

Software Engineering, CSE 12140418

Assignment 2: SRS (Full Version)

Mark: 10%

Due to June 03, 2025

Objective: The objective of this assignment is to familiarize students with the process of writing the Software Requirements Specification (SRS) document, which serves as a foundation for software development projects.

Tasks: You, as the software engineering team (i.e., the group of students who have already submitted SRS: Part 1), are working on a software development project within the specific domain that was determined in Part 1.

Instructions:

1. **Project Domain:** Use the pre-chosen domain for your software project from Part 1.
2. **Identify Project Stakeholders:** Identify and define the stakeholders involved in the project precisely. These could include end-users, administrators, developers, testers, etc. Provide brief descriptions of their roles and responsibilities.
3. **Gather Requirements:** We assume you have already conducted interviews or made visits to your customer/client to gather requirements for the software project. Prioritize these requirements based on their importance to stakeholders on the client side.
4. **Create SRS Document:** Based on the gathered requirements, create a Software Requirements Specification (SRS) document following the format provided in the example published on our course pageⁱ, the IEEE standard format, or any other format. For this part (i.e., Part 2), the SRS should be the full version, including all necessary sections and detailing both the functional and non-functional requirements of the software.
5. **Submission:** All students (don't forget to write your course section number) must submit the same document in PDF format. We also encourage you to put your work on a Git repository.

To summarize, as per the requirements of this assignment, you need to deliver your full version of SRS document.

Important:

- Don't forget the cover page and the table of contents (TOC).
- **The same rules apply as before; thus, the students group should belong to the same instructor.** (Example: Dr. Nael's students cannot join teams with Dr. Osama's students.)

Good Luck

ⁱ <https://krazytech.com/projects/sample-software-requirements-specificationsrs-report-airline-database>