A Way to Bridge the Gap between Student-Faculty Interaction

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Abstract: *Student and Faculty Interaction (SFI) outside the Classroom" is a very important aspect of higher education experience. Which is missing in the modern education system now. It has also affected overall development of a student. This Learn Management System is a bridge for the same. This enables both faculties and students to interact with each other at any given time and anywhere.*

As many researches have shown a big drop in the interaction between the students and faculties since last decade. This has also affected the overall growth of students. In the various studies in the USA conducted by NSB(National Survey Board) and University of California Undergraduate Experience Survey (UCUES), it has been found that better the interaction between the students and faculty resulted in better development of the student in both academic performances and in other fields too.

Many times students don't feel comfortable asking their queries and in clearing their doubts inside the classroom and then they don't get a chance to interact with the faculty afterward. Not only this, but students are also lacking the element of a relationship. A teacher can have a strong impact in the lives of their students which is also missing. So we have come up with MARGDARSHAN which fills the communication gap between faculties and students. Admin will add all the details of faculties and departments. Faculties can view all the details of the queries sent by students and can upload materials related to the queries. Students can ask queries and view answers and materials.

1.   Introduction

This project is an online website for interaction between students and teacher. This innovative system allows college faculty to share important data as well as notifications with students. It consists of a faculty login along with student login. Since college faculties operate through pc and document uploading is simpler through a pc, the faculty login is to be performed using a computer. Faculty may upload their documents of respected subject syllabus, timetable document, notifications, e-notes, attendance etc. through their assigned login. The documents are uploaded by faculties of the department to different corresponding departments.

We purpose to build this system on an online server that allows faculty to upload data & students may view/search and download the required documents through their computer device.

Here students only see and download data of their particular semester/year/class. Rest of data is hidden while faculty may access and upload/edit documents to any semester/year/class or add any notice as they desire.

2.   Literature Survey

When it comes to the research of interaction between students and faculty, the literature has shown mixed results on academic performance of students. However, there are relational goals associated with teacher student relationship. Few researchers argued that rapport-building can impact the classroom environment in a positive way.

Few researchers claimed that a connected classroom environment translates into a communication environment. Literature concluded that interaction building leads to motivation and engagement. They (researches) offered that positive teacher-student interactions put the classroom environment more at ease and students enjoy the learning environment. It also consolidated through literature that teacher-student interaction builds a relationship showing utmost consistency and instructional outcomes that can be measured.

Teachers cannot shoulder all the problems that students face but a positive classroom environment will slowly and steadily bring strength to them. For years, rapport has been a taken-for-granted area the paradox of interaction is that it is notoriously problematic to define and it is equally difficult to quantify. Despite all this, faculty-student interaction is the fundamental requirement for the education system. A study has concluded that interaction helps in increasing class attendance along with increasing the desirability to learn the subject.

3.1 Existing System

In the present system a student has to approach various coaching institutions or online learning to find out solutions to their doubts and queries. This often requires a lot of time as well as money too, as a student both of these resources are very limited. And even after consulting various paid institutions and online learning platforms the students do not get the desired results and often get misguided. And if students use the help of social media platforms which they can access at no cost (in terms of money), there they spend more time doing things other than learning. And on the internet there is a whole lot of content but they are not systematically organized.

3.2 Proposed System

An automated interaction system where students and faculties can contact each other personally. This system has following benefits over the existing systems:

Students can interact with the faculty personally.

They can clear all their doubts and can ask for solutions of their problems

Here students and faculties can also have informal interaction.

Faculties will be able to provide notes and assignments to the students.

Video lectures can also be provided by the admin and faculties

Students will be able to provide feedback to the faculties and video lectures

Students will get notification for every posts

Student will also be able to upload their assignments online

4. Methodology

MODULES:

Member registration:-firstly, member would be required to register themselves on the web application providing various details like name, use etc.

Member login:-if a member is already registered at the website then they can login using their use name and password.

Members can view and sent messages separately:- there will be separate windows to view messages and send which would avoid loop in security.

1. Rating are available on every video lectures and notes depending on which Faculty rating is calculated.

2. Notes are available online

3. Assignment are provided and student can submit the assignment in the form of Pdf.

4. Notification of all the important dates like file submission, assignment submission, practical and exams.

5. Daily lectures will be uploaded with feedback and rating.

6. Query will be resolved by the teacher.

7. Notes are separated /sorted depending on subject and easily accessible.

8. Notice will be provided by the admin for students and faculty.

5. Results

Students and faculty interaction will be enhanced and hence the doubt being faced by students will be cleared more effectively than that in the classroom which will finally lead to better academic performance of the student as well as the interaction gap between students and the faculties will be enhanced.

In order to improve this interaction, faculty should work as per the following suggestions: Faculty should consider feelings of the students. They should be friendly and communicate with the students openly. They should go out of the way to help students. They should try new ideas as well as new and different ways of teaching. Faculty should think various innovative and unusual activities. Faculty should give a chance to students to know first names of classmates and to know one another well. Students should be informed about goals of a specific class in advance. Students should also be made to do some work in the class. Class should always be organized. Assignments should be clear in terms of objectives. Class should adhere to timelines. Activities in the class should be planned very carefully. Individuals' pace of learning should also be respected. Students should have a fair share in deciding how class time is spent. Approaches to teaching should allow students to work at their own pace. Students should also decide about progression of the class.

6. Conclusion

Hence, it's concluded that student-faculty interaction significantly impacts classroom environment. It also concluded that the faculties can build good interaction with their students. It also concluded that if the interaction gap between the students and their faculties will decrease then it will also increase overall development of a student in terms of academics as well as in their personality development.

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