**Week-2 Overview SRS Document**

1. Explanation of IEEE SRS document contents.
2. Formation of teams with group of 4-6 students and allocation of projects to each team from the list in the lab syllabus.
3. Giving SRS document as assignment to the students for their respective allocated project.
4. Upload SRS document

**Step 1:- Explanation of IEEE SRS document contents**

**Purpose of the SRS Document**

The SRS document serves several key purposes:

- Communication:

- Foundation for Design and Development:

- Contractual Basis:

**Overview of the typical contents of an IEEE SRS document:**

1. Introduction

- Purpose:

- Scope:

- Definitions, Acronyms, and Abbreviations:

- References:

- Overview:

2. Overall Description

- Product Perspective:.

- Product Functions:

- User Characteristics:

- Constraints:

3. Specific Requirements

- Functional Requirements:

- External Interface Requirements:

- System Features:

- Non-Functional Requirements:

- Performance Requirements:

4. Supporting Information

- Appendices:

- Index:

5. Approval

-Sign-off: A section for signatures from stakeholders to formally approve the requirements as documented.

The IEEE SRS template ensures that all necessary details are captured in a standardized way, reducing ambiguity and improving the overall quality of the software development process.

**Step 2 :- Formation of teams with group of 4-5 students**

Allocation of projects to each team from the list in the lab syllabus.

Conclusion:

By the end of this session, students will have a clear understanding of the SRS document and will work on the provided case study.