

16/03/2022

The Design Document

Submission due date: April 15th 2022 :(first iteration)

The design document should follow the format bellow:

1. Title, Authors, Date, **Document Revision History:** It should include document revision history, including a rationale for the creation of a new version and a summary of the changes made in each version.
2. E.g. Rev1.0 March 21 ,2022 – initial version
Rev 1.1 March 29,2022 – added an additional requirement TODO explain the requirement

Rev 1.2 April 15, 2022 – removed xxx requirement...
3. Objectives: An overview of the system, so that the reader can understand the rest of the document.
4. System Decomposition/Design
 - a) Optional part: Decomposition of the systems into modules (if any). Specification of the modules.
 - b) Specification of objects to be used in system. For each object, its methods and visible methods.Relations between objects: generalization and association diagrams (**class diagram**).
5. Use case diagram (draw actors and in oval shape all the actions/features that can be performed by each actor). You have already included the use cases, and use case scenarios in your Requirement document.
6. Dynamic Models: Sequence Diagrams.
7. User Interface: The entire user interface that you **plan to** implement, i.e. pictures of every form with every control with short description for each. Later on of course, you can make changes if needed, but at this moment, you need to have an idea of how the UI will look like.
8. Provide a link to your Trello Boards so that I can track your team's progress.

Contribution Table

The document should include in detail the organization of each group, brief task description designated to each group member, completed/uncompleted tasks. You may also include info on the meetings held (date and duration), absence/presence of each team member, issues related to the project, etc. **(Please see the Project Contribution Table to be handed in below. I will not mark the work without the Project Contribution Table, if possible signed by each team member.)** Note that the contribution table should be added as part of this document, and not a separate document.

Each team member must be involved in all stages of software engineering process (requirements document, design, implementation and testing) **Take care to divide the work fairly and have equal task distribution among the team members, both in documentation and coding).**

Project contribution table

Project Name:

Team members:

MILESTONE (Circle one of the following): Software Requirements Document/ Software Design Document/Coding/Presentation preparation

Date:

Team member name	Task assigned (a short description which should not be ambiguous!)	Status of the tasks (either completed/uncompleted. If uncompleted by the designated team member, write the member or the team who completed the task instead.)

NOTE: the document should include in detail the organization of each group, brief task description designated to each group member with a deadline, completed/uncompleted tasks, meetings held (date and duration), absence/presence of each team member, issues related to the project, etc. **(Please see the ProgressReportTable to be handed in uploaded on TEAMS. I will not mark the work without the ProgressReportTable that includes the amount of work did by each team member.)**