**National University of Computer and Emerging Sciences**



Database Project Proposal

**Gryphon**

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# Introduction

This social media application is exclusive for the stakeholders of FAST NUCES. These stakeholders include students, teachers, administration and alumni. The application will be divided into the following sections: a section where you can ask questions and other people can answer those questions, discussion rooms and a few more.

# Functionalities

The following section contains all the functionalities proposed for this project.

## Sign up (Student/Professors/Instructors/Admin)

These users will be registered along their respective bios. This task is performed by the admin in a dashboard accessible to only him.

## Log in (Student/Professors/Instructors/Admin)

Admin and users will be able to login with valid credentials.

## Profile editing

All users will be able to edit their profiles by changing their credentials and profile pictures etc...

## Search/Filtering

All users will be able to search for professors, instructors, other students and alumni using the search functionality. They will be able to use filtering to filter out the results by either student or teacher or via some other information.

## Home Feed

The administration can make announcements here along with posting other information. Other users can also post things and view things posted by admin or by other users that we follow.

## Discussion room

There will be a discussion room where both students, teachers and alumni can post questions and answer those questions.

## Follow Functionality

We will allow users to follow each other as well as unfollow any user. The posts of the followed users will appear in the home feed.

## Profile Preview

We will provide a system where users will be able to view profiles of other users.

## Catalogue

This catalogue will be able to display all our databases to the students including teachers/courses/prerequisites that we offer services in.

## Societies

We will let students promote their societies here as well as provide the platform for students to register for societies and events.

**Optional Features we might include if possible considering the time constraints.**

## Messaging and Chat Service

The users can message and chat with each other.

## Artist Section

We will allow users to post their arts, including music, writings and all other form of arts in this section.

## Scheduler

We will provide a scheduler to make it easy to keep track of all university deadlines as well as other events related to the university.

## Helping material

We will provide resources such as endorsed books for courses, helping books and other resources with ratings to the students according to their requirements through a search system.

## Request/Recommendations/Complaint section

We will allow students to make recommendations, complaints or start petitions or demonstrate support for or against a certain policy via polling.

## Teacher/Course suggestion

We will provide a system where users will be able to provide feedback on courses and teachers in their campus to make it easier for the students to know about what suits their needs better.