

Timetable management system

"Timetable Management system" is an automated system which generates timetable according to the data given by the admin. The system requires to enter all the details about subjects, timing of labs, total no. of period, workload of the faculty etc. Then the application will generate the timetable according to your requirements. It will help in automating the tedious job of making the timetable manually.

Technology:

- **Frontend:** Html, Css, Javascript, Bootstrap
- **Backend:** Java
- **Database:** Mysql

Stakeholder of the system:

- 1) Admin
- 2) Faculty
- 3) Student
- 4) Lab operator

Functionality of the stakeholders:

1) Admin:

- Admin can **make the timetable** according to year wise and available class and lab resources.
- Admin can **modify the timetable** according to extra-curricular like seminar or day celebration or the leave of faculty and arrange proxy lecture.
- Admin can **distribute the subject** to the faculty and load timetable year wise.

2) Faculty:

- Faculty can **check subject, view subject distribution and also check year wise details.**
- Faculty can **view own and full timetable and also class and year wise timetable.**
- Faculty can **edit/update the timetable** and arrange the extra lectures.
- Faculty can **make a timetable pre drafted timetable.**
- Faculty can **download the Timetable** in Excel/Pdf format.

3) Student:

- Students can **view the timetable** (Regular lectures, lab, extra lectures).
- Students can **download the timetable** in Excel/Pdf format.

4) Lab operator:

- Lab operator can **view and download** the timetable as an Excel or Pdf file.