

Internet based Discussion Forum

Student centered learning and the creation of student centered spaces online are gaining credence in educational settings. We know that effective learning requires access to social and academic networks for both study material and emotional support; as such, online communities can offer a holistic knowledge construction, support mechanism, and recognize that affective activity is effective. Social forums, often called 'Virtual Cafes' or 'Common Rooms' can be set up for courses or for programs, depending on the student need. These spaces provide students to come together and discuss unlimited topics, including social activities and educational ideas. They are supportive spaces for students, most successful with large first and second year courses where students would not otherwise have the opportunity to communicate with others outside their own tutorial group. There are four entities will have the access to the system as follows admin, teacher, Student, Alumni. Admin manages the system by approving the threads added by the students, teachers and alumni. Admin can view all the threads and can mark a post as favorite, which will be listed at the top of all the discussion forums. Teacher, Student and Alumni need to register himself or herself by filling up basic registration details and create a valid login id and password. All the entities have to login with their valid credentials in order to access the system. System allows teachers, students and alumni to create a thread/post which will be displayed among themselves and start a discussion be commenting/replying and also can like a thread/post.

Modules and their Description

The system comprises of 4 major modules with their sub-modules as follows:

1. Admin:

- a. Login:** Canteen person need to login using valid login credentials to access the system.

- b. Add Teacher:** System allows admin to add teacher with their details such as name, email, contact, etc...
- c. Approve Student / Alumni:** Students/Alumni, who have registered themselves successfully, will be sent to admin for approval of an account. Once the admin approve the registration then only Student/Alumni can access their account.
- d. Accept Thread:** Whatever thread/post is added by the teacher/student/alumni will be first sent to admin for approval. Once admin approve the thread/post, it can be viewable to all.
- e. View Thread:** Admin can view all the accepted thread/post with its details and mark any thread/post as favorite.

2. Teacher:

- a. Login:** A Teacher need to login using valid login credentials to access the system.
- b. Create/View Thread:** A teacher can create a thread by mentioning the thread content, which will be sent to admin for approval. All the threads added by the teacher can be viewable once it is approved by the admin.

3. Alumni:

- a. Register:** The alumni person need to register himself/herself with basic registration details and need to create a valid login id and password.
- b. Login:** Alumni person need to login using valid login credentials to access the system.
- c. Create/View Thread:** An alumni person can create a thread by mentioning the thread content, which will be sent to admin for approval. All the threads added by the person can be viewable once it is approved by the admin.

4. Student:

- a. Register**
- b. Login:** A Student need to login using valid login credentials to access the system.
- c. Create/View Thread:** A student can create a thread by mentioning the thread content, which will be sent to admin for approval. All the threads added by the student can be viewable once it is approved by the admin.

Hardware Requirement:

- i3 Processor Based Computer or higher
- Memory: 1 GB RAM
- Hard Drive: 50 GB

- Monitor
- Internet Connection

Software Requirement:

- Windows 7 or higher
- WAMP Server
- Notepad++
- My SQL 5.6

Advantages

- E learning and discussions in particular, can support learning that is not always tutor/teacher-centred, your role will be important, especially as an online community begins to develop.
- A group of students can become a community of participants who begin to grow in their understandings of course material and individual contributions to the knowledge construction process.
- Very flexible and more convenient system for users.
- Managing all thread/post, replies and like from users with proper well-structured flow.

Application

This application can be used in many institutions, schools, and colleges.

