

Assignment # 1 – CLO1, CLO4

30 Marks

Instructions:

1. Make a group of 3 students - maximum.
2. Identify a project with following features/non-functional requirements kept upfront:
 - a. Re-usability (object-oriented approach)
 - b. Maintainability (can be maintained by the customer with minimal support of the development team)
 - c. Reliability (Clearly defined operational availability of system)
 - d. Security (Clearly defined user access and storage encryption features)
3. The project should incorporate.
 - a. Documentation (Scope of this Assignment)
 - b. Project management (Jira/Trello) (Not the Scope of this Assignment)
 - c. Repository of Final design (GitHub) (Not the scope of this Assignment)

Tasks:

Part (a) – CLO1

[20 Marks]

1. Prepare a detailed requirement specifications document of the project. (the document will be verified for the similarity index)
2. Include functional requirements
3. Include nonfunctional requirements. The nonfunctional requirements must justify the features stated above in the instructions.

Part (b) – CLO4

[10 Marks]

1. Upload the SRS document in Notion and place a copy in GitHub repository.
2. Add instructor and TA in your Notion/GitHub repository.

Document will be downloaded and marked from the Notion/GitHub for evaluation.

Deadline for the submission is Sunday 25th February 2024, 11:00 PM.

The invites for Notion and GitHub repository to TA (bsee18068@itu.edu.pk) and Instructor (usman.younis@itu.edu.pk) must be received by Tuesday 20th February 2024, 11:00 PM. Also send an email stating your project name, group members (names and registration numbers), and repository name.