

**Department Of Networking and Communications**

**SRM IST, Kattankulathur – 603 203**

**Course Code: 18CSC206J**

**Course Name: Software Engineering and Project Management**

|  |  |
| --- | --- |
| **Experiment No** | 3 |
| **Title of Experiment** | System, Functional and Non-Functional Requirements of the Project |
| **Name of the candidate** | SOORAJ TOMAR |
| **Team Members** | HARSHIT SHARMA(RA2011030010206), PIYUSH BISHT(RA2011030010226) |
| **Register Number** | RA2011030010224 |
| **Date of Experiment** | 30/3/22 |

**Mark Split Up**

|  |  |  |  |
| --- | --- | --- | --- |
| **S.No** | **Description** | **Maximum Mark** | **Mark Obtained** |
| 1 | Exercise | 5 |  |
| 2 | Viva | 5 |  |
| **Total** | | **10** |  |

**Staff Signature with date**

**Aim**

To identify the system, functional and non-functional requirements for the project.

**Team Members:**

|  |  |  |  |
| --- | --- | --- | --- |
| **S No** | **Register No** | **Name** | **Role** |
| **1** | **RA2011030010224** | **SOORAJ TOMAR** | **Rep/Member** |
| **2** | **RA2011030010206** | **HARSHIT SHARMA** | **Member** |
| **3** | **RA2011030010226** | **PIYUSH BISHT** | **Member** |

**Project Title: STUDENT ATTENDANCE MANAGEMENT SYSTEM**

**System Requirements**

* The Software will run on computers equipped with a **Pentium 4 processor or higher**, which encompasses most machines manufactured since 2001.
* The computer must have approximately **100MB of free hard drive space and 128MB of RAM**.
* The oldest version of Windows supported is Windows XP with Service Pack 2 installed.
* There should be **internet connectivity 3G/4G/5G**.

**Functional Requirements**

* Verification of User with the database
* Selection of Options- Check Attendance, Detained Subjects etc.
* Attendance Details Display
* Detained Subjects Display
* Updation of Attendance Details

**Non-Functional Requirements**

* Dark/Light mode of Website/App/Software
* It shall display the details required within 4 seconds
* It shall send an E-mail to the detained students for the respective subject’s attendance once a month
* Users shall be able to update profile

Result

Thus, the requirements were identified and accordingly described.