



Project Summary Report

For the fourth assignment

This report will describe the purpose, significance and background of the project, as well as the research and development content of the project and the work of the team.



2023

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C O N T E N T S

CATALOGUE



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Purpose and Significance of Project Development



Purpose

The THEMIS project aims to build a fully functional, user-friendly, convenient and secure campus used items rental software. The use of this software can ensure the security and reliability of the on-campus transaction process, and increase the interaction and sociability by using features.



Significance

The campus rental platform aims to provide students with a convenient and safe trading platform, facilitate students to conduct second-hand transactions, and promote the sharing and recycling of campus resources. This app can save money and time for college students. At the same time, it can also promote exchanges and mutual assistance among students, cultivate students' innovative and entrepreneurial spirit.



Project Background

Demand + Market deficiencies

Demand:

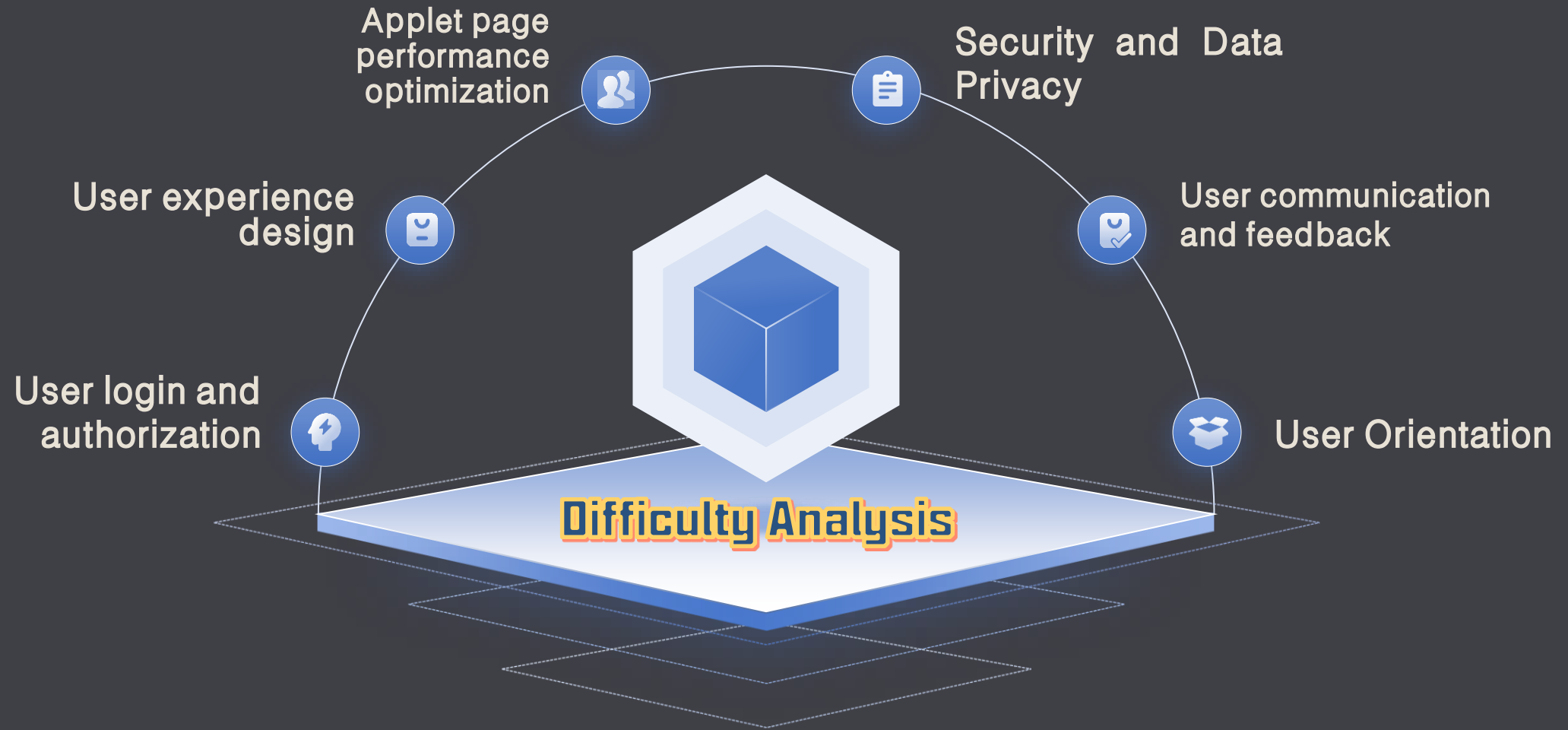
According to the user survey, almost everyone has spare items, and in the university campus, there is often a transaction demand for items among students.

Market deficiencies:

1. The current trading method is usually through social media or offline communication, which is not convenient for students to trade.
2. The lack of a unified trading platform and supervision by a third party leads to risks and unreliability of transactions between buyers and sellers.

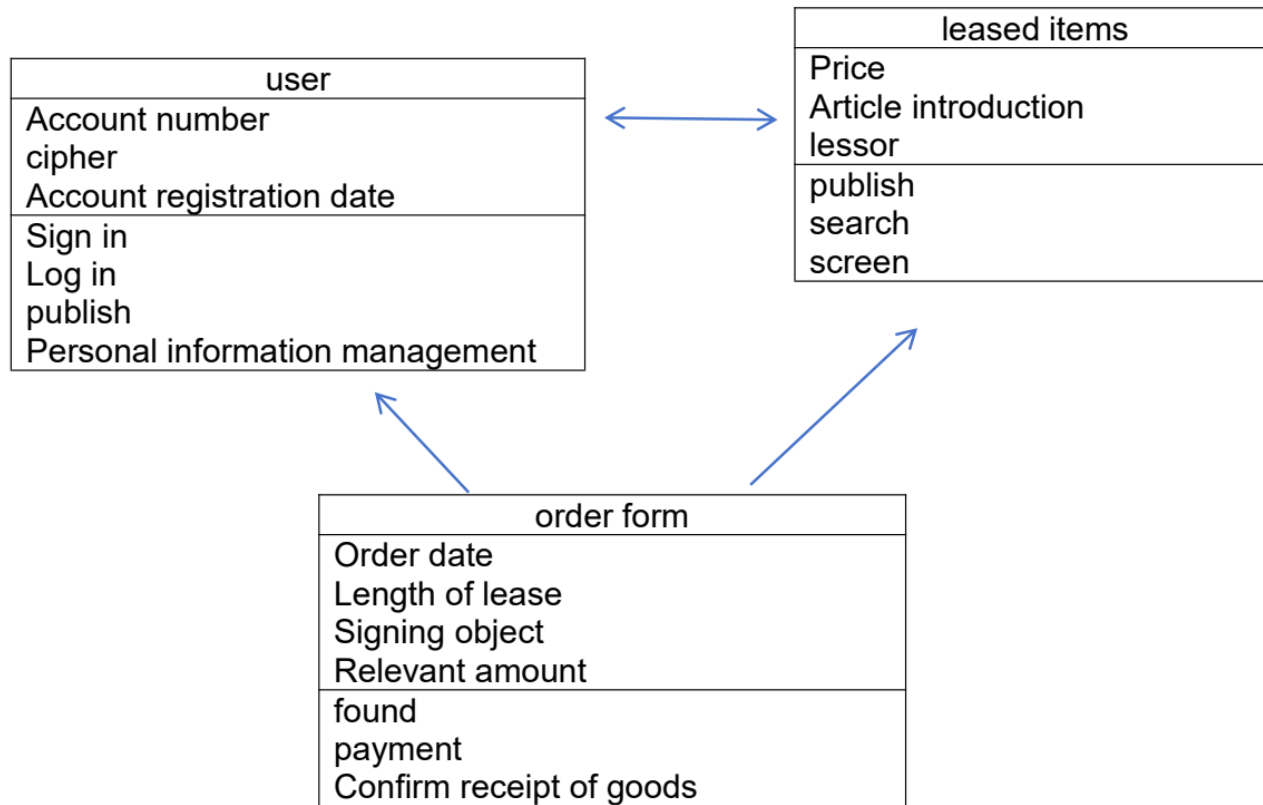
The wechat mini program to develop a campus second-hand trading platform can provide a convenient and safe trading environment to meet the trading needs of students.

Content of project research and development



Content of project research and development

class diagram



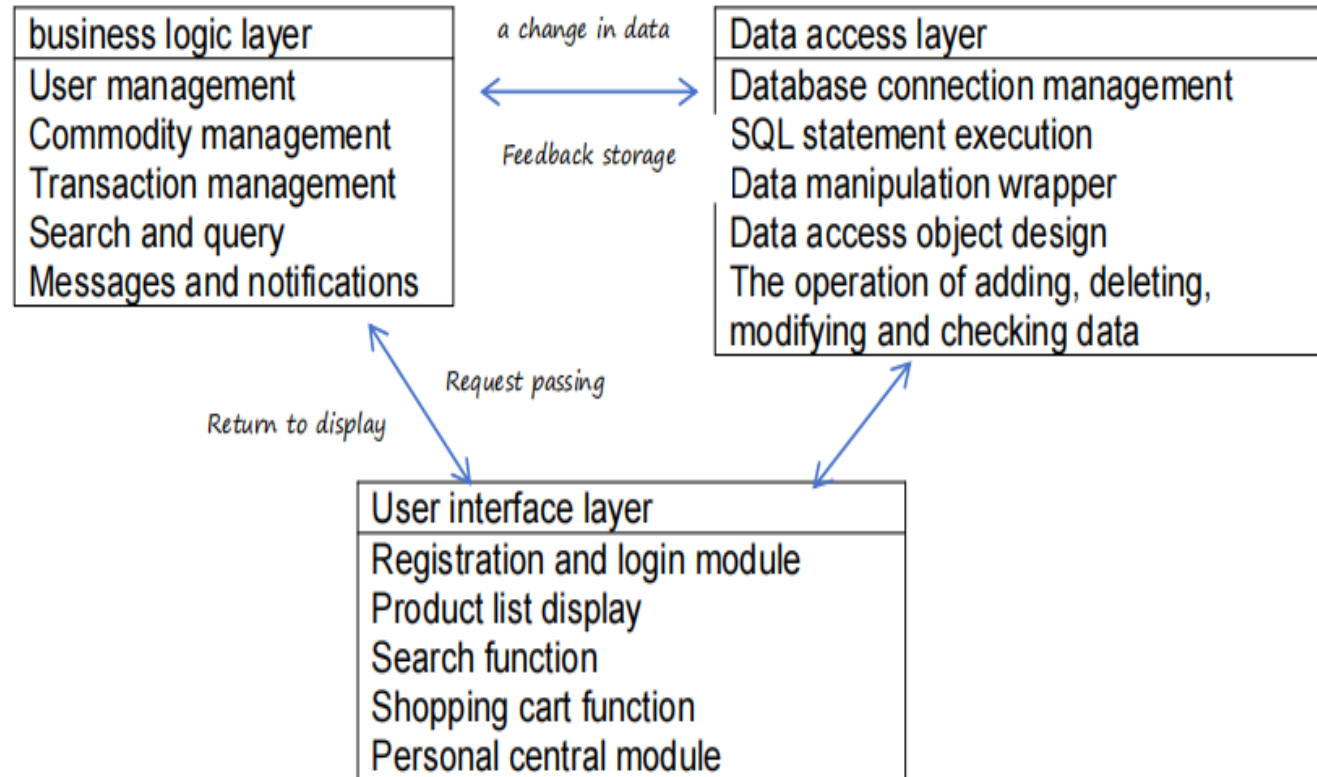
The class diagram includes the following core classes:

Users, goods, Orders

The user category includes registration, login, personal information management, etc. The product category includes publishing, searching, filtering and other methods. The order class includes parties that create, pay, confirm receipt, and so on.

Content of project research and development

class diagram



There is an association between these classes, such as the user can publish multiple items, the item can belong to a user, and the order is associated with a user and an item.

Division of labor among members

Name	Member Division of Labor	Porkload proportion
Jie Huang	Requirements specification integration and writing + Report	13%
Hongming Chen	Requirements specification information collection	5%
Yuxiang Su	Requirement analysis report + Blog	10%
Daming Fu	Requirement analysis report + Blog	10%
Minghao Gao	Participate in the requirements document discussion	3.86%
Jiayi Lu	Requirements specification information collection	5%
Zhipeng Wang	Participate in the requirements document discussion	3.86%
Weijie Hong	Participate in the requirements document discussion	3.86%
Yuxin Peng	PPT content production and page layout	10%
Lin Bao	PPT content production and page layout	10%
Siqi Lin	Requirements analysis audit form + Platform development path planning	10%
Zhaoqing Lin	Participate in the requirements document discussion	3.86%
Xinyun Li	Participate in the requirements document discussion	3.86%
Yuyang Hua	Participate in the requirements document discussion	3.86%
Wenxuan Zhou	Participate in the requirements document discussion	3.86%



Thanks!

Summarize the work/plan for the future



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