**THESIS/Pre-Thesis REGISTRATION**

Student Name: \_Lê Nhật Trường\_\_. ID: ITITIU18257. Date of request: \_31/08/2022\_

Advisor Name: \_Nguyễn Văn Sinh\_. Semester: \_1\_. Year: \_2022-2023\_

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| **TOPIC SUMMARY** | |
| **Topic** | **An online system for scientific paper submission** |
| **Field** | **Web Application Development** |
| **Specialty** | **Web-base Application** |
| **Keywords** | **scientific paper submission, scientific article submission** |
| **PROBLEM DESCRIPTIONS** | |
| 1. **Motivation**   Nowadays, the number of articles in scientific and technical journals in the world has continuously increased over the years. With huge quantities, it is very difficult to store and preserve items under the influence of the environment by traditional paper preservation methods in warehouses. Scientific articles stored in the warehouse can be destroyed by natural agents such as high humidity, and harmful insects, ... Therefore, an online system for scientific paper submission is one of the best options for storing and managing.   1. **Objectives**   Create an online system to store scientific papers. The system will have many functions for the user register/login, submission form, management database, security, and user interface.  Firstly, today, the login and the register of users are general functions of almost website on the internet. The register function, helps the user create an account to sign in to the system and shows them the policy of the web page that the user must follow.  Second, after login is successful, the user can submit their scientific paper by submission form. In the form of submission, the system requests the user input all information relating to the topic such as author, major, topic, workplace, and email, … In addition, this page also provides the function for the user to upload files from the computer to the web system with various file types like .pdf, .doc, .docx, .zip. Then, the scientific press the submission button, and the scientific paper file, and all relative information will be sent and stored in the online database.  Third, in the management part, the developer will provide some search functions to help the editors and reviewers can evaluate the scientific papers. The author also can manage all files uploaded, and check the state of article files are accepted or not. Furthermore, the system may have some functions so that users can delete their account with options such as: deleting the account and all related scientific articles, or just deleting the account and keeping scientific articles uploaded.  Finally, security is one of the most important problems when working on the internet. It helps to secure user information to avoid potential disasters such as revealing user account information and passwords.   1. **Methodology**   Building a web- system depends on the MVC model using Java Spring Boot and HTML. Then using the MySQL database to store the file uploaded by authors on the system and all information that relates to the scientific paper like the topic, author, keyword, major, feedback from an instructor, etc. Moreover, about the user interface, Bootstrap will be used to decorate the web page.  The system also supports a search function (FTS full-text-search algorithm) to help authors find a suitable topic easily.  For each topic, author can upload 1 file only like: .pdf, .doc, .docx, .zip, … (Using hibernate, thymeleaf, MVC, …)   1. **Expected results**   With the website:   * The author can easily upload the scientific paper in pdf format. * The system will be sent an email to validate the new user account. * The editor/reviewer can easily download files and evaluate scientific papers. * The editor can send the scientific paper for the reviewer to evaluate. * Website will display all the information relate to the scientific paper like the topic, author, keyword, major, feedback from the instructor, etc. * In the search function, authors can find out the topic with, search by author, topic, keyword, major, etc. * The user interfaces are friendly.   … | |
| **WORK PLAN** | |
| |  |  |  | | --- | --- | --- | | **Week** | **Date** | **Task** | | 1 | 5/9/2022-11/9/2022 | **Install Java Spring Boot, java web for eclipse** | | 2 | 12/9/2022-18/9/2022 | **Research about MVC model** | | 3 | 19/9/2022-25/9/2022 | **Research about MVC model** | | 4 | 26/9/2022-2/10/2022 | **Create entity relate to topic, and database in MySQL** | | 5 | 3/10/2022-9/10/2022 | **Create a data form in HTML** | | 6 | 10/10/2022-16/10/2022 | **Display some base information in the web page** | | 7 | 17/10/2022-23/10/2022 | **Display some base information in the web page** | | 8 | 24/10/2022-30/10/2022 | **Connect with the database MySQL, verify new author account with an email, and implement function for author** | | 9 | 31/10/2022-6/11/2022 | **Implement code to upload/save the file to the system** | | 10 | 7/11/2022-13/11/2022 | **Learning how to save file pdf in the MySQL, and implement function for editor** | | 11 | 14/11/2022-20/11/2022 | **Implement code to download the pdf file form the MySQL and the code to evaluate the manuscript** | | 12 | 21/11/2022-27/11/2022 | **Implement function for reviewer, and using Bootstrap for HTML** | | 13 | 28/11/2022-4/12/2022 | **Write thesis report** | | 14 | 5/12/2022-11/12/2022 | **Write thesis report** | | 15 | 12/12/2022-18/12/2022 | **Fix code if necessary** | | |
| **COMMITTEE APPROVAL**  **Student signature:**  **Advisor signature:**  **Approval Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. Committee Chair:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** | |