

Project Progress Report

Process updates #2

1. Project Information

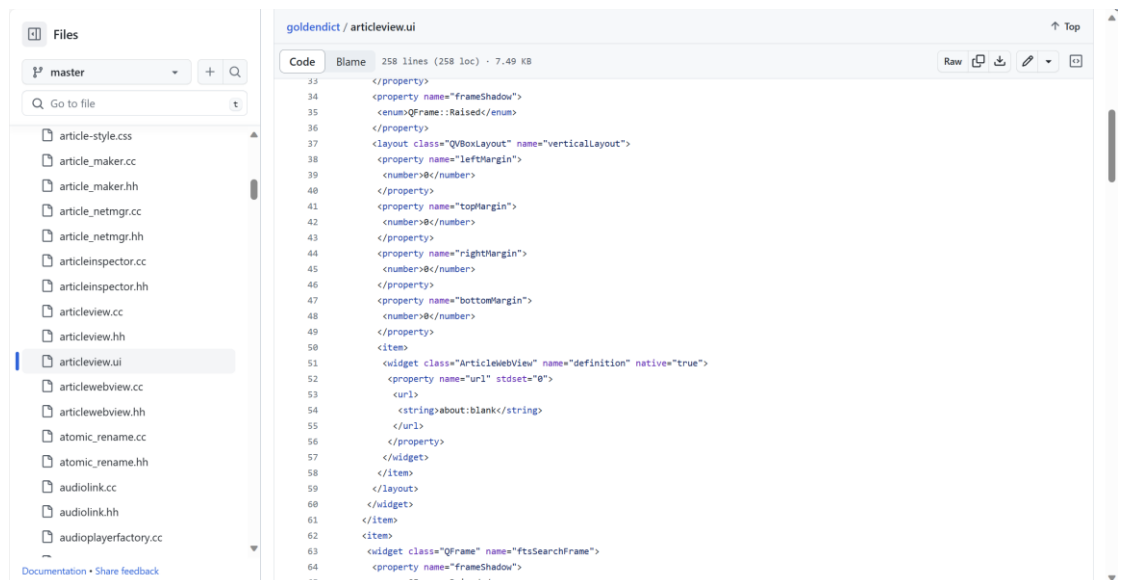
Project Name: ABD Dictionary

Report Date: October 29th

2. Current Project Status

Progress overview:

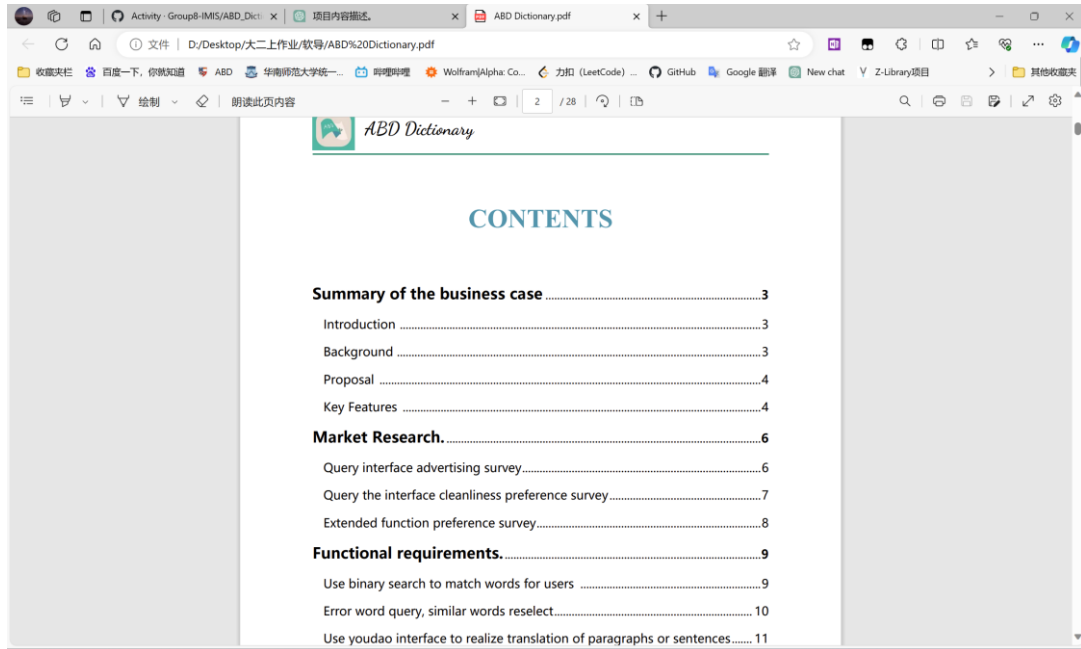
1. Logo design
2. Software core algorithm design



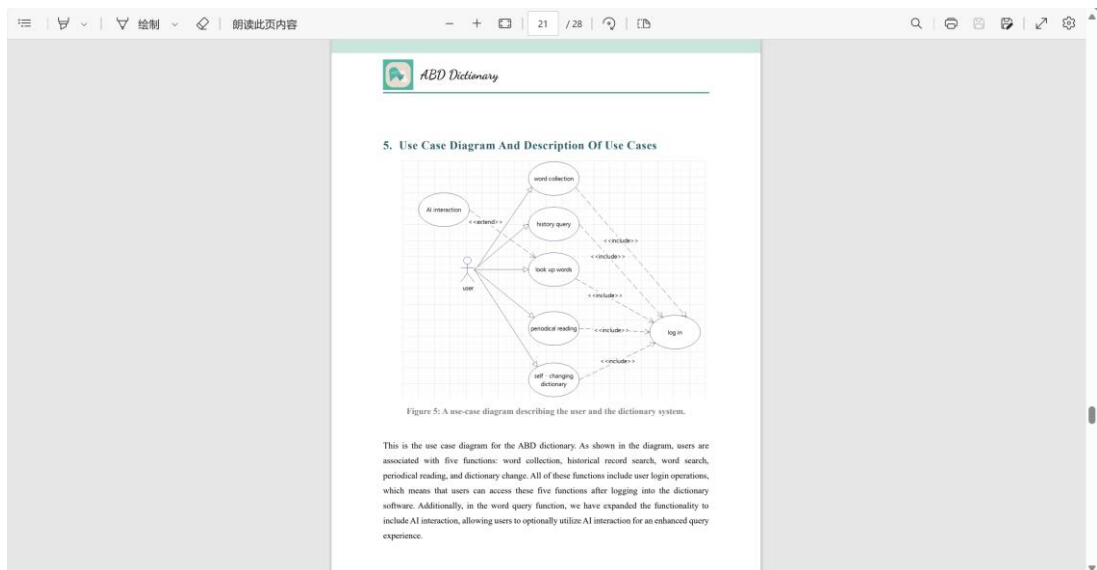
3. White paper writing
4. UI design

3. Completed Work

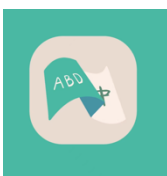
1. White paper writing



Summary of the business case	3
Introduction	3
Background	3
Proposal	4
Key Features	4
Market Research	6
Query interface advertising survey	6
Query the interface cleanliness preference survey	7
Extended function preference survey	8
Functional requirements	9
Use binary search to match words for users	9
Error word query, similar words reselect	10
Use youdao interface to realize translation of paragraphs or sentences	11



2. Logo design

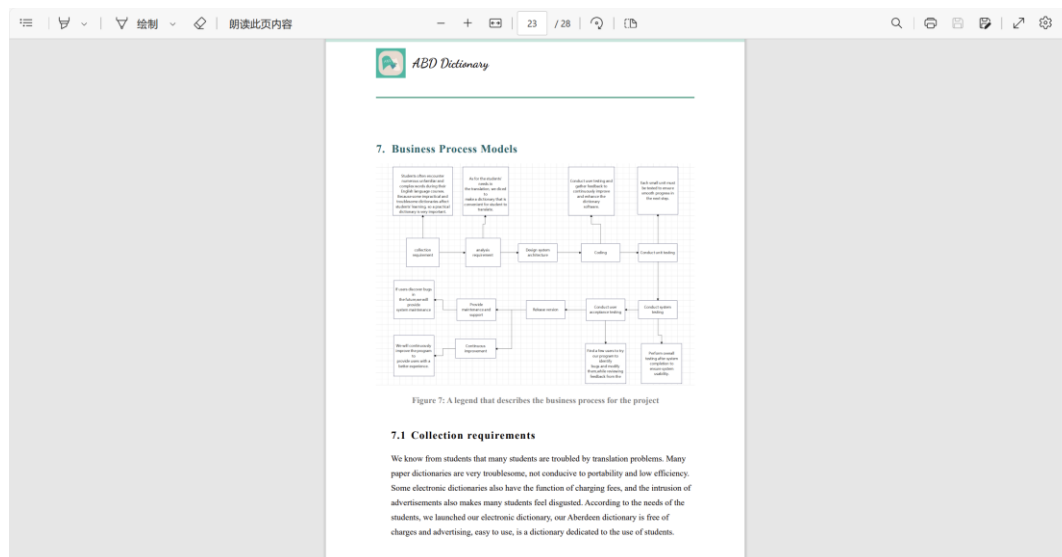


4. Issues and Challenges

Description: While writing our software engineering white paper, we encountered difficulties in creating the required illustrations.

Impact: Lacking expertise in drawing UML diagrams, we found ourselves starting from scratch.

Solutions: To overcome this challenge, we extensively researched official documentation and familiarized ourselves with each type of UML diagram and its drawing conventions. Through this process, we successfully completed all the required illustrations.



5. Next steps

Our future plan for dictionary software interface development focus on the following aspects:

1. Emphasizing a clean and intuitive user interface design that allows users to find and access the desired words and definitions easily and quickly.
2. Introducing more multimedia elements, such as pronunciation, example sentences, and images, to provide richer and comprehensive vocabulary information.
3. Implementing intelligent search and prediction features that offer more accurate and personalized search results by learning user habits and context.