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A Survey on Finding Online Tutor using Android App

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ABSTRACT: The main objective of writing this research paper is to identify the scenario of the online tutorial platform and opportunities, challenges ahead. Innovation in education plays a crucial role. In today's technological era, chalk- and talk method do not work to make the student creative. In order to move with technology and children, teachers need to upgrade themselves and shift away from traditional teaching methods to modern methods. The world is on fingertips students can access the information from anywhere in just one click. Due to various features-oriented educational applications students can learn at their place and take their time to understand things. E-learning encourages the students to explore more and makes the learning interesting. In India, many schools are moving towards the virtual reality by offering online correspondence courses to the students. Children love using laptops, and mobiles, schools and parents need to create awareness about the best educational applications which can build their future. In this research the proposed work has the common platform where the tutor and the student can access on their respective available views. In this application students can register and view the availability of the subject expert. The locality of tutor will be displayed in google map for the students to reach the tutors. Based on the students' selection the tutor will be booked for their classes and then they will be intimated through notifications. This system will be helpful for students to find their tutor.

KEYWORDS: Tutor, Online, Android app.

I. INTRODUCTION

A Home Tutor is a one kind of teacher, who provides assistance or tutelage to one or more people on certain subject areas or skills. The tutor spends a few hours on a daily, weekly, or monthly basis to transfer their expertise on the topic or skill to the student. Tutoring can take place in different settings, such as comment's, chat, a formal tutoring center, or the home of the tutor or learner. As a teaching-learning method, tutoring is characterized by how it differs from formal teaching methods on the basis of the (in) formality of the setting as well as the flexibility in pedagogical methods in terms of duration, pace of teaching, evaluation and tutor-tutee rapport[1].

Communication between teacher and student is very much important in teaching process. As teachers are the best guide of the students, students have to communicate with teachers. Not only about study but also a good career and future plan students have many questions in their mind. Students face problems everyday while they are study or do some work related to study or their career. To know the answers of their questions or to find the solutions of their problems students go to their teachers first. This is why communicating with teachers is so important. On the other hand, teacher may need to contact a student or a group of students or some reason. A medium or media that is fully dedicated for teachers and students can help both tutors and students to communicate with each other[2].

With the rising competition emerging between students parent find the task of finding a qualified and experienced tutor tedious. The existing system based on finding tutors for parents or finding prospective students for tutors is a very time consuming and tiring process for the parents, students and tutors. Even after spending hours on the task, the websites currently available do not give relevant results. Our project overcomes these flaws by reducing the time consumed for searching and displaying the results within shortest time. Here is where "Online Tutor" application comes into picture. Android application for finding tutors is to be used in the education center. "Online Tutor" provides information regarding tuitions or coaching for students. It involves management of records, schedules, updates and search. This application is easy to use and understand. The main objective behind making this project is to enhance student and



teacher relationship. Android application for finding tutors has been designed to make it convenient for students and teachers find each other. Students or parents can find tutors for online private tutoring. One can find tutors residing in the same vicinity as that of students. Students can find tutors for home tutoring or group tutoring. The intention behind creating the application is completely non-profit. Tutors can list their profiles so that students can contact them. The application not only updates teacher information in terms of preferences of location, but also has options to choose specializations in their respective domain of education. The application makes an effort to ensure registration of skilled professionals and also encourages and attracts talented, highly enthusiastic and extremely passionate tutors to join the platform in order to contribute to the needs of students. This means the students are not only able to get best learning/training experience but also attain the support required to achieve their potential/goals. “online tutor”[3]. It allows individual teachers and institutes to create their profiles, add skills or experience etc. The application provides a demography with which parents can choose the best tutor by comparing the attributes and skillsets of the tutor.

II. RELATED WORK

Wessam Al Chibani[1] mentioned students who worked one-to-one or online can noticeably see the improvements than the students who relied on the traditional classrooms and he also mentioned that students who worked online scored a highest marks.

Adnan Majeed[2] stated that online education and apps helping the students to enhance their skills by asking questions to the teachers without hesitation. Sources like E-books, Magazines, E-materials and video lectures help the students to read and listen at any time.

Kristen Diliberto-Macaluso and Alan Hughes (2016), showed that after the excess use of mobile phones and internet online educational apps set a standard in every student's life. They also mentioned that students who are using the online apps are highly responsive and actively giving answers than compare to other students[3].

Dr.Yatendra Pal and Ms.RiddhiAgarwal[4] stated that influence of technology upon children and education has been immense. And they also mentioned that educational apps are making things easier for children to understand. Apps are the wonderful tools to engage the kids in studies and in other brain activities, it extend learning and allows the children to move at their own pace.

RamyaGangaiamaran andMadhumathipasupathi[5] mentioned that Students are acquiring the Listening skills than any other skills and also mentioned that how the mobile apps can be studied with the perspective of self-access learning. Through self-access learning students can determine when and where to learn with the online resources.

MohdShoaib Ansari[6] mentioned that mobile learning apps can engage student with their learning environment at anytime and anywhere and he also mentioned, In terms of effectiveness, almost 42.64% respondents find mobile apps very effective whereas 34.64% students find it effective.

Shahjad& K. Mustafa[7] mentioned that Learning apps support 4C's (Communication, Collaboration, Corporation and Creativity) & 4S's (Speed, Simplicity, Security & Sharing). Ms.VaishnaviKhandelwal, Dr RobiAugustine[8] stated that, widespread of internet access by people elearning is witnessing a massive growth, and there are many educational applications have been introduced for the purpose of learning. With the growth in technology both students and teachers prefer to online applications, to implement the new concepts. SruthiPalliyalil and Dr.SandeepaMukharjee[9] stated that she mentioned Byju's is India's largest educational app with over 3, 00,000 annual subscriptions, and one of the most valued Ed-tech companies in the world, has played a major role in transforming Indian education scenario.



Problem	Description	Effect
The tuition centre fees expensive	There are many parties involve such as the owner of the place, tutor and staff that organize the tuition centre	Parent need to find other income to pay this fee especially student that come from poverty family
Unqualified or inexperience tutor	The tutor provide by the tuition centre is not from education background or not expert in the subject that they teach	Student cannot understand what the tutor teaches and will affect the examination
Student and tutor do not have contact each other	The student wants to find the best tutor for the subject and tutor need gather student that want learn the subject, but both cannot contact each other	Student and tutor need to depend on tuition centre to learn and teach the subject respectively

Table 1.1 The Summary of Problem Statement

III. METHODOLOGY

Smart phones or Tablets with android software are boon to this Teacher Educators as well as to the teacher trainees too. Suitable applications for the preparation of Lesson Plans.

A basic requirement analysis has been conducted among Teacher Educators to finalize the exact components of the above said activities records. A draft with data for the preparation of software has been prepared. With the help of experts in the field of Android development, suitable application software has been prepared. An alpha test has been conducted for the prepared software with the help of android software developers and subject experts. All the applications have been uploaded to a specially launched website for beta testing(at the real users- Teacher Educators, Teachers and Teacher Trainees).The feed backs have been carefully analyzed and the software has been modified/enhanced according to the feedbacks and the needs.

After finding apps they want to use, educators can push them instantly to student devices over the air. They can send the apps to individuals or groups of any size, across classrooms, schools, or even districts. Every day number android applications are aired free of cost as well as of rated. There are certain android apps in the field of Teacher education also available. But they are not more specific and are not free to all.

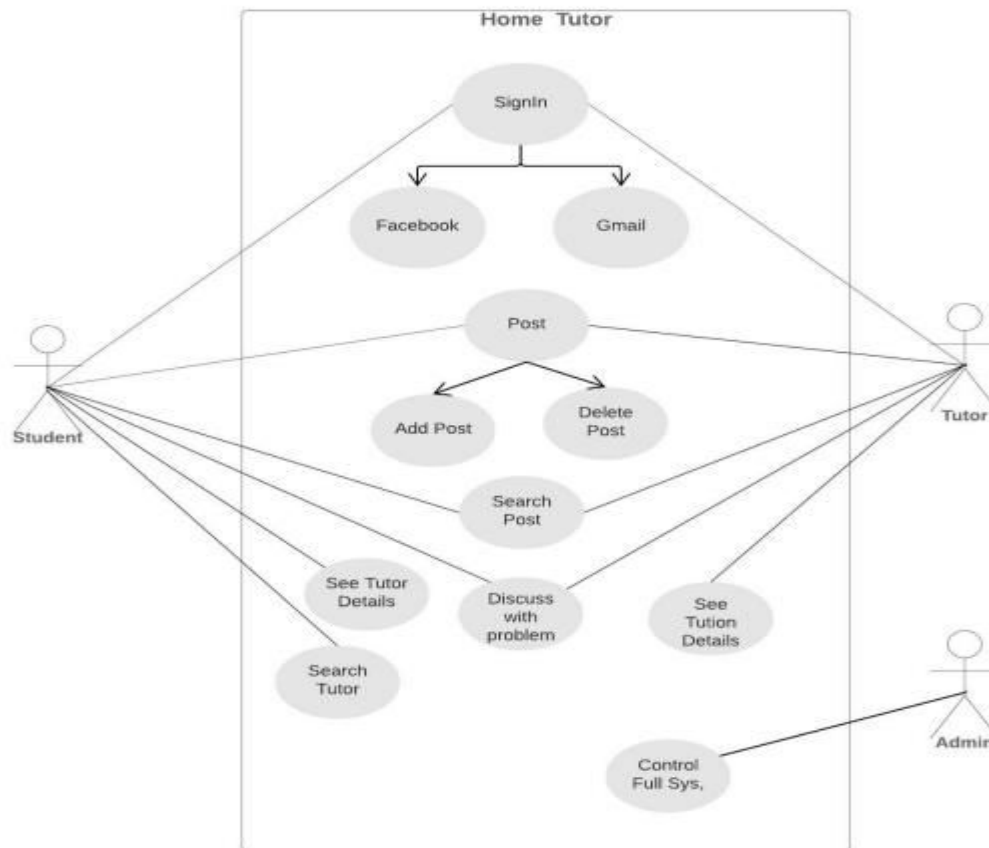


Fig 1 : FlowChart

IV. CONCLUSION

Tutor and Student Communication System is a very exciting topic to work. After going through the work, we faced many challenging tasks that are surprisingly related to our educational system.

It’s an innovative idea. The opportunities that provided through this application are huge. We interact with too many students, list their problems, try to understand the communication gap and come up with this application. Hope it will help them a lot.

This system is used by all i.e., technical/non-technical people, parents/children’s or tutor. With the help of this application parents can find tutor for their on their smartphone and unemployed tutor can register can register him/herself as an employed tutor. For future scope, project may not be limited to only small primary and secondary students may expand with more features like client can find tutor for dance class, French class, singing class, etc.,

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