Project status report 4

CS673 Team-5 Project

Meeting Minutes

Date and Time: 10/23/2024, 9:00 pm-10:00 pm
Place: Zoom meeting
Participants: Yi Zeng, Chaojin Guo, Aradhana Mehra, Damodhar Pai, Tianchi Wu
Minutes taker: Yi Zeng
Timekeeper: Yi Zeng
Purpose: Discuss this week's work distribution, some revisions to the database design, and a brief discussion of design

Agenda:

1. Review DB tables
2. APIs design
3. Pages design
4. SDD doc work distribution
5. Future plan

Discussions:

1. We went through the database tables that we had built and made some revisions.
2. Introduce the APIs design.
3. Introduce the Frontend Pages planning.
4. Discussed our documentation work distribution.
5. Described the work plan after completing the document.

Key Decisions:

1. Each person completes a part of the document.
   SDD document work distribution:
   - Damodhar Pai: Introduction, Design Patterns Overview
   - Tianchi Wu: Software Architecture, UI design
   - Aradhana Mehra: Class Diagram, Tables Explanation
   - Chaojin Guo: UI design

- Yi Zeng: Outline, Functions (APIs) Design, second check

2. Tianchi and Chaojin work together to complete the UI design, balancing the work loads for each one.
3. After completing your documentation work, backend developers can start coding on APIs based on Functions (APIs) design, frontend developers can start coding on React components.

Action Items:

1. SDD document
2. Project Status Report 4

Individual Contribution This Week

- Damodhar Pai:
    1. Finalized the "Introduction" and "Design Patterns Overview" in the SDD.
    2. Initiated backend API structure with Django models, serializers, and viewsets for core entities.
    3. Detailed the attributes, methods, and relationships for core entities (Users, Posts, Comments, and Hashtags) and established initial models and relationships to support CRUD functionality for these entities.
    4. Outlined token-based authentication for secure, role-based access.
    5. Began planning API documentation to guide frontend integration.

- Tianchi Wu:
    1. Created the Index page, which serves as the entry point to the website, and by default, it provides a user login interface.
    2. A pop-up window is used on the Index page to implement the user registration interface.

- Aradhana Mehra:
    1. Designed the class diagram, defining core entities and their relationships, to establish a clear structure for the TerrierConnect project.
    2. Provided an explanation of the class diagram, detailing attributes, methods, and relationships between `Users`, `Posts`, `Comments`, and `Hashtags`.
    3. Created the ER diagram for the `Users` table, capturing essential fields for user profile management and authentication.
    4. Drafted a comprehensive explanation for the entire ER diagram, outlining entity relationships and the rationale for key attributes to align with project requirements.

- Chaojin Guo:
  1. Redesigned some details of the interface, changed the main color from red to dark blue, which is more acceptable while watching.
  2. Complete navigation bar and sidebar components, add some prevailed effects into them.
  3. Created home page and detailed post pages together with Tianchi.

- Yi Zeng:
  1. Held meeting, recorded minutes.
  2. Outlined the SDD doc, final check and formatting.
  3. Completed the Functions (APIs) Design in the SDD.
  4. Summarized pages we needed.
  5. Corrected database tables, added missing fields, removed redundant fields, and improved the ER diagram.
  6. Learning to use simplejwt and interceptor middleware to implement token authentication in Django, in preparation for API development.

GitHub Repository

https://github.com/tianchiw/terrier-connect