

4TY LEARN

App Objectives:

1. Academic Guidance:

Students who have successfully completed specific courses with excellent grades have a strong understanding of the subject. They can assist others in complex topics, clarifying difficult concepts, and offering strategies for passing that particular course. Through sharing effective study techniques, teaching methodologies, exam patterns, and previous resources, they can guide others.

2. Networking:

The app facilitates the creation of a network among campus students, fostering connections based on shared academic and extracurricular interests. This network not only provides opportunities for mentorship but also helps students refine essential soft skills, such as teamwork, leadership, and communication.

3. Guiding Decisions:

University life is filled with important decisions, such as selecting courses, choosing professors, deciding on electives, or choosing thesis topics. Through the app, students can seek advice from students who have firsthand experience, enabling them to make more informed decisions about their academic paths.

App Features:

App can contain the following features based on the objectives above:

- 1. Group Chatting**
- 2. One-to-One Chat**
- 3. Audio/Video Calling**
- 4. Authentications**
- 5. Profile Management**
- 6. AI Chatbot Integration and Training**

App Screens:

Home Screen

This screen will contain some cards (flexboxes) such as:

- **Courses**

This section will list all available courses, offering detailed information for each, such as course topics, exam patterns, past exam questions, teaching methodologies, and marking schemes. The content will be presented in a custom layout tailored to our app's design, allowing users to explore and access course materials efficiently.

- **Student Profiles**

In this section, students can create, edit, and customize their personal profiles. They can also post different posts and videos based on academics and other topics. The section will also display the student's ranking, which is based on various factors including contributions and review rating in the queries section.

- **Group Discussions**

Here, students can initiate discussions on various academic or campus-related topics. Others can join these discussions to share insights and opinions. Each discussion will be given a suitable name.

- **One-to-One Guidance**

Students can request personalized one-on-one consultations on specific topics. You can send a request for audio or video assistance to a particular individual, and once the request is accepted, you can engage for a discussion.

- **Bot Chat**

Initially, the bot will be trained using existing data, including course materials and frequently asked queries. Over time, the app's data—such as student chats and questions—will help enhance the bot's performance, making it more responsive and intelligent in addressing student queries.

- **Queries Section**

In this section, students can post their questions or concerns related to courses, university life, administrative processes, or any other university-related matters. Other students, based on their own experiences, can offer answers. Afterward, the student who posted the query will rate the quality of the answer. These ratings, along with other factors, will contribute to the student's rank, which is calculated by an algorithm and displayed in the profile section.

