

Mini Courses Portal

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1 Brief Description of the Mini Courses Portal

Mini Courses Portal is designed to provide students a site where they can conquer and learn different courses. It gives them a platform to know about different subjects and clear their doubts with the threads available to them at the portal. They can subscribe and unsubscribe courses from their account. Add courses will give them an option to add course from the entire list of courses available. Only the admin(here manager) can add new courses to the data base. As taking into consideration that always courses are added according to the need of users.

2 Features Implemented

2.1 Login, Register, Forgot password

It gives a formal login option to all the users. If it would be an admin(here manager) he/she will have privilege to add new courses to the data base. Only managers account have a menu bar tab of 'manage', rest other users will have only three tabs in menu bar 1. Home - which shows the courses you have subscribed. 2. Add Courses - gives you list of all courses and an option to subscribe them. 3. Remove Courses - gives a list of subscribed courses to unsubscribe. if its a new user he/she needs to register first. And we have already fixed one user as a manager.

2.2 The layout of the pages

In this portal we have used many different layouts which gives the app a WOW factor. Many similar layouts are available at web2py

layouts site, we have modified the layouts to be used as per our requirement.

2.3 Adding Courses to Database

The admin(here manager) can add new courses to the database anytime he wishes by filling in the details. This feature is privileged and can be accessed only by the admin(here manager).

2.4 Threads at the courses portal

Any user can post their doubts queries ans suggestions to the admin(here manager) anytime. Any user Admin or normal user can see those threads by clicking on the topics which are courses specific. User can share its own topic thread too.

3 Features that need more work

3.1 Email sending to all the users

Whenever the admin(here manager) adds a new course to database an e-mail should be sent to all the registered users. the mail should contain full detail of the course like Course Name, Faculty Name, Short description, a mini image of course.

4 Schema of tables used

Table with name 'Courses' contains detail about Courses, 'students' contains the registered users and 'posts' the threads detail.

5 UI Screenshots

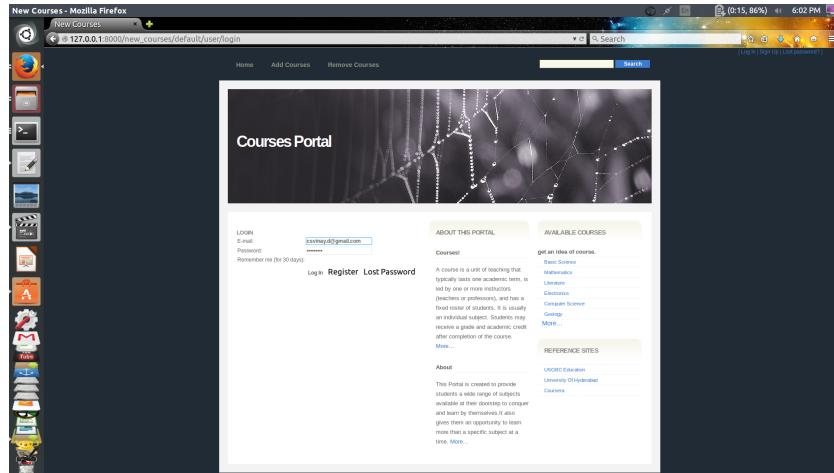


Figure 1: Login page

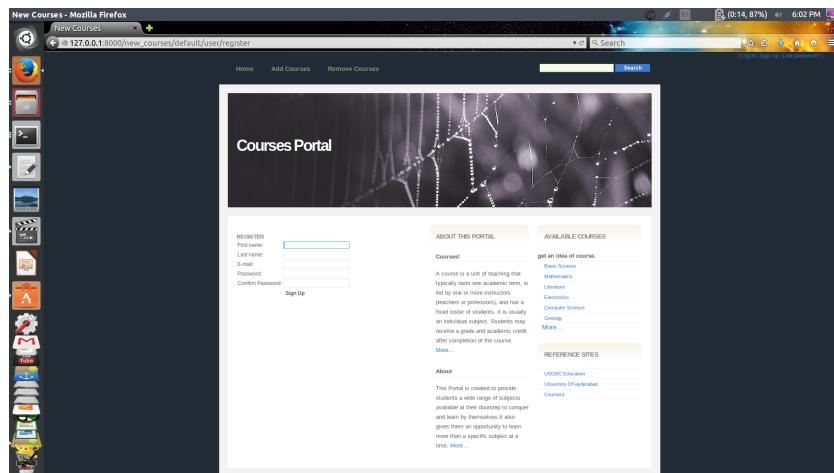


Figure 2: register new user

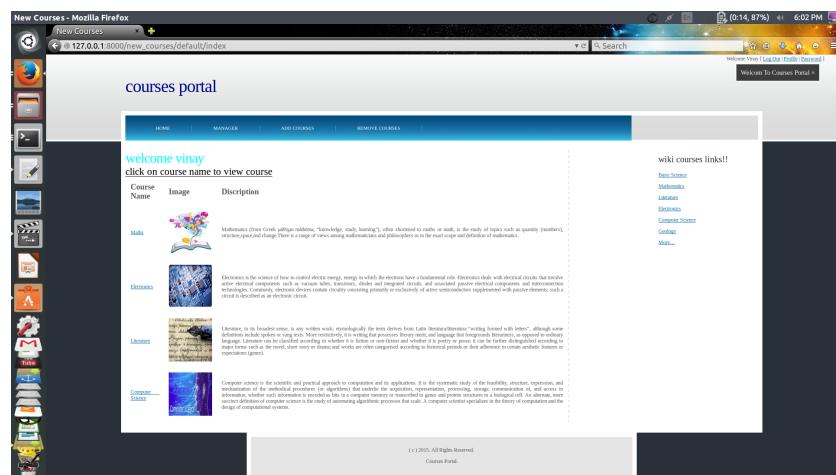


Figure 3: Admins home

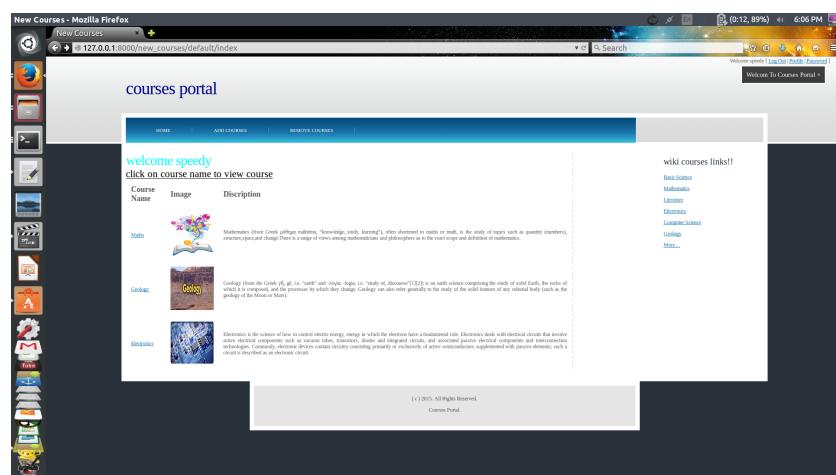


Figure 4: Normal user's home

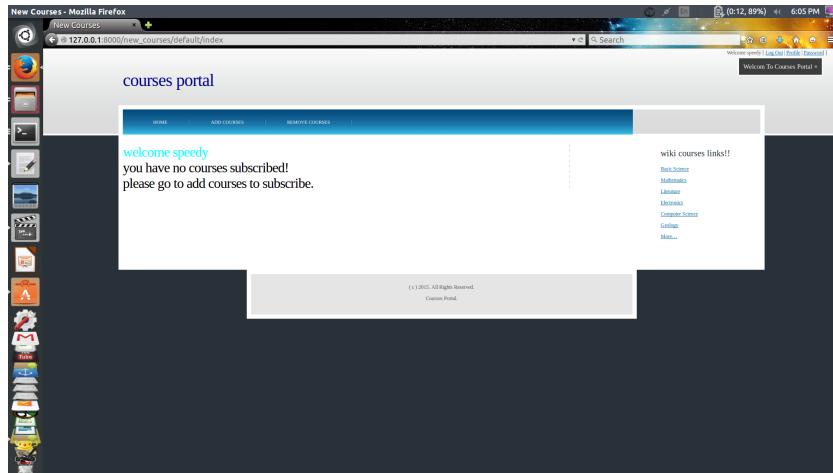


Figure 5: New user's home

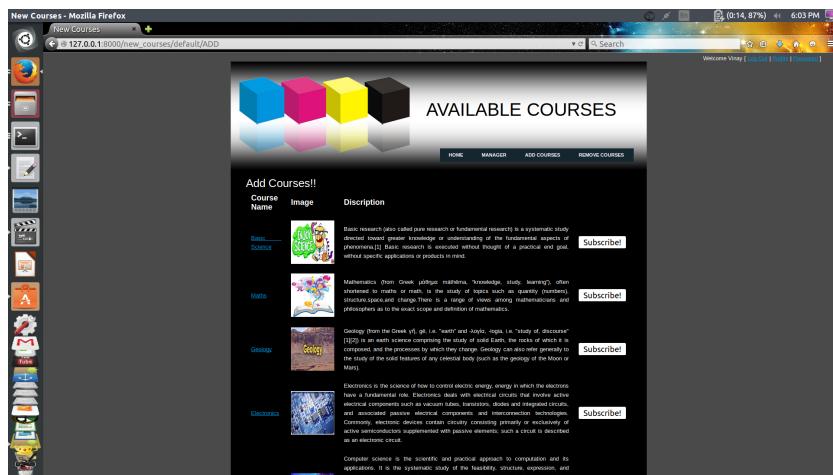


Figure 6: Add new course

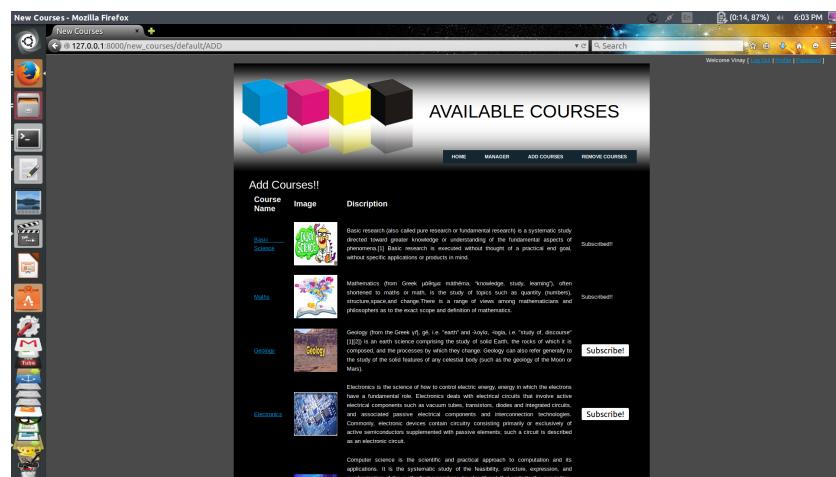


Figure 7: Added new course

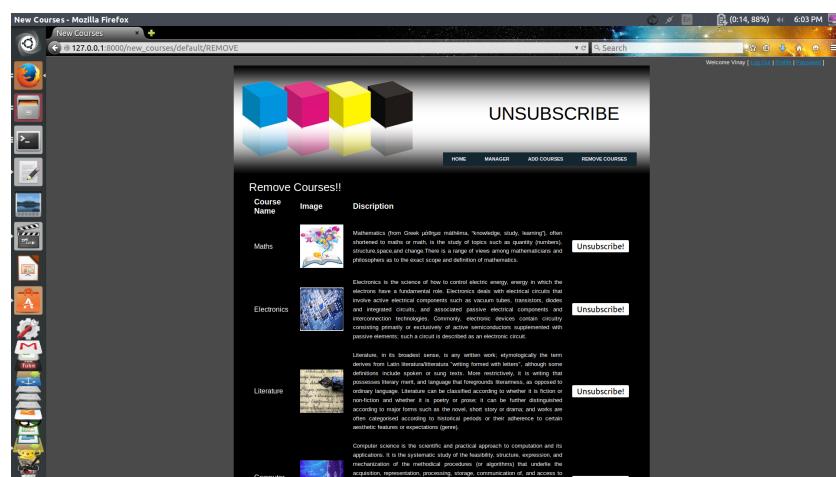


Figure 8: Remove course

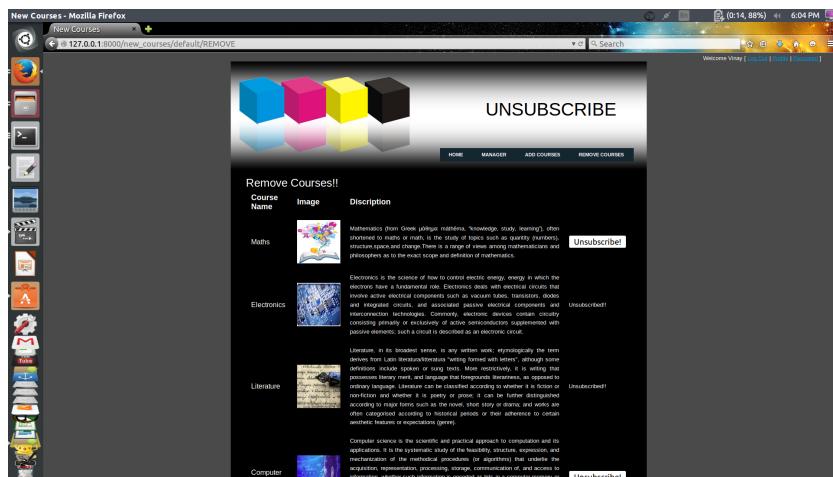


Figure 9: Removed course

| ID | Name | Description | Image | Manage Upload |
|----|------------------|------------------------|-------|--|
| 16 | Basic Science | Basic research (A...) | | View Edit Delete |
| 17 | Maths | Mathematics (from...) | | View Edit Delete |
| 18 | Geology | Geology (from the...) | | View Edit Delete |
| 19 | Electronics | Electronics is th... | | View Edit Delete |
| 20 | Computer Science | Computer science ... | | View Edit Delete |
| 21 | Literature | Literature, in its ... | | View Edit Delete |
| 22 | Economics | Economics is the ... | | View Edit Delete |

Figure 10: Adding new course to Database

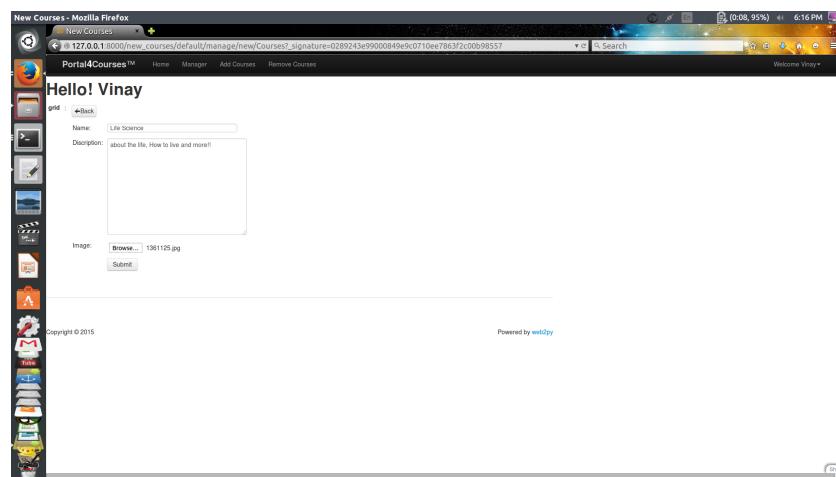


Figure 11: New course description

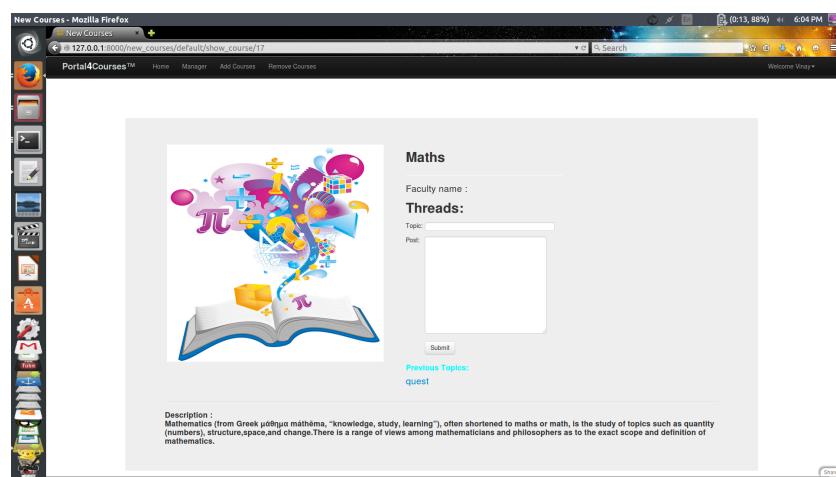


Figure 12: One of the course

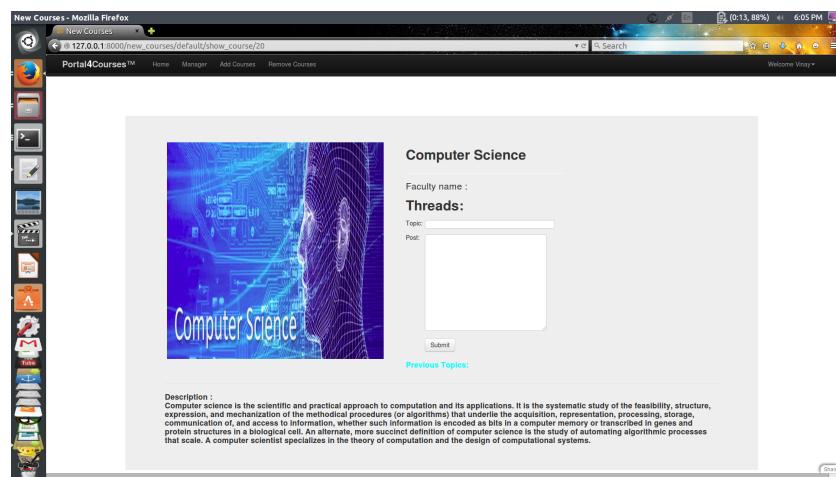


Figure 13: Other Course

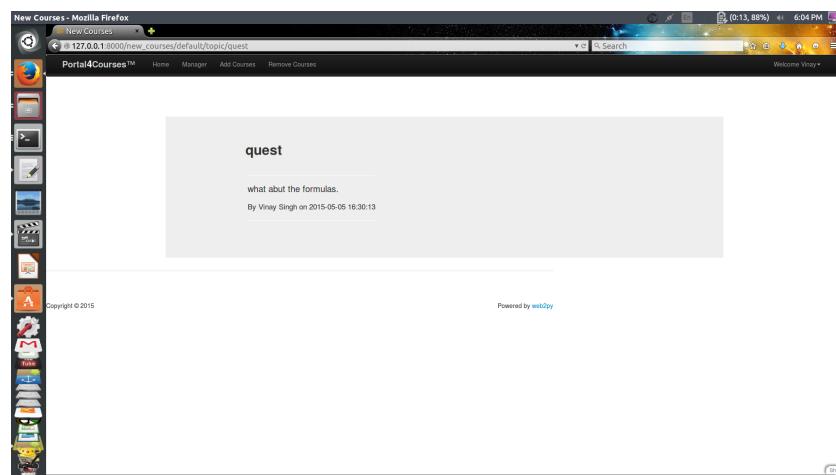


Figure 14: View the threads