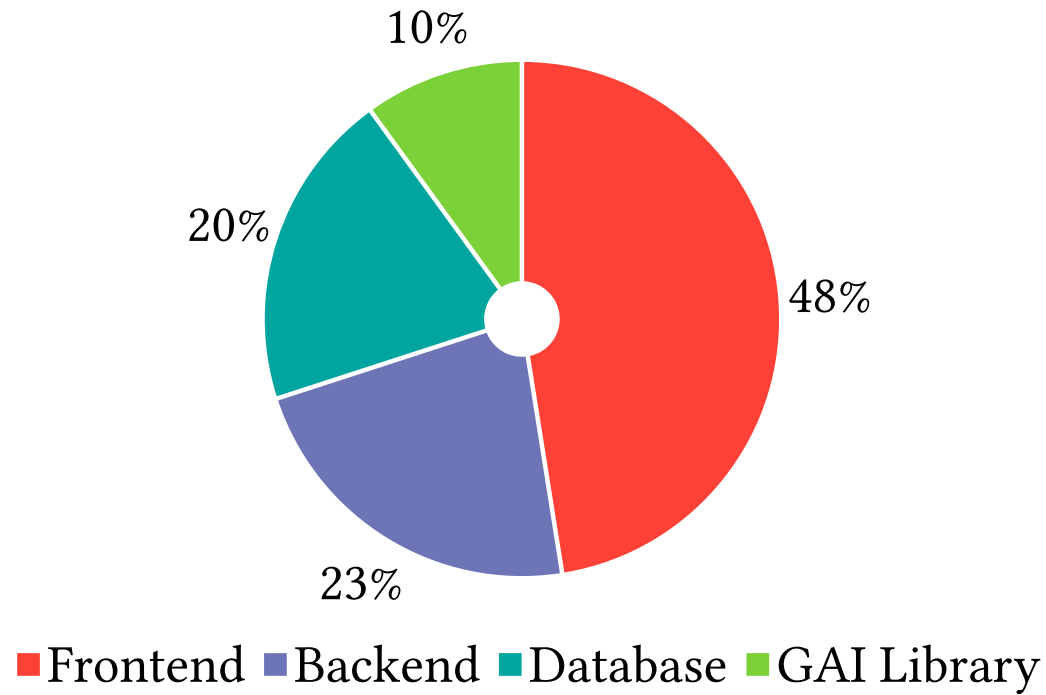


GAI Generated Content

# *Job Distribution*

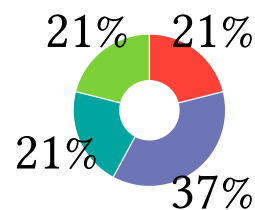
# Total

Our project can be divided into four parts:



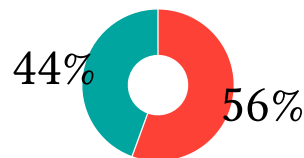
# Modules

## Frontend



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

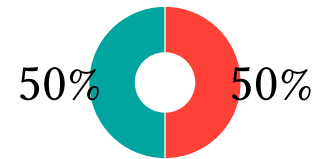
## Backend



■ Cheng Yixiao ■ Chen Xu

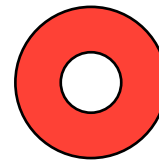
# Modules

## Database



■ Yang Bingjie ■ Huang Shan

## GAI Library

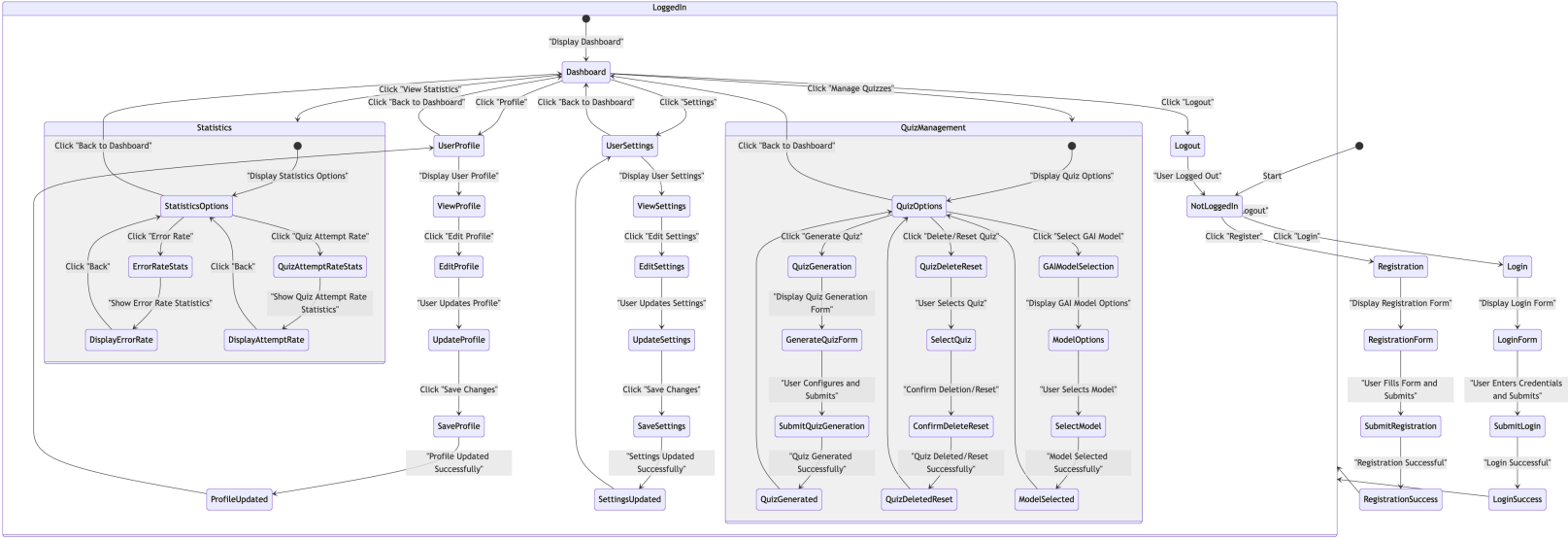


■ Liu Zitao



*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.



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### Quiz Answering

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



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### Quiz Delete & Reset

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

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# Statistics

## Statistics

### Error Rate

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



## Statistics

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

### Quiz Attempt Rate

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