

IHCI Project Proposal

Rules

- Submit a Google Doc, NOT a PDF or a Google slide.
- Use the default fonts, line spacing, and font size unless specifically required in the assignment.
- After submission, the Google Doc will get automatically locked, so you won't be able to make any changes.
- Standard plagiarism rules apply.
- Your submission will not be considered for grading and feedback if you do not follow these guidelines.

Names of Group Members: Aakanksha, Abhinav Kashyap, Aditya Bhandari, Akshat Bhatt, Anish Kumar, Aman Sachdeva

Project Group Number: 1

HCI Group No.: 3

Problem Statement

The lack of a ***centralized and organized platform*** often leaves students struggling to navigate the mass of available resources, hindering their academic progress and personal development. Due to no proper communication channels, students find it challenging to connect with other students and thus often lag behind in progress.

Background of the Problem and Motivation

Students, especially first-years, encounter many challenges navigating through their college life and education. Some of them are listed as follows:

1. Accessing essential ***academic resources***. Though there is a vast amount of resources available, it is complicated and confusing to find those relevant to one's needs when required.
2. Establishing meaningful connections with batchmates, seniors, or alumni. The absence

of a streamlined system for **mentorship and communication** with experienced peers limits the potential for knowledge exchange and guidance, contributing to a sense of disconnection within the student community.

3. Students have a **wide range of work** to do, such as assignments, projects, self-studying, club activities, etc. It can get messy if there's no single platform to club and organize it within their personal space.
4. Staying informed about the **latest announcements** within their educational institutions. Academic and non-academic notices sometimes don't reach everyone or get missed out.

As a result, there is a pressing need for an **integrated solution** that addresses these issues, providing students with a user-friendly platform to access resources, connect with mentors, manage their personal workload, and stay updated on crucial announcements, ultimately enhancing their overall college experience.

Many students commonly get into a new college and face such problems. Helping such students and ensuring that they don't miss out on crucial material or information is one of the key goals of our platform. Such a platform can help students adapt to changing needs as education evolves. In conclusion, this app integrates different aspects of college life to make it easy for students to navigate through.

Scope

Our interface, i.e., the **UniConn** app, efficiently deals with all the problems and loopholes mentioned above. We have tried to make an interface so that the student doesn't need to get into the chaos of traditional college life.

One of the most important features of our app is '**CommuConnect**'. The 'CommuConnect' feature helps students connect with their seniors, batchmates, and even alumni. The feature also provides the option to create chat rooms if one needs to. Students can use this feature to ask their seniors for advice regarding college life and also about future aspects like jobs and higher studies. CommuConnect eliminates the chaos created by connecting through different platforms like Instagram, WhatsApp, and Telegram.

UniConn also provides the feature to access **online materials** such as lecture slides, textbooks, previous year papers/assignments, and other resources. Students can access these resources for free. They can also access resources of other courses in case they need to prepare for post-graduation exams such as *GATE* or even for job interviews.

The app also assists students in managing their schedules, jotting down their ideas about something specific, etc., under the '**Space**' section.

Students remain updated with the things happening in college by using the '**Notice Board**' feature in the app. One can filter the announcements according to their requirements, i.e., club announcements, academic announcements, etc.

Contributions

Aakanksha- Content Development, Creative Backing

Abhinav Kashyap- Idea Sculpting, Research

Aditya Bhandari- Idea Discovery, Curation, Sequencing

Akshat Bhatt- Project Analysis, Research

Aman Sachdeva- Content Development, Cohesive Integration

Anish Kumar-Idea Sculpting, Research