



Software Development Project-II and Industrial Tour

Course Code: CSE3116

URL of project's website: [CE18058_CSE3116 SOFTWARE DEVELOPMENT PROJECT 2 - Google Drive](#)

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Project Title: Android application for student management.

Description:

This project is developed using Java language. At first, the user has to install the app to get access. This system helps to display the student information easily as it is not time-consuming then the user can add student marks, modify, delete as well as view the records. Save student's information, and it displays the marks individually after entering student Roll number. This project is easy to operate, user-friendly, and understood by the users.

Software Requirements:

- *Android Studio*
- *Sq lite Server Management Studio*
- *Designing XML*

Hardware Requirements:

- Processor – i5
- Hard Disk – 1TB
- Memory – 4GB RAM
- Android Device- 6 up to 12

Plan of work and product ownership:

Generally, it manages the records of a student regarding their examination mark. There is a lot of information need to collect and the record are also stored in separate files. It creates some confusion sometimes. To solve these problems I design The Student Management System application. Here all the records will be stored in one application. So, the user can easily handle it. It will make the whole system much easier, advance, and more convenient.

Functionality:


- **Add Student Information:** When adding a new roll number, student name, and marks, all three records will store & display a successful popup.
- **Delete Record:** Here user can delete a record that is no more. Users can easily search them by their roll number and delete them.

- **Modify Record:** Here user can modify a record if some changes needed
- **View Marks:** Here user can show the specific student marks and details.
- **View All Student Records:** Here all the information of students will record who enrolled in this educational institution. Users can search for them by their Roll number.

Contributions:

- requirements specification by A M Mahmudul Alam
- software design by A M Mahmudul Alam
- coding by A M Mahmudul Alam
- debugging and testing by A M Mahmudul Alam
- report preparation by A M Mahmudul Alam

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