**THESIS REGISTRATION**

Student Name: Khưu Khôn Lâm ID: ITITIU18303 Date of request: 31/01/2023

Advisor Name: Assoc. Prof. Nguyễn Văn Sinh Semester: 2 Year: 2022 - 2023

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| **TOPIC SUMMARY** | |
| **Topic** | **A web-based system for articles management** |
| **Field** | **Web Application** |
| **Specialty** | **Information Technology, Computer Science, Web Application** |
| **Keywords** | **Article management, Generating the references automatically, Web-app management** |
| **PROBLEM DESCRIPTIONS** | |
| 1. **Motivation:**   With the speed of growth in the number of articles today. The creation of a management system for articles is a necessity. Create a system to help manage articles more effectively, giving it a more organized way. Articles are always compiled with a lot of information, so citing where the sources come from also helps the article to have more credibility and quality. The article management system (AMS) helps to manage and categorize with many types of articles. The system has a special feature with the filter searching items, and it will give a reference automatically.   1. **Objectives:**   The objectives of the thesis project is to build a web application for article management system, organize the articles automatically. Within that, the system must have a search engine is built that allows users to search, handle articles. Furthermore, the system must have feature of generating the references of the articles. The thesis project is approached with web-based application.   1. **Methodology:**   To serve this project, with the division into different components. For the front end, it will be made up of HTML, CSS and the React framework. For the back end, will be using PHP, jQuery Ajax in some components. For the database, MySQL will be applied to create databases and store data, convenient for storing and extracting data in article management, and serving search engines by filters, as well as automatic reference generation.   1. **Expected results**   - Expected results should work as the functional and non-functional requirements as desired  - The UI are friendly.  - Complete demo program based on web application.  - Fully report document for the whole thesis project. | |
| **WORK PLAN** | |
| |  |  |  | | --- | --- | --- | | **No.** | **Date** | **Task** | | 1 | February 1st | Proposal request for thesis. | | 2 | February 7th | Review proposal and begin to document for report of system. | | 3 | February 15th | Report for “chapter 1: Introduction” and “chapter 2: Literature review”. | | 4 | March 20th | Report for “chapter 3: Methodology” includes: user requirement analysis, and system design. | | 5 | March 25th | Report for “chapter 4: Implement and results”. | | 6 | April 10th | Report for “chapter 5: Discussion and evaluation”. | | 7 | April 12th | Begin to program for the system. | | 8 | May 18th | Report for program of the system. | | 9 | May 20th | Update a program as review of advisor. | | 10 | May 30th | Demo a program. | | |
| **COMMITTEE APPROVAL**  **Student signature:**  **Advisor signature:**  **Approval Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. Committee Chair:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** | |