

AIUB SYNAPSE

Project Proposal
Group-5

OBJECTIVES

An university is a place where people, interact with smart people to learn and discuss important ideas. While studying in university, it is very important to interact with the faculty members, for study and research purposes. Along with that, sometimes it is important for the faculty members to know their students study interests.

AIUB is a renowned university in Bangladesh. AIUB-SYNAPASE will, act as a teacher-student online platform, where students and teachers can interact with each other, share each others research interests in AIUB. Other than that, they can directly reach out to each other. Here they will be able to share their thoughts and status.

AIUB-SYNAPS, new social platform of AIUB, will act as a bridge between the teachers and students of AIUB. It is designed to facilitate academic discussion and share research interests, along with connecting on a personal level.

Scopes:

- Facilitates academic discussion and research project collaboration
- Sharing each others research interests
- Helping students in networking
- Direct interaction between teacher-student
- Getting guidance and resources from the teachers on various aspects
- getting a research assistant
- Creating channels for students to provide feedback on courses and teaching methods.
- Sharing personal and professional events

Proposed system

APPLICATION ADMINISTRATION:

- They can watch out the activities of the other users.
- Any uploads by the students or faculties can be deleted.
- Can receive and work on reports of the users

FACULTY:

- Create faculty account
- Add their research interests
- add the projects they are working in
- Can reach out to students via messaging
- Can receive cv and proposals from the students

STUDENT:

- Create faculty account
- Add their research interests
- add the projects they are working in
- Can reach out to faculties via messaging
- Can receive documents from the students

Functionalities:

General Administration Functions:

1. User Activity Monitoring:
 - View a log of user activities, including uploads, deletions, and interactions.
2. Content Management:
 - Ability to delete uploads by students or faculties if deemed inappropriate or against policies.
3. Report Management:
 - Receive and review reports from users regarding any issues or concerns.

Faculty-Specific Functions:

1. Account Creation:
 - Admins can create and manage faculty accounts.

2. Research Interest Management:
 - Faculty can add and update their research interests.
3. Project Management:
 - Add and manage information about the projects they are currently working on.
4. Messaging System:
 - Communicate with students through a messaging system.
5. CV and Proposal Reception:
 - Receive curriculum vitae (CV) and project proposals from students.

Student-Specific Functions:

1. Account Creation:
 - Admins can create and manage student accounts.
2. Research Interest Management:
 - Students can add and update their research interests.
3. Project Management:
 - Add and manage information about the projects they are currently working on.
4. Messaging System:
 - Communicate with faculty members through a messaging system.
5. Document Submission:
 - Upload and submit documents such as project reports or proposals.

Shared Functions:

1. Account Creation:
 - Both faculties and students can create their accounts.
2. Profile Management:
 - Users (both faculty and students) can manage their profiles, including updating personal information.
3. Search Functionality:
 - Search for other users based on criteria such as research interests or projects.
4. Notification System:
 - Receive notifications for new messages, document submissions, or other relevant activities.
5. Access Control:
 - Implement role-based access control to ensure that each user has appropriate permissions.
6. Collaboration Tools:

- Integrate collaborative tools that facilitate group discussions, document sharing, and project collaboration.