

Mentorship Interaction System

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Abstract - Mentorship programs around the world were affected due to covid-19. This shift, in the working conditions, demands a new solution. Our research paper aims to provide a solution to this problem, and make mentorship programs accessible to everyone. Mentorship program will help students learn online easier and will make them grow and they can analyze their performance and growth easily.

Key Words: Mentors, Mentees, Mentorship program, Mentorship, mentor mentee interaction program

1. INTRODUCTION

Mentorship Management System is a bridge between mentor and mentee which eradicates the communication gap between the mentor and mentee (student). This project is a common platform to bring both mentor and mentee together and have a free conversation regarding their query or any other problems related to their subjects and so can help them give solutions to their problems.

The main aim of the project is to ease out the mentorship program, for mentors, mentees and both the institute. Mentorship Interaction system is the system that provides guidance to students (mentee) on academic matters. The project focuses on making the interaction between mentor and students completely online and hassle free. This will reduce the headache of interacting physically and therefore will save time. Nowadays colleges approach industries to have mentors for their students. It becomes a tedious task to connect every student to all the available mentors. Also it is very disturbing for the mentors, since the students ping them very frequently. Students sometimes feel uncomfortable to confront mentors directly.

2. MODULES

2.1. Admin/s

They will be a system administrator. He/She/They will maintain the overall system activity. This will be the person appointed for complete system management.

They will monitor the connection between mentee and mentors and will take immediate action in case of any connection loss or issue with mic or anything related to the network. They will be also responsible for any failure in the network connectivity and any background job running.

Any issue faced in connectivity then mentor or mentee can reach out to this team to get their issue resolved as soon as possible.

2.2 Mentor

The Mentor is responsible for resolving queries and issues raised by mentee's under him/her/they. He/She/They will be able to have chats with mentee's in order to resolve their issues. He/She/They is responsible for the growth of the mentee and he must analyze and record each and every point and details of the mentee in which the mentee is good or needs any improvement. He/She/They can be any person from the mentorship providing organisation which means they will only be appointed from mentorship providing site and he can not be anyone from the staff as it will some or the other way will hinder or affect the quality of mentorship providing site. He/She/They can have a word or can give a piece of advice to any mentee if he thinks that the mentee needs improvement or guidance. He/She/They can also give his valuable advice to other mentees who are not under him. Mentors will make a report of mentees performance and will share that with mentee and the end of every month so that even mentee can have a look at his performance and realise where he or she needs to improve and can accordingly make changes in his schedule or lifestyle and this will help Mentee in a long run.

2.3. Mentee

Mentee is the person or student from the user side who will facilitate this facility and access this mentorship site in order to grow and upskill themselves. Mentees can post their doubts and issues to any mentee they want and get the solution for the same. There will be a button as "Login to this class" which when clicked by mentees will enter them into the class of mentor and here they can have chat with mentor and get their issues resolved. The very

valuable and amazing point of this mentorship site is that the mentees can even share their personal problem with mentor and mentors will help them so that the mentee won't be affected example now a days students face many social problems and get themselves into depression and stress which may lead to suicidal cases

- Mentors have to dedicatedly give time out of their work schedule for giving the guidance, which can be very hectic and burdening.

This is the most followed system currently. The complete program takes place offline.

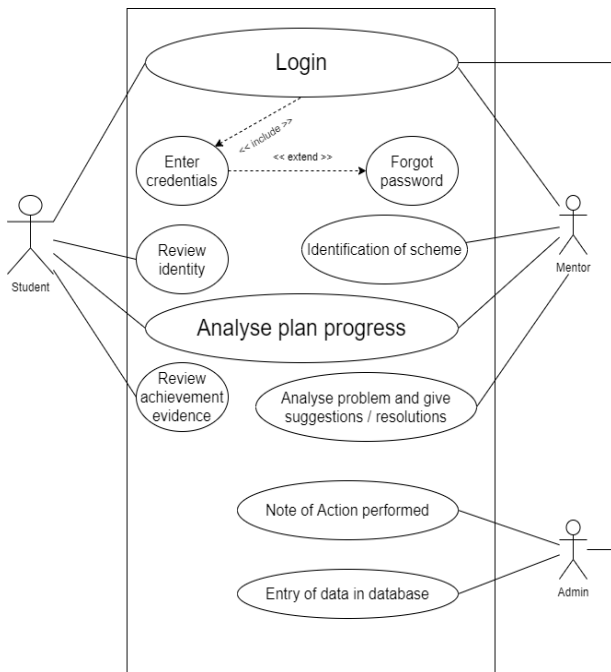


Fig -1: Use Case diagram of mentorship site

3. EXISTING SYSTEM

- Existing systems require the mentor to be physically available with the mentee.
- They report to their respective PoCs (Point of Contact) only.
- Generally Mentees visit the mentor's organisation for the mentorship program.
- Inversely, sometimes mentors have to visit the learner's institute.
- If one of the participants misbehaves, generally the whole mentorship program is affected, since both of the participant's have their own story, and their organisations supporting them.
- No proper reporting of projects and tasks are done, since most of the tasks are manually completed.

4. PROPOSED SYSTEM

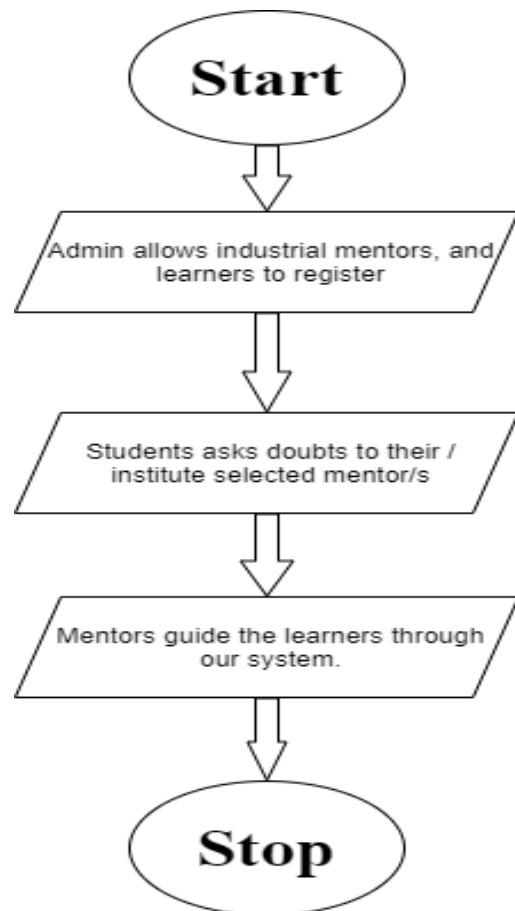


Fig 2. Flow chart of proposed system

In this proposed system what happens is the students will register themselves on the mentorship site portal and the mentors will be registered by the admin team on the mentorship site portal.

The students or mentee are free to choose not only the subject of their interest but also they are free to choose the mentor of their choice. This will build a great connection between mentee and mentor and accordingly will boost the confidence of the mentee and make it comfortable to communicate. Mentee will choose mentors for their respective subject as per their choice.

At first the mentors will be assigned to mentees by the admin but if a student or mentee wishes to take advice or help from another mentor then they are free to have that and there is no restriction as such that any mentee of a particular mentor can not take help from another mentor.

In this proposed system the students or mentees are the main users as they will be posting the queries and ask doubt to the mentors using this proposed system.

The mentee can get the solution of their queries and doubts with the help of mentors using this mentorship site.

On the other side the mentor will be the person who will have access to all the students data and will analyze it and guide the mentee accordingly. The mentor is responsible to answer all the queries and doubts posted by the mentee. He/She/They will provide a solution to the mentee and in case students need to connect again regarding that doubt then the mentee can connect again.

5. ADVANTAGES

- We can access this system on the web so there will be no storage issue.
- We can learn through this system anytime anywhere.
- This will reduce the overhead of interacting physically and therefore will save time.
- No misbehaviour is missed.
- Mentor's don't need to exclusively dedicate time.
- Student's can be frank and open towards asking queries.
- Useful at times of pandemic, hence making mentoring available even in times like these.
- Helps keep private life private for mentors as well as learners.

6. CONCLUSION

Handling and remembering all the queries along with the job is quite a difficult task for mentors too.

There are cases where some students or mentors break the code of conduct and act inappropriately.

To overcome all these problems, we have come up with a solution to help institutes manage all of this.

This Management System is a bridge between mentor and mentee which eradicates(overcomes) the communication gap between the mentor and mentee(student).

This project is a common platform to bring both mentor and mentee together and have a free conversation regarding their query or any other problems related to

their subjects and so can help them give solutions to their problems.

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