Abstract:

Numerous of sources are available for the students with respect to their educational and carrier oriented guidance. The student’s nowadays are getting attracted to the latest technology whether it is related to entertainment, official work or education. Most of the students are in dilemma about their need related to the problem because there are number of solutions available for one single problem, due to which the student’s face perplexity and get’s abbreviate and goes with the wrong option irrespective of its drawbacks or complications which leads to intrusion. JITUBE is an application which fulfills the need of the students related to their academics in technical way. It provides an common platform for every student who only wants to focus on their personal carrier orientation and academics. JITUBE will provide all the information in video form, which will be uploaded by the respective organization to which JITUBE belongs too. The organization will decide which videos should be uploaded with respect to the need.

I. INTRODUCTION

JITUBE is a application which consists of videos related to the particular organization to which it belongs too. As this application belongs to educational organization, it will be consisting of videos related to academics and carrier oriented guidance, which will be used by their students and handled by the respective administration team. If the organization wants to forward some information to all the students and the teaching staff, they can simply upload their video in JITUBE so that all of them can see it easily; meanwhile it provides an common platform for both staff and students. On the other hand they will upload the video lectures for their students to clear their doubts 24/7.

The videos will be available in the sorted form with minimum number of repetition. As it’s an educational organization, they can upload their social and technical events, which helps the student to get always aware about the upcoming events and to learn the technical revolution. It also assist the student to find out the solution and elaborate their problem with their respective faculty, for ex. If student is having doubt even after watching the video lecture, they simply go through the other videos related to the same concepts. JITUBE is secured enough in uploading and traversing the videos, because the videos will be uploaded by administrative team and if students want to upload their videos firstly, they have to send their video to the team and if the team find the video information oriented, they will upload that video legally.

The key objective of JITUBE is to assist the students with their academics without wasting time and interruption. There are numerous ways available to find out the solution for the particular problem on internet, but number of websites are having different solution to the same problem due to which the student get confused. Likewise some students use “ABC” as a source for their solution, as it’s a vast network where all kinds of videos are available which leads to the distraction of students from academics to other unuseful stuff. This will ensure the students, that they are getting the accurate material of learning and proper guidance of known faculty.
this the student will be satisfied and not get distracted. It will give the efficient way to students to find out the accurate solution for their problem. By this, the need of online learning for the students will be fulfilled with the digital facilities and security which will make them more clear about their vision and ease the way to catch all the information regarding their studies and carrier development and also enhance the digital development through which the students will always be updated about the latest technology and will be able to use it without any misconvience.

II. PROPOSED PLAN AND SYSTEM ARCHITECTURE

Agile methodology for mobile application development. At TriState Technology we follow agile methodology for mobile app development. With agile methodology, we provide early and ongoing delivery of the s/w and app modules to our valuable clients.

Using agile methodology for mobile application development, we have found At TriState Technology we follow agile methodology for mobile app development that app development process becomes more quick, easy and efficient. It offers tremendous opportunities, lightweight development process, and value to build applications in short cycles with quality check in every step.

Agile methodology execution in TriState Technology

Step1: Our expert BA Team first analysis requirement,

Step2 :Creative designers Design Application & make prototype

Step3: Experienced Developers Build Application and Iteration

Step4 :Our acute QA team ensures excellent Quality Assurance to a mobile application.

Step5 :We look forward to feedback from a client if modifications or issues are there then process will be continue, If it is not then successful Mobile application will be delivered to the client.

1. Users Login

The First phase in this application is the LOGIN. The user can login the app by registering themselves with their respective Google accounts.

2. Google Account Registration

Your Google Account Should be Registered on Gmail i.e. you should have a valid and active Gmail Id. Then you can easily synchronize your Gmail Account to the application and have a secure access.

3. Alert for Year Selection

This section gives you the alert about the year selection, so that the user could get the data in the sorted form without redundancy.

4. Home Page

On the Home Page you get choice to select

i. User Profile

ii. Lecture Tab

i. User Profile: It will provide you the user Information which is fetch by the Google Database.

ii. Lecture Tab: It is consists of available video lectures, i.e. it will contain a list of all the lectures which are available in the Database and another section in the lecture tab is of videos which will directly take you to the videos and play the available videos.

5. Upload Videos

The section of Video uploads Contains Two Section which is -

i. The Video Information: In which you have to provide the info about the video which is to be uploaded in the app via device.

ii. Video Identification: In this section the uploaded video will be diverted to the Admin, so
that the Admin can check whether anything is wrong with the uploaded video or not, then after the approval of Admin the video get Uploaded successfully Or if the admin didn’t find the data relevant than he has all the rights to delete it.

6. Database
The Database is the storage Space Provided by Third Party where the Data related to the Application will be stored, the Organization will have to pay to the third party who is providing the Dynamic Database which will be available anytime anywhere. We cannot store the data of the Application on our own Hard disk as it is not Dynamic and cannot be available 24*7. Therefore we need a Database Provider

Implementation steps:

STEP 1:
This is the first page which asks the user to sign in with Google with their respective email ids for further precedence.

STEP 2:
This step asks the user to choose their fields so that they could get the videos in sorted form.

STEP 3:
This step redirects the user to their video section where they can watch the videos.
STEP 4:
This step is used by the user to upload their videos. The user may either be the respective faculty or student.

III. Future Scope:
1. We can further implement the feature of live sessions.
2. As well as provide the platform for digital books.

IV. Conclusion
JITUBE provides an easy and efficient way to simply find the solution of the student’s problem without any occurrence of distraction or disturbance. It is less time consuming because you will get the accurate method of solving the problem. The student can refer this app whenever and wherever they want too. It will provide the information with the help of video and you can discard your query related to your problem at that moment of time only. The user will get their videos in an sorted form the appropriate solution. JITUBE is one of the appropriate app for educational purposes. Any information that crosses our mind so that students should not get distracted by the other stuff and get mind related to academics we can find the solution in jitube. Students can watch videos, answer questions and discuss the content. Additionally students can create videos to share with other students. It provides various opportunity such as digital learning, peer learning and problem solving.

REFERENCES


