**THESIS REGISTRATION**

Student Name: Tran Hai Nam. ID: ITITIU19161. Date of request: 3/10/2023

Cell phone: 0917417799

Advisor Name: Huynh Kha Tu. Semester: 1. Year: 2023-2024

|  |  |
| --- | --- |
| **TOPIC SUMMARY** | |
| **Topic** | **WEB APP FOR SUPPORTING INTERNSHIPS AT AN**  **INTERNATIONAL UNIVERSITY** |
| **Field** | **COMPUTER SCIENCE & ENGINEERING** |
| **Specialty** | **INFORMATION TECHNOLOGY** |
| **Keywords** |  |
| **PROBLEM DESCRIPTIONS** | |
| A website for support internships at international universities is a project to solve problems about students and teachers in internships. When I go to an internship at school the connection and interaction between student and school is less which leads to a problem student do not understand what they need to do in an internship at university. This project will solve that it also helps students can find jobs easier and teachers can manage all the students in this term.  General requirements:   * User authentication: Determine the user's roles and permissions on this website to provide appropriate functionality to the user.   - Filter and search: Functions to help users sort or search on the web  - Notifications: the website will send notifications to users when someone uploads, updates a new status, or makes an announcement from the university.  - Community tools: users supporting the website can connect with each other for better workflow. Third parties can be embedded to reduce resources.   * Design the system of website: Increase accessibility as well as handle load from multiple users at the same time and have the ability to upgrade and expand for the future.   Student**:**   * Display and register for jobs: Students can look up and register for jobs on the website and turn the status into notification for teachers to know and handle. * Information page: Students can check their own information to authenticate registration and enter scores later. * Company page: displays information about companies with job offers. * Apply and Register form: is a page where students can send emails to apply for the job they want. * Jobs applied: displays jobs for which applications have been submitted. * Report page: page for students to get report forms and submit their reports to teachers for grading. * CV page: to register the cv you want to attach to job applications, there is a cv template available that can be created. * Job suggestions: based on students' data and information to suggest some jobs related to personality as well as job field... * Chat bot: supports students in answering questions related to process issues and gets information from students by asking questions and giving suggestions to help students find jobs more easily.   Teacher:   * Student management: Teachers can see student lists and information. * Grading page: teachers check student reports, enter grades for that student, and have the ability to export to a file to conveniently enter grades into the school's grading system. * Report page: teachers can take report templates and send their report files to the school to support office tasks for teachers.   Admin:   * Management: manage students and teachers during the internship semester, control information and notify each user. * Job management: add or remove existing jobs and change the status of jobs that no longer exist, etc. | |
| **WORK PLAN** | |
| First:   * Research and analyze to choose and use the most suitable technology for this web app project, choosing integrated solutions for the interface, server, data, ...   Second:   * Deploy and implement the front-end side to determine the user's workflow when using the web.   Third:   * Deploy and implement the backend Distribute data streams to optimize performance as well as information security.   Fourth:   * Deploy and test the system and design to help the system increase access speed and increase the number of users.   Finally:   * Summarize and write an application report about the applications and test runs. | |
| **Supervisor Approval**  **Approval Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.** | |