SRS- Software Requirement Specification

Explanation of SRS in Urdu / Hindi

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Contents of the Lecture

- What is SRS

- Contents of SRS

- A go through from a real Demo SRS of a project

What is SRS?

Def.: A documents use to describe the behavior of the software System, Functional, Non-Functional requirements of the software system.

Users of the SRS:

- Development Team
- Maintenance Team
- Clients
- Technical writers

Contents of the SRS

1. **Category:** What kind of your software is
    e.g.: Desktop application, Web application, Android app

2. **Purpose:** Describe what is the purpose of making this system (as nothing is without any reason)

3. **Scope:** What is the area it covering, what is its range, to what limits it will help you.

4. **Introduction:** Define the existing system and Proposed system. *(In the perspective how the proposed one is better than existing.)*

Contents of the SRS contd.

5. **Advantages:** Define the advantages of the system. *(In every perspective).*

6. **Functional Requirements of the System**

7. **Non-Functional Requirements of the System**

Q: What *are functional and Non-Function requirements* ?

Answer: The whole topic is covered already in separate lecture it is highly recommended to watch that video if you are going to make SRS
Link to Video
https://youtu.be/02AouF6wXz4

Contents of the SRS contd.

8. **Software Tools:** Mention the software tools which will involve in all this development process.

9. **Deployment:** What kind of Environment will be needed to deploy the Software.
   - E.g. OS, RAM, Processor and etc.

10. **Hardware Specifications:** The hardware required to develop this system.

11. **Gantt Chart:** Chart use to show the schedule of project. (optional)
    - How to make Gantt chart (https://youtu.be/k8y6Uotw8go)

A demo SRS of a project
"Virtual Class Room System"

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