**SOFTWARE ENGINEERING PROJECT REFLECTIVE DOCUMENT**

**2020/2021 ACADEMIC YEAR**

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**NAMES:**

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**WORKING GROUP:** 5 **TEAM No.:** 1

**Date:** 23/04/2021

**Deliverable / Milestone:** Assignment 2: SEPRO-Project\_Plan

**Submission date:** 23/04/2021

**Practical assignment content and procedure:**

**- Practical assignment procedure:**

The objective of this practice was to make planning activities for the project started in the Practical Assignment 1. For this, we had to make it through 3 different parts:

* Definition of software requirements, identification of subsystems and specific functional and non-functional features.
* Initial estimation of the size of the system by subsystems using function point and the estimation of effort and time to develop each subsystem and the entire system.
* Elaboration of the project plan using Gantt chart techniques.

**- Strengths of the practical assignment procedure:**

We were really efficient when distributing the work between the team as the practical assignment is really well structured and had a division in 3 parts. Additionally, we made some revisions to a finished work before performing a new task with that work. This helped us to identify errors before dragging these errors through the whole assignment.

**- Possible improvements of the practical assignment procedure:**

For a future practical assignment we would like to implement deadlines imposed by ourselves for certain parts of the work so we would not have any problem waiting for anyone’s work.

**Identified problems:**

Hard time identifying how to do things at first.

Wasting time as we had to re-do some parts that we did wrong.

**Learning / Acquired knowledge:**

Identifying properly functional requirements.

Create Gantt charts.

Use of function point(FP) to calculate effort

Use of adjusted points to calculate how many days are dedicated for each increment.

Use of not adjusted points to calculate effort per person-day.

**Reflections on future practical assignments:**

We will put our own reasonable deadlines for different parts of the practical assignment so we can plan in advance the whole assignment. This will make us organize better with other pending assignments of any other subject.

**Observations:**

This was a really nice practice as it teaches us how much time is invested in a real project and what is more important, it teaches us how much it is going to cost a project so that we can know if it is a viable project.

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