

# Mentor and Mentee System

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**Abstract** - The mentor and mentee system is meant by managing the relationship between the faculty, parent and the student. The mentor and mentee system provides the professional guidance, career advancement of the student and it helps in improving the academic performance of the student. Mutual trust and, regular contact and conversation are the basic concept of mentor and mentee system. The mentor's role is to provide guidance, encouragement, and support, while the mentee's role is to ask for help when needed, establish clear lines of communication, maintain contact, and learn. Here the mentees are set with the mentor providing support, guidance and experience sharing. Mentors can help highlight issues and to assist the Mentee in planning ways through them. To help undergraduate students understand the challenges and opportunities present in the Institute and develop a smooth transition to campus life. To counsel academically weak undergraduate students and to play an important role in helping troubled students cope with academic, extra-academic and personal problems. To provide positive role models to undergraduate students in the institute. To proactively try to identify problems of the general student populace and to bring them to the notice of the concerned authorities. Ensuring regularity and punctuality of students through counseling sessions.

**Index Terms** - Mobile Application, Communication, Mentor and Mentee System, Secured, Feedback.

## I. INTRODUCTION

To help undergraduate students understand the challenges and opportunities present in the Institute and develop a smooth transition to campus life. To counsel academically weak undergraduate students and to play an important role in helping troubled students cope with academic, extra-academic and personal problems. To provide positive role models to undergraduate students in the institute. To proactively try to identify problems of the general student populace and to bring them to the notice of the

concerned authorities. Ensuring regularity and punctuality of students through counseling sessions. Identify strengths and weaknesses in all fields of the mentees by using SWOT analysis. Identify hobbies and fields of their interests. Guide and motivate to improve their results. Knowing their academic and psychological needs and guiding them accordingly. Conducting regular counseling sessions for building discipline. Encouragement and Orientation provided in developing enthusiasm to participate in multiskilled activities such as curricular, co-curricular and extra-curricular. Collect feedback to strengthen the feedback system and achieve desired results on different aspects. Taking feedback at the end on this Student Mentor system.

## II. ARCHITECTURE

### A. Proposed Methodology

The main objective is to develop a project which is an important step towards streamlining this effort is to develop a framework and identify necessary properties that a secure and trusted online department working system must satisfy to reduce discovery redundancy. Such a framework will allow us to evaluate as well as compare the merits of existing and future candidate in department. System should support multi-user environment. System should be fully automated. System should provide concrete security features like admin creating users (students) and assigning privileges to them. System should be capable to keep track of all the detailed descriptions of the activities and the whole details of services offered by the admin.

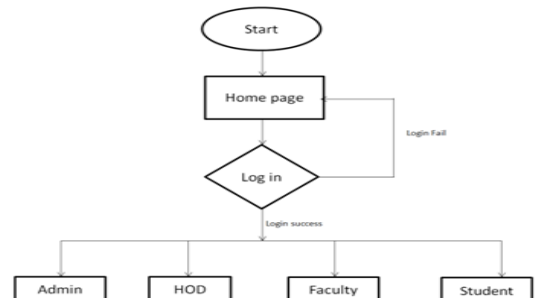


Fig.1. Systems involved in Smart campus

It contains four modules Admin module, HOD module, Faculty module, Student module. End user will be going to login to the system. Every user of the Mentor and Mentee system has a unique username and password. The home page mainly contains a login form through which a new user can register, or an existing user can login to the system by entering the username and password.

a) Student:

The administrator is responsible for entering the new student and managing the student Accounts. The administrator also manages the faculty accounts like entering a new faculty assigning the faculty to the subjects. The Administrator also updates the college related information about events that occur in the college. The administrator will check all the updates i.e. student updates faculty, updates, exam updates etc. The administrator has the highest level of power in the Mentor and Mentee system.

b) Faculty:

The staff can update the information regarding the student's attendance, internal marks of the students and any information regarding the subjects they handle. They can also view the student details for better understanding the student performance and improving the efficiency of the student. The staff also gets the updates from the college regarding any events occurring in the college by the admin.

It is necessary for a mentor to empathize with the wide variety of situations his mentees could face and be humble enough not to impose their own opinions but to tailor advice to the mentee's needs. Mentor shall meet respective batches at least twice in a year. Personal counseling is the main role played by Mentor. Mentor shall certainly meet students of their batches in the first meeting and discuss general matters and make them at ease.

c) Student:

The student is of center focus, because in every college, student plays the very important role. Student can access the information of the college, subject details, training and placement cell information and exam section information. The course details include information regarding branch he is studying, the academic curriculum of the college, year wise subject

offered by the branch, the subject details include the syllabus of the subjects, information regarding the staff handling the subjects, the subjects he presently registered for the semester he is presently studying, attendance and internal marks of the subjects, he can also ask any queries to the staff regarding the subjects.

d) Head of the Department:

The Head of Department updates placement related information. HOD can only view the overall information that happens in the application.

### III.OBJECTIVES

Providing the online interface for students, faculty etc. Decrease time required to access and deliver student records. To make the system more secure. Decrease time spent on non-value-added tasks. A Mobile application for collaboration of faculty and students. Briefing portal for Students. Attendance Management and leave report generation. Instant Chatting (comment section). Information to parents regarding Internal Marks.

### IV.CONCLUSIONS

This portal is used by the admin so there is no data leakage, and it can handle securely. Delivering such software to the department it helps to take place task with ease and that is why it reduces time, money on manpower and efforts. And students can provide feedback about happened events in the department.

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