

Final Project

This guideline help you to develop a clear sense of direction early on in the TP2 project, and to support you in organising, planning, and monitoring your final project.

Guideline

1. Developing and executing simple project

You are requested to generate a simple project to be presented at the end of this semester. (**Week 15-Week 16-30 June 2021, Wednesday**)

Developing and executing the project based on topics you have learned in class.

Topics:

- 1. String and String Manipulation**
- 2. Advanced File Operations (advantages)**
- 3. Pointers**
- 4. Introduction to Class and Object**
- 5. Constructor and Destructors**
- 6. Class and Object Manipulation**
- 7. Aggregation and Composition**
- 8. Inheritance**

(* not compulsory to include all topics..Can choose 3 @ 4 topics for your project)

2. Reporting the project

2 Parts : (i) Design

Due Date: 24 June 2021(Thursday)

(ii) Implementation

Due Date: 29 June 2021(Tuesday)

(i) Design

Due Date: 24 June 2021(Thursday)

Write-up what you did in Word Document with the following specifications:

Section A: Project Description

Section B: Screen Design

Section C: Class Diagram

* Refer to *Part 1_Program Design. doc* at elarning@utm.my

(ii) Implementation

Due Date: 29 June 2021(Tuesday)

Write-up what you did in Word Document with the following specifications:

Section A: Introduction

Section B: Coding Description + Screen Result

Section C: Conclusion

* Refer to *Part 2_Implementation. doc* at elarning@utm.my

Example Projects: Billing System, Student Attendance System, and etc..