

# Student Record System

- This is a mini-project “Student Record System Project using C”
- Student record contains his name, total grade, unique id, age, gender, and password.
- The system has two modes: 1. Admin mode  
2. User mode  
and the user has to choose the mode at the beginning.
- If the user chooses admin mode, ask him for the password and he has these Privileges:
  1. Add student record
  2. Remove student record
  3. View student record
  4. View all records
  5. Edit admin password
  6. Edit student grade
- When the user chooses “student mode”, ask him for the id and the password, and he has these privileges:
  1. View your record.
  2. Edit your password.
  3. Edit your name

## Admin mode:

The system asks for the password; the default password is “1234”. The user has 3 attempts to enter the password correctly.

1. Add student record: - To add a new student, the admin shall enter this basic information: (student name, total grade, unique id, age, gender, and password). - The ID shall be unique for the user, if the entered ID already exists, the system shall reject the entry.
2. Remove student record: - The admin can remove a student record by entering the student ID. if the entered ID doesn't exist, the system shall reject the transaction.
3. View student records: - By entering the student ID, the system shall show the basic information for the student.
4. View all records: - This function displays all entered student records.
5. Edit admin password
6. Edit student grade - It will take a student Id, if the ID exists, it will edit the total grade

## User mode:

1. View your record - By entering your ID, the system shall show the basic information for your record.
2. Edit your password - By entering your ID, you can edit your password.
3. Edit your name - By entering your ID, you can edit your name.