

# Student Management System Report

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Roll No. 0801CS221093

## Introduction

The Student Management System presented in this report is a software application created by Mustafa Kasubhai Wala. This system is designed to manage student records efficiently. It provides functionality to add new students, display student details, search for students, delete student registrations, modify student details, and manage student grades.

## Functionality Overview

The Student Management System offers the following features:

1. **Add Student:** Allows users to add new student details including enrollment number, name, gender, branch, phone number, address, city, age, email ID, and fees

```
1. Add Student
2. Display Student Details
3. Search Student
4. Delete Student Registration
5. Modify Student Details
6. Add Grades
7. Display Grades
8. Exit
Enter your number 2
Details of students are as follows:
Enrollment No:0801cs221093
Year of admission: 2015
Name: mustafa kasubhai
Gender: male Branch: cse
Address :sgsits
city: indore Age of the student: 15
Student phone no is: -900288696
Email Id: mustafa@gmail.com
Fees: 45000
***-*****
```

Figure 1: Example Image

2. **Display Student Details:** Displays the details of all registered students including enrollment number, year of admission, name, gender, branch, address, city, age, phone

number, email ID, and fees.

```
1. Add Student
2. Display Student Details
3. Search Student
4. Delete Student Registration
5. Modify Student Details
6. Add Grades
7. Display Grades
8. Exit
Enter your number 3
Enter the student Enrollment number for search:0801cs221093

Student details not found.
```

3. **Search Student:** Enables users to search for a specific student by enrollment number and displays their details if found.

```
2. Display Student Details
3. Search Student
4. Delete Student Registration
5. Modify Student Details
6. Add Grades
7. Display Grades
8. Exit
Enter your number 4
Enter the student Enrollment number whose registration is
cancelled: 0801cs221093
Student with enrollment number: 0801cs221093 has been
deleted.
```

4. **Delete Student Registration:** Allows users to delete the registration of a student by specifying their enrollment number.
5. **Modify Student Details:** Permits users to modify the details of a student by providing their enrollment number and updating the necessary information.
6. **Add Grades:** Allows users to add grades for a student by specifying the number of subjects, subject names, and corresponding grades.

```
Enter your number 6
Enter the Enrollment number of student for grades:
0801cs221093
Enter the number of subjects:
3
Enter subject 1: maths
Enter the grade for maths: A
Enter subject 2: english
Enter the grade for english: B
Enter subject 3: science
Enter the grade for science: A
Grades for student with Enrollment No. 0801cs221093
successfully added.
```

7. **Display Grades:** Displays the grades of a student by specifying their enrollment number.

```
1. Add Student
2. Display Student Details
3. Search Student
4. Delete Student Registration
5. Modify Student Details
6. Add Grades
7. Display Grades
8. Exit
Enter your number 7
Enter the Enrollment number of student to display grades:
0801cs221093
Grades for student with Enrollment No. 0801cs221093:
Subject: maths, Grade: A
Subject: english, Grade: B
Subject: science. Grade: A
```

## Conclusion

The Student Management System provides an efficient and user-friendly solution for managing student records. It helps universities keep track of student information, grades, and other relevant details. This system facilitates easy addition, modification, and retrieval of student records, making it a valuable tool for educational institutions.

## Note

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