**Project Proposal**

**Document Handling Online System for Office Management using MVC pattern**

**Name:** NGUYEN THANH CONG

**Student ID:** GCS16023

1. **Overview**

In the age of Industry 4.0, most of the sectors in life are required to manipulate several advanced technologies in order to improve the stakeholders’ experiences and the productivity of their business. However, many offices from small to large enterprises keep applying traditional methods and tools in document handling. Specifically, all papers and documents in these offices are only executed by face-to-face between individuals in the office, which means that each document possessed by the enterprises needs to be approved directly by a number of people in different positions. Sometimes, the manager of a department who will approve the document is absent from his/her office, so the one who keeps the document cannot meet his manager to finish the document execution process at the time. This leads to the fact that the duration for document approval confirmation has to be prolonged. As the consequence, this issue slows down the operation of the enterprises.

The Document Handling Online System (DHOS) is a web-based application built to allow every employee and manager to access online documents and papers that they relate to. Each individual is able to view, send, receive, edit, sign, etc. The system makes all tasks in the document handling process be executed online via the Internet. Consequently, the DHOS not only efficiently supports for the operation of enterprises, but also reduces the duration of the execution process significantly. Additionally, the system manipulates Model – View – Controller pattern, which is commonly used in many large projects.

1. **Aim**

The DHOS aids to improve the document handling process, which save time and resources for enterprises. Moreover, the system makes the data storage more convenient and easier.

1. **Objectives**
2. *Knowledge of Web programming*

3.1.1 Find out definition, types and basic programming concepts of web.

3.1.2 Study the structure and characteristics of modern website.

3.1.3 Evaluate some modern websites.

3.1.4 Learn various technologies commonly used in web programming.

1. *Investigation of Microsoft .NET*

3.2.1 Discuss the principles, characteristics and features of programming using a .NET framework.

3.2.2 Evaluate different types of .NET framework architectures.

3.2.3 Learn carefully about Common Language Runtime (CLR), Framework Class Library (FCL), Common Type System (CTS) and Common Language Specification (CLS).

3.2.4 Study server scripts of ASP.NET.

1. *Analyze the requirements of the Document Handling Online System*

3.3.1 Gather the users’ requirements such as interview, observation, documentation, etc.

3.3.2 Research the common and similar web application.

1. *Define scope for the DHOS*

3.4.1 Create Use Case and Class Diagram based on researched and analyzed data.

3.2.2 Identify and prioritize the critical functionalities.

1. *Implementation of the project*

3.5.1 Build scripts and content for the website.

3.5.2 Design functions in web.

3.5.3 Design web interface.

3.5.4 Implement websites.

3.5.5 Test and fix bugs.

1. **Legal, Social, Ethical and Professional**
2. **Legal**

* .NET and Visual Studio is provided free of charge by Microsoft.
* Other materials which are used in my project will come from free sources or legal copies.
* This project is belong to me and University of Greenwich.

1. **Social**

* My website which is used for example will not relate to social evils.

1. **Ethical**

* This project is my own effort.
* Don’t have plagiarism in the project.

1. **Professional:**

* Not disclose or authorize to be disclosed, or use for personal gain or to benefit a third party, confidential information except with the permission of University of Greenwich, or as required by Legislation.
* Respect and value alternative other perspectives, seek and accept honest criticisms about my work.
* Avoid any situation that may rise to a conflict of interest between me and relevant authority.

1. **Planning**

(See appendix A)

**Appendix A - Schedule of Work**

