

Introduction:

The focus of this project is to automate a small school's student management system. This can be a very good initiative as to it is very difficult and strenuous in case of schools to document and record the personal information, quiz/exam reports and other information.

Requirement Analysis:

1. User Category:

There are n-types of Users here. They are:

- Admin
- Teacher
- Student
- Viewer/Guest

Modules:

1. Login module

- 1.1. All user login from (login table)
- 1.2. System accessibility given to user from (login table)

2. Register module

- 2.1. Can create a new user account to (student / teacher registration table)
- 2.2. Can update account information (student / teacher registration table)
- 2.3. Can delete account (student / teacher registration table)

3. Course module

- 3.1. Can create new course from (courses table)
- 3.2. Can update course from (courses table)
- 3.3. Can active course from (courses table)
- 3.4. Can delete course from (courses table)
- 3.5. Can enroll course from (choosecourse table)

4. Note module

- 4.1. Can upload note from (Notes table)
- 4.2. Can download note from (Notes table)

5. Notice module

- 5.1. Can upload notice from (Notice table)
- 5.2. Can view notice from (Notice table)

6. Search module

- 6.1. Can search user (student/teacher table)
- 6.2. Can search result (results table)

7. Result module

- 7.1. Can upload individual student result (results table)
- 7.2. Can modified results (results table)

8. Payment module

- 8.1. Can payment course from (payment table)
- 8.2. Can modify payment from (payment table)

9. Salary module

9.1. Can entry salary from (salary table)

9.2. Can modify salary from (salary table)

10. Contact module

10.1. Can contact with email from (contact table)

11. Report module

11.1. Generate which course are taken most of the times student from (choose course table)

11.2. Generate how many students get goods marks from all students (results table)

11.3. Generate student history (results table)

# Module	Admin	Student	Teacher	Guest/Visitor
1.1	✓	✓	✓	
1.2	✓			
2.1		✓	✓	
2.2		✓	✓	
2.3	✓			
3.1	✓		✓	
3.2	✓			
3.3	✓			
3.4	✓			
3.5		✓		
4.1	✓		✓	
4.2		✓		
5.1	✓		✓	
5.2		✓		
6.1	✓		✓	
6.2	✓	✓	✓	
7.1	✓		✓	
7.2	✓		✓	
8.1		✓		
8.2	✓			
9.1	✓			
9.2	✓			
10.1		✓	✓	✓
11.1	✓			
11.2	✓		✓	
11.3	✓	✓	✓	