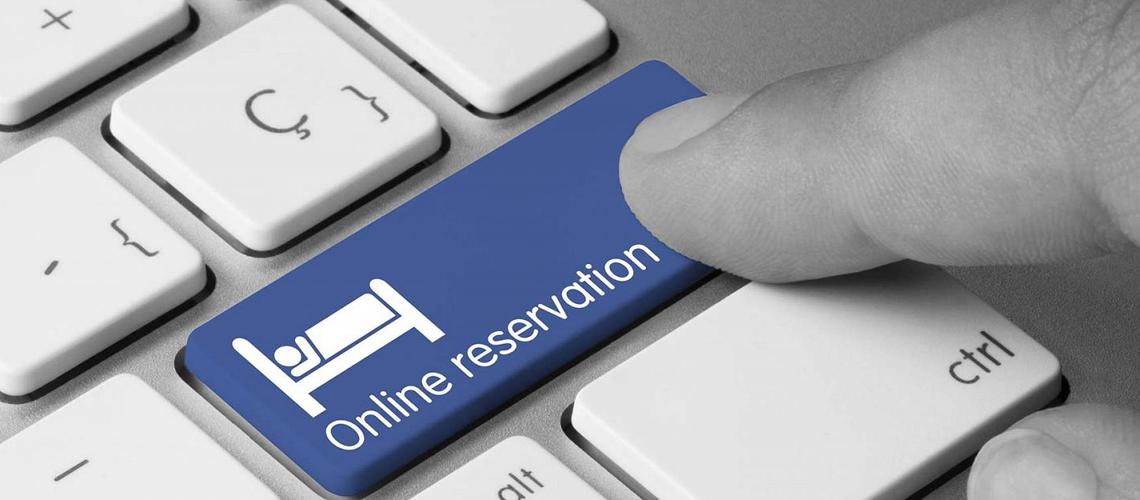
# PROJECT PLAN

**GREEN ICT APPLICATION**



*ADNA STUDIO*

Table of Contents

[PROJECT PLAN 1](#_Toc497396625)

[1. Introduction 3](#_Toc497396626)

[2. Project goals and limitations 3](#_Toc497396627)

[3. Project organization 3](#_Toc497396628)

[4. Project coordination 3](#_Toc497396629)

[5. Tools 4](#_Toc497396630)

[6. Phases and schedule 4](#_Toc497396631)

[7. Risks 4](#_Toc497396632)

[8. Reporting 5](#_Toc497396633)

# Introduction

In this project, we will design and implement an application that can be used in LAMK, allowing its users to seek for, making reservation or modifying free appointment time and location for the wished services. This application facilitates students, teachers and service people of LAMK to provide and experience various services with the easiest approach.

# Project goals and limitations

* **Main goal**: The goal of the project is designing and implementing a software to be used in LUAS for service reservation
* **Outcome of the project**:
* An application with all required functions and features.
* Graphical user interface design.
* Design documents for whole system.
* **Limitations**:
* Lack of coding skill to accomplish the complete application.

# Project organization

* Project manager: Nguyen Tran
* Project secretary: Anh Le
* Contents planner: Anh Le
* Graphical user interface designer: Duc Pham
* API coder: An Pham, Nguyen Tran
* Database designer: Nguyen Tran, An Pham
* Tester: Duc Pham

# Project coordination

* Project tasks are divided equally among 4 members based on their personal preferences and strength.
* All idea are shared in the beginning and during meetings. Project progress is imitated in the Excel sheet which involves all tasks and sub-tasks with implementers, deadlines and status.
* Project manager organizes weekly meeting and monitors the schedules, progress and problems. All the information is discussed through a group chat via Facebook and individual tasks are uploaded on GitHub, OneDrive, Word Online or Excel Online. The responsible team member should share his/her task with the whole group when finished, so that every other member of group can see, review and comment the tasks. Communication and teamwork is key point of the project. The project manager will check all of the shared tasks.

# Tools

Methods and tools are needed to be able to achieve project goals:

* Draw.io
* Visual Studio 2017
* Text Editor (Microsoft Word, Excel)
* GitHub
* OneDrive
* C#
* MySQL
* Window Form

# Phases and schedule

* Phase 1: Writing project plan and dividing suitable work for team members.
* Phase 2: Researching and reading materials, draw a brief idea.
* Phase 3: Executing the project (applying 3 – tier architecture):
* Designing the database.
* Coding API methods.
* Designing application layouts/ user interface.
* Phase 4: Linking the application to graphical interface design.
* Phase 4: Testing the application
* Phase 5: Writing documents (User manual, Project report).

(Schedule in Excel file)

# Risks

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Risk | Probability\* | Consequence | Reason | Action plan |
| The project is not done on time | M | The progress will be delayed | Unexpected illness or interruption  ( other course’s deadline) | Plan the schedule carefully and take other tasks in consider before making it |
| Individual tasks are done inappropriate | S | Effect on the quality of final result | Lack of research /  Doing assignment in rush | Discussion when difficulties occur and communicate frequently |
| Error in coding | L | Application does  not work | The code does not cover all the possibilities of input | Testing with various circumstances |

\* S = small, M = moderate, L = large/extensive

# Reporting

* The project status is reported to the project manager every 2-3 days by the group members; due to the deadlines that have been assigned, it should be monitored quite regularly. The meetings happen on request (when necessary).
* We will have daily discussion via Facebook Messenger and spend about 4 hours per week for face to face meeting (The fixed time and date is decided base on specific circumstances).
* We have a shared source of all tasks on OneDrive that all the members can access and give opinions to improve the final result and a project manager can easily when doing observation.