

Edify - Mini Courses Portal

Overview

“Edify” - is implemented to provide course management interface for educational institutes. Target users are the students and faculty of such institutes. Faculty registration would be followed by admin verification and student can register directly using their students mail id and apply for courses available.

Technologies used

- web2py framework
- jQuery
- twitter bootstrap
- sqlite3 (backend)
- pythonanywhere.com (web hosting)

Features implemented

- Faculty , Student registration
- Faculty verification by admin
- Admin interface to add new courses and monitor every table used in the backend
- Course registration and Course TAsip enrolment for students
- Course TAsip approval by faculty
- Activity tracker for each user and course respectively
- Upload Assignments and Resources for each course, these rights are reserved for TA's and course faculty
- Upload marks for each assignment, mid1, mid2, and end sem for each student
- Marks section visible to students enrolled for a particular course
- Course search - using ajax and pagination
- Assignment deadline tracker on student homepage
- Label based distinction between course enrolled, course taship pending (yellow marker) and course taship approved (green marker)
- Course overview update interface for course TA's and faculty
- Listing of course staff for each course page
- Email feedback to faculty for each course
- Entire implementation is mobile ready i.e the website is designed keeping responsiveness in mind

Future scope

- Marks upload section can be implemented using file upload, where we can provide a template to fill and upload.
- Activity tracker can be extended to fine grain the level of notifications user needs to receive at course level and user level.
- Email based activity notifications.