

**Department of Networking and Communications**

**SRM IST, Kattankulathur – 603 203**

**Course Code: 18CSC206J**

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

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| **Experiment No** | 1 |
| **Title of Experiment** | To identify the Software Project, Create Business Case, Arrive at a Problem Statement |
| **Name of the candidate** | SOORAJ TOMAR |
| **Team Members** | HARSHIT SHARMA(RA2011030010206), PIYUSH BISHT(RA2011030010226) |
| **Register Number** | RA2011030010224 |
| **Date of Experiment** | 17/3/2022 |

**Mark Split Up**

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

**Staff Signature with date**

**Aim**

To Frame a project team, analyze and identify a Software project. To create a business case and Arrive at a Problem Statement for the Student Attendance Management System.

**Team Members:**

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

**Project Title: Student Attendance Management System**

**Project Description**

Attendance Management System is a software developed for daily student attendance in schools, colleges and institutes. If facilitates to access the attendance information of a particular student in a particular class. The information is sorted by the operators, which will be provided by the teacher (or from the database) for a particular class.

**Business Case**

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| **THE PROJECT**   * This project aims to provide the attendance of the students at the tip of their hands. * The students shall be able to see crucial details about their subjects. * The students shall be able to see crucial details about their academic details. |
| **THE HISTORY**   * Currently, the attendance management systems are good, but could be better. * The loading takes time. * The details can be ambiguous. * The details can be confusing, can be mixed up. * The sites are not flexible to editing. |
| **LIMITATIONS**   * The lack of absolute coding knowledge, web development and application development can be an issue. * The lack of proper equipment. * The lack of an actual standing database. * The lack of servers. |
| **APPROACH**   * The presence of some coding knowledge is needed. * The understanding of student issues as well as server/database issues. * The understanding of the flow of control of the data being input and the requests being made by the user while keeping the speed and efficiency intact. * The use of some proper computing equipment. * The flexibility of the software shall be kept in mind. |
| **BENEFITS**   * The software will help students to get over the issues that the current generation attendance management applications and software’s have. * The project’s performance shall give us a knowledge boost and enhance our understanding of Software Engineering as well as Project Management. * The project’s performance shall give us a confidence boost and motivate us to continue making complex but useful and user-friendly software. |

**Result**

Thus, the project team formed, the project is described, the business case was prepared and the problem statement was arrived.