

GRAD GURU

A COLLEGE DECISION SUPPORT SYSTEM



GROUP NO. - 22

Aditi Saxena

2021371

Aditi Singla

2021372

Kanishk kukreja

2021393

Yash Dhiman

2021504

WHAT IS GRAD GURU?

Problem Statement

Students in today's globalized world face a difficult task when making one of the most important decisions:

- Selecting the right institution and program of study.
- The sheer amount of information available across borders, such as:
 1. Admission requirements
 2. Fees
 3. Course offerings
 4. Potential career opportunities

All this frequently overwhelms and confuses aspiring students. As a result, there is a dire need for a comprehensive and user-friendly 'College Decision Support System' that integrates data from colleges globally, providing students with a one-stop solution for making informed choices regarding their higher education path.

Use Case

The "College Decision Support System" is a versatile and user-friendly application that aims to help people make well-informed decisions about their higher education. This use case provides a high-level summary of the app's features.

User Registration:

Users begin by creating an account within the app and entering essential personal information.

Profile Creation:

Following registration, users are encouraged to create their profiles by entering their academic background, financial constraints, preferred fields of study, and desired study locations.

College Search:

Users can search a large database of colleges and universities worldwide. They can narrow selections by location, admission exam requirements (SAT, GRE, GMAT), and tuition fees.

Comparative Analysis:

The software allows users to select and compare different institutions in detail. This covers admission requirements, available courses, and tuition fees, allowing users to compare options side by side.

Career Exploration:

Users can research potential job options linked to their selected fields of study. The app gives data on employment rates, average incomes, and alumni testimonies.

Shortlisting:

Based on the information gathered, users can shortlist from the recommended universities that correspond with their academic and economic considerations.

Communication:

The app facilitates communication between users and current students or alumni of selected colleges. This feature enables users to seek advice and gain insights into college life and experiences.

Decision-Making:

Users conclude the process by confidently selecting a college that best fits their educational and career aspirations.

WHY DO YOU NEED GRAD GURU?

Requirement & Importance:

The "College Decision Support System" is needed for several important reasons, reflecting its significance in addressing crucial challenges in the higher education sector:

Information Overload:

Students today face a sea of information when selecting a college. For this reason they must examine admission requirements, tuition expenses, course offerings, and job opportunities. This system reduces and simplifies the information, making it more accessible and digestible.

Globalisation of Education:

Students are increasingly looking to study abroad. This demands access to information about schools and universities worldwide, which might be difficult to acquire comprehensively without a dedicated system.

Making Informed Decisions:

Making an informed educational decision is crucial for long-term success and job satisfaction. The system provides data-driven insights to students, allowing them to choose universities and programs that correspond with their ambitions.

Financial Concerns:

College costs are a major concern for students and their families. The system provides information on tuition, scholarships, and financial assistance opportunities, assisting students in making sound financial decisions.

Career Preparation:

It is critical to understand various career options connected with specific courses of study. The system provides students with information on job opportunities, employment statistics, and alumni success stories to help them choose programs that will prepare them for their preferred careers.

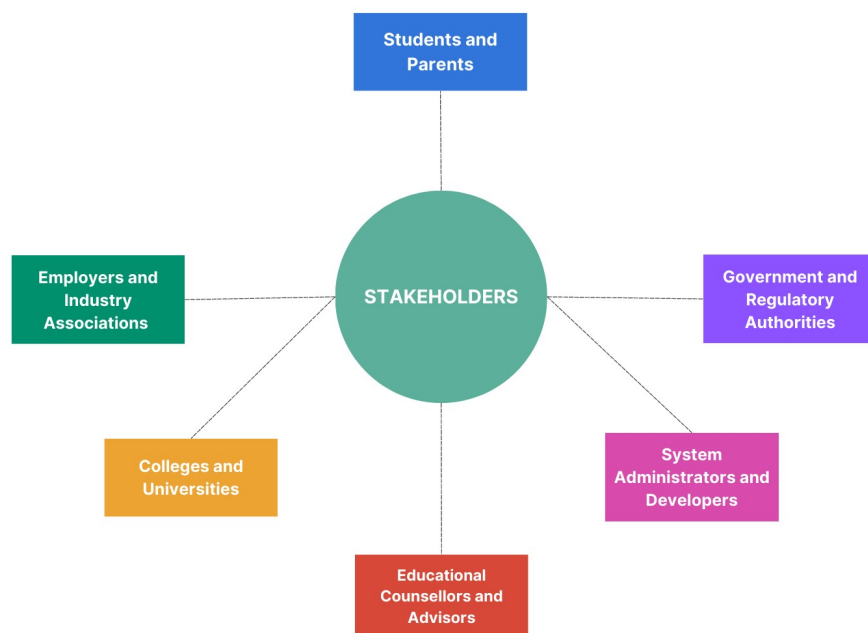
Transparency and Accessibility:

It supports higher education transparency by making college-related data accessible to a broad audience. This transparency has the potential to encourage institutions to improve their offerings.

This application is essential because it simplifies the complex process of selecting a college and program, encourages informed decision-making, assists students in achieving academic and career goals, and contributes to a more transparent and accessible higher education landscape. It meets a critical need in education by providing a useful tool for students and their families.

FOR WHOM IS GRAD GURU BENEFICIAL?

Stakeholders:



The "College Decision Support System" serves multiple stakeholders, each with specific tasks and purposes:

Students and Parents:

The system's primary users are students and their parents or guardians. They aim to help students make informed decisions about college and program options.

Task:

- Students use the system to choose colleges and programs that match their career and academic goals.
- Parents use it to evaluate the financial aspects of various college options, such as tuition fees and possible financial aid.
- Both use the system to compare colleges, research career options, and seek advice from existing students or alumni.

Colleges and Universities:

Colleges and universities can benefit from the system by reaching a larger audience of potential students and enhancing their transparency.

Task:

- Providing current and accurate information about their institutions and programs.
- Responding to prospective student enquiries via the system's messaging tool.
- Data on user preferences and trends are being analysed to improve services and recruitment techniques.

Educational Counsellors and Advisors:

High school and other educational institutions' counsellors and advisors can utilise the system to aid students through college selection.

Task:

- Advising students on universities and programs based on their interests and abilities.
- Assisting students in interpreting and using the platform's knowledge.
- Monitoring the progress of pupils in making informed decisions.

Government and Regulatory Authorities:

Government agencies and educational regulatory authorities can utilise the system to monitor and assess the quality of education colleges and universities provide.

Task:

- Data collection and analysis for colleges and programs.
- Making certain that institutions adhere to accreditation and quality standards.
- Identifying trends and opportunities for development in the higher education industry.

Employers and Industry Associations:

They can use the system to understand the abilities and qualifications of graduates from certain programmes and institutions.

Task:

- Accessing statistics on alumni employment rates and career choices.
- Collaborating with colleges to build programs that meet the demands of the industry.

System Administrators and Developers:

Those responsible for the system's maintenance and development are liable for assuring its functioning and security.

Task:

- Maintaining the system's databases and servers.
- Updates and enhancements are being implemented in response to user feedback.
- Providing user data protection and privacy.

Students, educational institutions, counsellors, government agencies, employers, and system administrators are among the many stakeholders the College Decision Support System serves. Each stakeholder group has certain functions and responsibilities contributing to the system's goal of facilitating informed college and program decisions.