

Users

- 1. Student
- 2. Faculty
- 3. Librarian
- 4. Admin.

Librarian -

- Add Book
- Request a book
- Issue a book
- Returns a book

→
Student-id. (All details will be shown)
like if issued book before)

Admin - View Requested books.

Faculty - Attendance will be marked
with the fingerprint in the temple.

Existing System.

Decentralized of traditional Database.

Proposed System.

Centralized & Modern Database

Algorithms

2

Survey

8 Major technologies.

Web application.

- Asp.net, Bootstrap (front end)

- Backend

- DB connectivity with MySQL using
C# programming.

(- Data table libraries).
jQuery & font.

Admin

Forgot

- courses, Home / Dashboard.

- Broadcast a message to
 - Specific just faculty
 - just everyone.

(Broadcast in Notifications Area)

- No. of students in the department.
- No. of faculties & their info if click on that
- If students are fined then the No. of students fined & their info.

- Adding New Courses.

- Course Code, Course Name, Semester/Years.
- Add New Course
- Generating sequential Roll numbers for the Department (with a starting Roll no).
- e.g. B.A, B.Com, P.B.A.

- Students.

- List of all the students in the department with their respective subjects & all the info.
- add a new student to the department with some of his details with photo.
- also admin can search for student over there to make changes.

- Subjects Management.

- In this we will be able to add see the subjects according to the course of the semester as input.

(e.g. if course S.E (I.T) → sem 4 →
it will show subjects for the same
of their syllabus, then elective or optional)

- Add a subject with a course Id then marks of all

- can upload the syllabus & can download.

- Faculties.

- All the available faculties
(in photo view / Table View)
- add new teacher, with photo, contact details,
Qualification, Experience.

Time table

- can make time-table with the course of
Semester as the inputs.
- Define / modify Period →
 - Select Period.
 - Select Days.
 - Select Subject.
 - Subjects not marked will be free.

Users

- These are the users who have registered
themselves on the page & are active.
- can make change to status, so he can't
access the database

Student fine

- Roll no → search student →
details will be shown →
Reason for fine & fine amount.
- All fines button → all students who have
Paid fine & those who hasn't.

Project Report

- Get submitted the project reports from the student.
course → plan, class, project title, technology, submit date.

Assign faculty -

- If we want to assign faculties to some specific subject.
- By taking inputs like Course(T.E(T.T)), Semester of subject → click on Fetch faculties → will show if a faculty is assigned to that subject.
 - If no faculty assigned then all faculties will be shown, ~~so~~ just select the faculty & save the faculty for that subject.
- If faculty already assigned we'll get the option to change the faculty for that subject.

Print attendance -

- select date
- faculties & mark.

Attendance Report :

- {
 - get the report of attendance of students for a subject of some semester of some course.
 - display all students with Roll no, subject, total attendance & percentage.
(less attendance, red (down) light (light))

Class }
wise for
all subjects

- select case of semester
- display all the students with roll no.,
class (T.E), Total attendance &
percentage.

Student }
wise

- Search for student with Roll no.,
if will display student details,
& his attendance in All subjects.

Search for student

- can search for student with the name,
or last name or Roll-no.

Student login

Credentials

- Student "Rollno" - username
- DOB - password.
- when student login first time with these credentials; he will be prompted to change password of & login.

Dashboard -

- Notifications
- Fees Due or not.
- College fine.
- Current Month attendance.
- last login.

My subjects

- will display all the subjects assigned to him, by the subject code, name, type(optional/core), Download syllabus, attendance.

My faculty -

- Display all the faculties assigned to him for the subjects of the faculty info.

Timetable

Mark

- will display his marks for the subjects.

Registration

→ All his details, with his subjects,
course.

Fine —

→ If he is being fined then,
Reason, fine amount, Date, Pay status.

Assignment

→ will display if he is being assigned some
work.

Faculty

Credentials

- teacher "teacherid"
- DOB
- change password.

Dashboard

- ← Faculty can send broadcast a message to
 - families
 - Student (Everyone)
- ← Notifications.

My Subject

- The subject assigned to the faculty if can download the Syllabus.

Internal marks

- can give marks to the students here
- course ; sem ; subject

Attendance

- can mark student's attendance.
- Date , course , sem , subject,
 → mark the Student.
- can mark only his subject attendance

Assignments

- can Assign students with the assignment if it will be seen to students .