

Mid Assignment

Software Requirement Engineering

I. Assignment

1. Problem Statement

The existing manual Blood bank customer care system is unable to cope with the high volume of telephone calls. An online based computerized system for client queries and auto reply system needs to be developed.

2. Task

It's a group-wise task. Perform the following task based on your proposed solution for the above mentioned topic.

- a. Find out current common problems of the mentioned topic.
- b. State the Requirements: Business Requirement, User Requirement, Functional Requirement, System Requirement
- c. Explain Requirement Development
- d. State product vision and project scope
- e. Explain the uses cases using context diagram
- f. Explain software requirement specification
- g. Mention constraints (if any)
- h. Explain Validation and verification process after prototype built

II. Documentation

1. Prepare the report in docx (up-to 6-8pages) with cover page.
2. Prepare PowerPoint slide presentation (Max 10 min presentation time).
3. Follow the Report Format: Times new Roman, font size 12, line spacing 1.5, paragraph justify, API/IEEE reference/citation.
4. Report plagiarism will strictly check so don't copy from others.

III. Deliverables

1. Presentation (groupwise): 19 June
2. Report Submission Deadline: 30 June. Report should be submit by Hardcopy with official AIUB assignment cover-page.