

| | |
|--|-------------------------|
| Lab - 4 | DB_Project_Assignment_1 |
| IT214 Database Management System, Autumn'2020; Instructor: minal_bhise@daiict, TA: mayank@daiict | |

Objectives: I) Understand & Complete the Description of the Case Study/Problem Domain.

Submission: Each student team needs to upload a **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 Later you can upload a newer version of the required documents until the project work is being done.

I. Create a single SRS document, which should have below given details in it.

[A]. Understand & Complete the Description of the Case Study/Problem Domain given to you (2-5 pages)

- 1) Search online, Do the thinking and expand the problem domain for the short project description is given to you.
 - Purpose*
 - Intended Audience and Reading Suggestions*
 - Product Scope*
 - *Refer – IEEE Templet for more details.
 - Description

[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-
 - a. It can be anything from a Book, Website, News, Videos...
 - References
 - a. List all the references in 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 amongst your team member, family or Friends.
 - List the combined Requirements gathered from all Interview/s.
- 3) Questionnaire/s –
 - Find the Templet in Resources of Lab4.
 - Create a Google form.
 - 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 Requirement gathered in [B]. Remove duplicate requirements by keeping the frequency(occurrences of specific requiremnt), so you can prioritize them.

[E]. User Classes and Characteristics*

- 1) List User Names with 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*

[H]. Privileges

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

[I]. Assumptions

[J]. Business Constraints

Submit, 1) Version 1-V1 of SRS within 3 hrs of Lab.

2) Final SRS Version 2-V2 document having all the above-mentioned things in a single pdf file, which needs to be submitted before 1-Oct-2020, 10 PM.

Submission File naming

SRS Files V1 must be submitted during Lab hours between 11:30AM-12:30PM:

TeamNo_SRS_V_1_26-Sep-2020.pdf

SRS Files V2 must be submitted anytime before 1st Oct 2020, 10PM:

TeamNo_SRS_V_2_1-Oct-2020.pdf

****TeamNo example => “S1_1” for Team 1 of section 1**

*Refer – IEEE Templet for more details.

Note: Keep all the versions. The V1 of SRS needs to be submitted during lab. Don't overwrite V1 document. You may rename the new version file as V2 to accommodate changes. The final Version V2 needs to be submitted before 1st Oct 2020.