**CSE703014 – PROJECT II**

**PROJECT PROPOSAL**

**PROJECT**: “Build a TOEIC test preparation web application”

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**DATE**: 26/08/2024 – 11/11/2024

**STATEMENT OF WORK:**

Task 1: Idea Generation and Project Design

* Discuss and brainstorm the goals and functions of the application.
* Research user needs and identify necessary features.

Task 2: Database Design

* Analyze and design the database structure to store information.
* Identify tables, relationships between tables, and their attributes.

Task 3: User Interface (UI) Development

* Design a visually appealing and user-friendly interface.
* Create wireframes and prototypes for the main pages of the application.

Task 4: Backend Development

* Program the necessary APIs to handle data and connect to the database.
* Ensure security and performance for the application.

Task 5: Integration and Testing

* Integrate the frontend and backend to ensure smooth operation.
* Conduct functional testing, performance testing, and fix any bugs if found.

Task 6: Deployment and Maintenance

* Deploy the application to the production environment.
* Perform regular maintenance and update features based on user feedback.

**DELIVERABLES**: Project deliverables will consist of:

1. Build a TOEIC test preparation web application: Complete an online platform that allows users to practice for the TOEIC exam with simulated tests and study materials.
2. Develop the user interface (UI): Create a user-friendly interface with features such as login, progress tracking, and access to review materials.
3. Integrate functions: Implement functionalities such as creating tests, saving results, and analyzing users' learning performance.

Hà Nội, September 20, 2023

Confirmation of Supervisor