

# **Student Information Management System**

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## **Project Description**

The Student Information Management System is a Java-based desktop application designed to manage student profiles, grades, and attendance efficiently. It uses Java Swing for the GUI and file handling for data storage, eliminating the need for any external database. The application is simple, efficient, and user-friendly, making it ideal for academic and learning purposes.

## **Key Features**

- Add and manage student profiles
- Record and update student grades
- Track student attendance
- Search student records easily
- File-based data storage (no database required)
- Clean and interactive Swing GUI

## **Technologies Used**

- Language: Java
- GUI Framework: Java Swing
- Data Storage: File Handling
- IDE: IntelliJ IDEA / Eclipse / VS Code

## **How to Run the Project**

1. Clone the repository from GitHub
2. Open the project in your Java IDE
3. Compile and run the main Java file
4. Use the GUI to manage student information

## **Project Structure**

Student-Info-Management\_System

- src/
- data/
- README.md

## **GitHub Repository**

[https://github.com/shauryadubey5173-dot/Student-Info-Management\\_System.git](https://github.com/shauryadubey5173-dot/Student-Info-Management_System.git)

## **Author**

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## **License**

This project is created for educational purposes and learning Java application development.