

## Project Proposal [10% of project mark]

Write a proposal for a project that aims to design a software solution for a **real-life problem**.

The proposal must contain the following information:

**1- Project Title**

**2- Project description:** just a brief description about the project problem and aims of the project. The proposal document must also describe the system and the silent features of the system in terms of functionality. The document must also clearly describe the boundaries of the project and constraints

**3- List of team members**, and indicate who is the project manager.

**4- List the initial identified customer requirements and partition them. (just write simple English statements)**

**5- List the initial identified subsystems names and functions, (just write simple English statements), then draw the traceability matrix between the requirements and identified subsystems.**

**6- List the initial interfaces for the identified subsystems. Hint you can display your finding as in the following table format**

Subsystem Name	Subsystem Function	Subsystem Interface

**7- Sketch the initial expected user graphical interface (GUI) using any tool like wireframe or draw.io**

**8- Sketch the initial user manual for your project, showing how users are expected to use the system.**



**Submission Instructions:**

- 1- All descriptions are just in simple English, just GUI use a drawing tool for it
- 2- Every team member must submit the project proposal as a pdf on Ms Teams.
- 3- Any submission not according to instructions will be rejected.
- 4- No Late submission is accepted.
- 5- At this stage, no need for details, just keep things in abstracted high-level manner. Focus on describing what is needed, rather than how it works.

**You can form teams up to 5 members, do not work alone, there is too much work required and it will be too heavy for one person.**