**WEB PORTALS FOR COLLEGES**

**NAME:**

**GITHUB URL:**

**DATE: 19/03/22**

**1. What is your application or business?**

The web portal is a software that aims to bring together the community of Universities/colleges in these difficult times. It aims to compensate for the lost physical presence of every member of this community, be it students or faculties. It will contain three major components: -

Chat rooms will be a place where students could talk and discuss with other students or faculties by creating room for the same topic.

A resources page which host data like previous year exam papers and other academic resources uploaded by other students available for everyone to use;

A dynamic club and chapters section where individual clubs could post about their events and other students would interact with the clubs to choose a club of their interest before joining.

So basically our business is to make this software for different colleges and universities and provide them with all the requested and required features.

**2. What data will you be storing?**

Some data which we will be storing are the user data which will include the students, teachers and clubs data. Then we will also be storing the messages posted in the chat box. In the resources page, previous exam papers, files and and other academics related data will be stored. Even timetables and other useful data can be stored. All club related data will be stored which includes event data, roles, members, posts and other related documents.

Log time, activity time and other data can also be stored. My sales team and marketing team will also need to see the college data. We can also store the course data, subjects data, degree data and also research articles published.

**3. What is the value of this data?**

Most of the data will be stored un string, number , date, varchar, etc, basically all the basic data types will be used to store the data. All files and documents will be stored in media servers and the location of these files will be stored as strings in the database.

All the customer and business data will also be stored as numbers and varchar.

**4. Where will the data come from?**

All the user data will be collected from the users, by users we mean teachers, students and clubs. The resources page data which will include all academics related data will be collected from the college and admins. Club related information will be collected by the respective clubs. All the messages and emails in the chat box will be backed up automatically.

**5. Who will use this data?**

All the data related to the resources page will be used by the entire college community, mainly the students to help them progress with their studies. Whereas the club related data can be used by the club presidents for better functioning of the clubs. My sales and marketing team can also use all the data collected and use some AI/ ML model to analyze the data for increasing the profits of this business and expanding it. Keeping track of the business data and customer data will also be very useful to me to get things done timely.