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**Software Requirement Specification (SRS)**

***Summary of the video :-***

The purpose of SRS is the contract between us and the client. This document is going give the detailed requirement and functionality about the system we are proposing.

In the video it was mentioned that whenever we are writing SRS then we should write it passively .like instead of using terms like I will or we will, we will write the System will.

On writing SRS we need to take care of one thing that we will assume that this document is being created for non technical audience. So we will not use technical terms without explanation of those technical terms.

On the first page we will give project name, version number (who is preparing the this document ) and date. Then in the second page we will mention the index.

* **Introduction :** - The first part is Introduction. It will contains brief summary and description of the product to be developed.
* **Purpose and Intended Audience** :- This section deals with the purpose of document like For whom is the document being prepared forand why.
* **Project Scope** :- This section will deal with the limitations of the system. Means what the actual output user will get.
* **Terms, Definitions, Acronyms** :- We will mention all the technical terms here so that it could be properly understand by the Non technical peoples.
* **References :-** This Section list from where we got all the information about the System and it’s features. About All the discussions we did and what insight we are taking from the discussions. This all need to be mentioned here.

**2. Overall Description**

* **Product Perspective :-** In this generally there are one or two paragraphs about the hight level marketing about the product. We will describe about how wonderful is our product.
* **Product Features :-** This is also high level marketing.
* **User Classes and Characteristics :-** Who is using the system ?. Basically this section describes thecomputer experience and knowledge of user.
* **Operating Environment :-** This will describe that whether the System will going use Outdoor, indoor, Multiple users, Single user.

**3. System Features : -** We will describe the system functionality of the system from clients perspective.

We will describe about the System Functionality which it will provide to user.

The features after executing.

**4. Non functional Requirements :-** Here we will address the Functionality, Usability, Reliability, Performance, Supportability and plus.