

Objectives: I) Improve the Submitted Final SRS.

Submission: Each student team needs to upload **single.pdf** files, which will contain the following things for the specific case study assigned to your team.

1) SRS

Note: A compulsory submission of things done during the 3 hrs of Lab is required. Later you can upload a newer version of the required documents until the project work is being done.

In Lab5 you are expected to work on the feedback given to you via email for the SRS. Understand that the upcoming (Lab 6, 7, 8, 9) project assignment labs will be based on the SRS. You can do better in your Lab 6, 7, 8, and 9 provided your written SRS is very good.

At the end of the Lab today, you must submit the final version of SRS.

I. The final SRS document should have below-given details in it. Additional details have been highlighted in RED. Make sure that the Final SRS document has all points/sections as per the below-given sequence & numbering.

[A]. Understand & Complete the Description of the Case Study/Problem Domain given to you (4-6 pages)

1) Search online, Do the thinking and expand the problem domain for the short project description is given to you. **Here, you need to explain REAL-WORLD working/flow & issues with the existing flow where there might be NO system in use.**

- Purpose*
- Intended Audience and Reading Suggestions*
- Product Scope*
- *Refer – IEEE Templet for more details.
- Description

a. Write Short 3-5 lines of paragraphs for each workflow/task. (i.e., testing patient for CORONA)

[B]. Document the Requirements Collection/ Fact-Finding Phase(10-20 pages)

Document the input and the output for the following requirements collection techniques:

1) Background Reading/s

- Description of each reading done- **Here, you need to study existing systems, if any. And describe their working, flow, features, and flaws. Each reference needs to be written in a bulleted format.**
 - a. It can be anything from a Book, Website, News, Videos, **Existing Apps/Website/Systems...**
- References
 - a. List all the references in the proper format.
- List the combined Requirements gathered from Background Reading/s.

2) Interview/s –

- Find the Templet in Resources of Lab4.
- Do the role-playing amount your team member, family, or friends.
- **Each interview will have it's own Plan & Summary. Make sure there is at least one interview per different user classes in your system.**
- List the combined Requirements at the end of this section gathered from all Interview/s.

3) Questionnaire/s –

- Find the Templet in Resources of Lab4.
- Create a Google Form. **Put the Q & A form screenshot.**
- Summary
 - a. Put Graphs & Short Answers received from Google forms.
- List the combined Requirements gathered from Response/s.

4) Observation/s –

- Refer to Observation Summary Templet in Resources of Lab4.
- List the combined Requirements gathered from Observation/s.

[C]. Create Fact-Finding Chart

- 1) Refer to Fact-Finding Chart Templet in Resources of Lab4.

[D]. List Requirements

- 1) **Combine all the Requirements gathered in [B]. Remove duplicate requirements by keeping the frequency(occurrences of specific requirements) to prioritize them.**

[E]. User Classes and Characteristics*

- 1) List User Names with a basic description of user role in the system/database

[F]. Operating Environment*

- 1) Hardware, Software or Connectivity Requirements
- 2) External Interface Requirements*
 - Hardware/Software/Third-party APIs & other things taken from other external sources.

[G]. Product Functions*

- 1) **Explain the flow of every function(bulleted format) in your system, which is created to complete a specific task/requirement.**

[H]. Privileges

- 1) List Functions & Users who can access those modules.

[I]. Assumptions

[J]. Business Constraints

Submission File naming

Final SRS must be submitted during Lab between 11:30AM-12:30PM:

TeamNo_Final_SRS_3-Oct-2020.pdf

****example => “S2_T3_Final_SRS_3-Oct-2020.pdf” for Team 3 of section 2 –
Make sure File Name is Accurate with proper date.**

*Refer – IEEE Templet for more details.

Note: You need to submit only a single Final_SRS file for this Lab.