Fit track

Software Engineering

Speaker: Liu Zhe

Group number： No.6

Time： 2024.10.19

Agenda

01
Demand Analysis
Key points and challenges in this Assignment

02
Work distribution
The division of labor of each team member is detailed

03
Project Division of labor (Detail)
Performance distribution among team members

04
Planning and summary
Task time planning

01. Demand Analysis

Key points and challenges in this Assignment

Demand Analysis

Understand the requirements for producing a Requirements Analysis Document, focusing on aesthetics, standardization, and adherence to best practices.
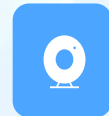
Learn the specifications for writing high-quality requirements documents.

Understand the design standards for creating the project opening and defense presentation, ensuring it is visually appealing with clear graphics and text.

Organize the team for document writing and task distribution.

Ensure all materials are written in clear, professional English.

Introduce the project, explore technical improvements, and refine the project plan based on feedback from the defense.

KEY POINT

02. Work distribution

The division of labor of each team member is detailed

Work distribution

Name	Work Description	Contribution
MingJun Xu	1. Coordination of links between project program 2. Back-end development 3. Blog writing 4. Data retrieval and report writing 5. Connect with local gyms to form partnerships 6. Requirement analysis document writing 7. Gather information and integrate 8. Docking with publicity team and product manager	16%
Zhihua Ou	1.Back-end development 2.Add, modify data and related content 3.Forum/discussion forum construction, posting construction	6%
Yi Lin	1.Back-end development 2.Add, modify data and related content 3.Forum/discussion forum construction，posting construction 4. Data retrieval and report writing	8%

Name	Work Description	Contribution
Conghan You	1.Back-end development 2.Add, modify data and related content 3.Forum/discussion forum construction， posting construction	6%
Shihao Zhou	1.Front-end beautification 2.Front-end development 3.Forum/discussion forum construction , posting construction	6%
Jiaao Hou	1.Front-end beautification 2.Front-end development 3.Forum/discussion forum construction , posting construction 4.Gather information and integrate 5.Requirement analysis document writing 6. Connect with local gyms to form partnerships 7.Data retrieval and report writing	14%
Zichong Wang	1.0ptimize database queries 2.improve API performance, and implement 3.caching mechanisms for high performance	6%

Name	Work Description	Contribution
Zhe Liu	1.Optimize database queries 2.improve API performance, and implement 3.caching mechanisms for high performance 4.Gatherinformation and integrate 5.Requirement analysis document writing 6. Connect with local gyms to form partnerships 7.Data retrieval and report writing	14%
Shaosong Guo	1.Optimize database queries 2.improve API performance, and implement 3.caching mechanisms for high performance.	6%
Yu Gao	1.UI/ux design 2.Docking with publicity team and productmanager 3.Gather information and integrate	6%
XingChengHuang	1.UI/UX design 2.Docking with publicity team and productmanager 3.Gather information and integrate	6%
YuLiang Lin	1.UI/UX desian 2.Docking with publicity team and productmanager 3.Gather information and integrate	6%

03. Project Division of labor (Detail)

MingJun Xu 832201223

1. Coordination of links between project program
2. Back-end development
3. Blog writing
4. Data retrieval and report writing
5. Connect with local gyms to form partnerships
6. Requirement analysis document writing
7. Gather information and integrate
8. Docking with publicity team and product manager

Zhihua Ou 832201217

- 1.Back-end development

- 2.Add, modify data and related content

- 3.Forum/discussion forum construction, posting construction

Yi Lin 832201216

- Back-end development

- Add,modify data and related content

- Forum/discussion forum construction,posting construction

- Data retrieval and report writing

Conghan You 832201203

- Back-end development

- Add modify data and related content

- Forum/discussion forum construction posting construction

Shihao Zhou 832201220

- Front-end beautification

- Front-end development

- Forum/discussion forum construction,posting construction

Jiaao Hou 832201221

1.Front-end beautification

2.Front-end development

3.Forum/discussion forum construction,posting construction

4.Gather information and integrate

5.Requirement analysis document writing

6. Connect with local gyms to formpartnerships

7.Data retrieval and report writing

Xingcheng Huang 832201123

- UI/UX design

- Docking with publicity team and product manager

- Gather information and integrate

Zichong Wang 832201202

1.Optimize database queries

2.improve API performance, and implement

3.caching mechanisms for high performance.

Zhe Liu 832201206

- 0ptimize database queries

- improve API performance and implement

- caching mechanisms for high performance

- Gather information and integrate

- Requirement analysis document writing

- Connect with local gyms to form partnerships

- Data retrieval and report writing

Shaosong Guo 832201224

- 0ptimize database queries

- improve API performance, and implement

- caching mechanisms for high performance.

Yu Gao 832201121

- UI/UX design

- Docking with publicity team and product manager

- Gather information and integrate

Yuliang Lin 832101218

- 1.UI/UX design

- 2.Docking with publicity team and product manager

- 3. Gather information and integrate

04. Project Diary

Task time planning

Research time planning

01
WEEK 1
Understand technical requirements: tools such as React, Node.js, PostgreSQL, OAuth 2.0, and security practices.。

02
WEEK 2
Conduct the first online meeting to determine the division of labor, task allocation, and initial project setup.

03
WEEK 3
Development team: Start learning front-end technologies.
Project manager: Collect information and finalize UI design.

04
WEEK 4
Development team: Begin building the website and adding core functionalities.

Fit track

thank