In college there are more datas about staff,students etc to kept.The admin should handle staff details and student details too.Staff details contains there salary ,attendance etc. and student contain attendance,mark,id etc.COLLEGE MANAGEMENT SYSTEM will help to avoid complications and work stress.



|  |  |  |
| --- | --- | --- |
| Hands-on Exercise Objective | |  |
|  |  | | |



**Step 1:** The program should display the menu as follows

1.Admin Login

2.Staff Login

3.Student Login

4.Exit

**Step 2:**

If 1 is pressed,get the admin login details and validate.on valid login ,show the below menu.

1.Add Staff(Fields:Staff\_id,Staff\_name,Department,Attendence,Salary)

2.View staff/View Student(Show the below menu)

1.View Staff(Display Staff details like Staff id, Staff name,department,salary)

2.View Student(Display student details like student id,student name,department,marks of five subjects and attendance)

3.Exit(When we press exit ,it goes to admin home page)

3.Update Staff(can update salary based on the attendance of staff)

4.Delete Staff(Delete the staff details)

5.Logout

**Step 3:**

If 2 is pressed,get the staff login details and validate.On valid login,show the below menu.

1.insert(Fields: student id,student name,department,marks of five subject,Attendence)

2.view student/staff

1.view student(Details of student- student id,student name,department,marks of five subject,Attendence .)

2.view staff (Details of staff-staff id,staff name,salary,Attendence)

3.Update(update students mark,attendance)

4.Delete(delete all details)

5.Logout

**Step 4:**

If 3 is pressed ,get the students detail and validate.On valid login,show the below menu.

1.view(Fields: student id,student name,department,marks of five subject,Attendence)

2.Logout

Sample output:

1)Admin

2)Staff

3)Student

4)Exit

enter the choice

1

Enter the username

admin

Enter the password

admin

Invalid username or password

1)Admin

2)Staff

3)Student

4)Exit

enter the choice

1

Enter the username

admin

Enter the password

admin123

Welcome to admin login

1)Insert staff

2)View

3)Update staff

4)Delete staff

5)Logout

enter the choice

1

Enter the staff name

maya

Enter the staff id

2

Enter the department

ec

Enter the basic salary

500

Enter the no of days present

25

Staff details added successfull

1)Insert staff

2)View

3)Update staff

4)Delete staff

5)Logout

enter the choice

2

1)View staff

2)View student

3)exit

enter the choice

1

Staff name:arya

Staff id:1

Department:cse

Basic\_salary:500

Salary:12500

Days\_present:25

Staff name:maya

Staff id:2

Department:ec

Basic\_salary:500

Salary:12500

Days\_present:25

1)View staff

2)View student

3)exit

enter the choice

3

1)Insert staff

2)View

3)Update staff

4)Delete staff

5)Logout

enter the choice

3

Enter the staff id

2

Enter the no of days present

30

Updated successfully

1)Insert staff

2)View

3)Update staff

4)Delete staff

5)Logout

enter the choice

2

1)View staff

2)View student

3)exit

enter the choice

1

Staff name:arya

Staff id:1

Department:cse

Basic\_salary:500

Salary:12500

Days\_present:25

Staff name:maya

Staff id:2

Department:ec

Basic\_salary:500

Salary:15000

Days\_present:30

1)View staff

2)View student

3)exit

enter the choice

3

1)Insert staff

2)View

3)Update staff

4)Delete staff

5)Logout

enter the choice

4

enter the delete id

2

Staff details removed successfully

1)Insert staff

2)View

3)Update staff

4)Delete staff

5)Logout

enter the choice

2

1)View staff

2)View student

3)exit

enter the choice

1

Staff name:arya

Staff id:1

Department:cse

Basic\_salary:500

Salary:12500

Days\_present:25

1)View staff

2)View student

3)exit

enter the choice

3

1)Insert staff

2)View

3)Update staff

4)Delete staff

5)Logout

enter the choice

5

1)Admin

2)Staff

3)Student

4)Exit

enter the choice

2

Enter the username

staff

Enter the password

staff123

Welome to staff login

1)Insert student

2)View(Staff/Student)

3)Update student

4)Delete student

5)Logout

enter the choice

1

Enter the student id

11

Enter the student name

anu

Enter the department

cse

Enter the mark of subject1

25

Enter the mark of subject2

30

Enter the mark of subject3

35

Enter the mark of subject4

22

Enter the mark of subject5

33

Total mark:145

Enter the attendance

25

Student details added successfull

1)Insert student

2)View(Staff/Student)

3)Update student

4)Delete student

5)Logout

enter the choice

2

1)View staff

2)View student

3)Exit

enter the choice

2

Student name:10

Student id:appu

Student\_department:cse

Subject1:40

Subject2:41

Subject3:42

Subject4:44

Subject5:45

Total\_mark:212

Attendance:28

Student name:11

Student id:anu

Student\_department:cse

Subject1:25

Subject2:30

Subject3:35

Subject4:22

Subject5:33

Total\_mark:145

Attendance:25

1)View staff

2)View student

3)Exit

enter the choice

3

1)Insert student

2)View(Staff/Student)

3)Update student

4)Delete student

5)Logout

enter the choice

3

Enter the student id

11

Enter the mark for subject 1

45

Enter the mark for subject 2

44

Enter the mark for subject 3

46

Enter the mark for subject 4

47

Enter the mark for subject 5

30

Updated successfully

1)Insert student

2)View(Staff/Student)

3)Update student

4)Delete student

5)Logout

enter the choice

2

1)View staff

2)View student

3)Exit

enter the choice

2

Student name:10

Student id:appu

Student\_department:cse

Subject1:40

Subject2:41

Subject3:42

Subject4:44

Subject5:45

Total\_mark:212

Attendance:28

Student name:11

Student id:anu

Student\_department:cse

Subject1:45

Subject2:44

Subject3:46

Subject4:47

Subject5:30

Total\_mark:212

Attendance:25

1)View staff

2)View student

3)Exit

enter the choice

3

1)Insert student

2)View(Staff/Student)

3)Update student

4)Delete student

5)Logout

enter the choice

4

enter the delete id

11

Student details removed successfully

1)Insert student

2)View(Staff/Student)

3)Update student

4)Delete student

5)Logout

enter the choice

2

1)View staff

2)View student

3)Exit

enter the choice

2

Student name:10

Student id:appu

Student\_department:cse

Subject1:40

Subject2:41

Subject3:42

Subject4:44

Subject5:45

Total\_mark:212

Attendance:28

1)View staff

2)View student

3)Exit

enter the choice

3

1)Insert student

2)View(Staff/Student)

3)Update student

4)Delete student

5)Logout

enter the choice

5

1)Admin

2)Staff

3)Student

4)Exit

enter the choice

3

Enter the username

student

Enter the password

student123

Welcome to Student login

1)View

2)Logout

Enter the choice

1

Student name:10

Student id:appu

Student\_department:cse

Subject1:40

Subject2:41

Subject3:42

Subject4:44

Subject5:45

Total\_mark:212

Attendance:28

1)View

2)Logout

Enter the choice

2

1)Admin

2)Staff

3)Student

4)Exit

enter the choice

4