**PARUL UNIVERSITY**

**Parul Institute of Computer Application**

**Basic Software Engineering – 05101253/05301253**

**Semester - 3**

**Case Study Example: Surrounding Security System (SSS)**

**Practical 2:** To develop SRS

**SRS:** It stands for the Software Requirements Specification. It is a description of a Software system to be developed. SRS contains following requirements.

1. Functional Requirements
2. Non-Functional Requirements
3. **Funtional Requirements**

* User Verfication
* User verification is the first task of the System
* Then it allow to complain
* Crime Verification
* At the time of crime of verification user should have to verfy the type of Crime.
* According to that system will decide the priority of the crime.

1. **Non-Funtional Requirements:**

* **Security:** System will provide the security by keeping their privacy.
* **Backup:** System will also back up the media and SS of Mail that is sended to the Government.
* **Performance:** Medium
* **System must be easy to use.**

**Other Requirements:**

**Minimum Harware Requirements:**

* **Ram:** 2GB or more
* **Hard Disk/SSD:** 50GB
* **Processor:** intel i3 or more
* **Monitor**
* **KeyBoard:**
* **Mouse:**

**Minimum Software Requirements**

* **OS:** Windows 8 or above or any Liniux OS
* **Front End:** Python(IDLE or any Python IDE)
* **Back End:** MySQL or MongoDB or RootmySql
* **Server:** online