



iJRASET

International Journal For Research in
Applied Science and Engineering Technology



INTERNATIONAL JOURNAL FOR RESEARCH

IN APPLIED SCIENCE & ENGINEERING TECHNOLOGY

Volume: 5

Issue: XII

Month of publication: December 2017

DOI:

www.ijraset.com

Call: ☎ 08813907089

E-mail ID: ijraset@gmail.com

Jitube

Sachin Choudhary¹, Abhishikha Trivedi², Abhishek Patekar³, Sakshi Shukla⁴, Waseem Khan⁵

¹Ass.prof, ^{2, 3, 4, 5}, Computer Science & Engineering, Jhulelal Institute Of Technology (RTMNU University), Nagpur, India

Abstract: *There are several sites and application convenient for student's education reference worldwide irrespective of their personal or we can say professional carrier related academics. Most of the students incertitude about their necessity related to the problem because there are number of solutions available for one particular problem, as a result the students get distracted and confused and opt the incorrect or unsatisfactory solution which leads to intrusion. JITUBE is an application which provides and common platform for the students who only wants to concentrate on their personal carrier oriented academics .JITUBE will provide all the information in video form which will be uploaded by the respective organization to which JITUBE belongs too. JITUBE will help the students to clarify their doubts related to their problems without getting distracted.*

I. INTRODUCTION

JITUBE is an video application which consist of videos related to the particular organization to which JITUBE belongs too. As JITUBE belongs to educational organization, so its will consist of videos related to academics and carrier oriented videos which will be used by their students.

Suppose the organization wants to deliver some information to all of the students and their teaching staff, they can simply upload their informational video in JITUBE so that all of them 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 anywhere anytime.

The videos will be uploaded by the respective administrative panel by sorting according to the need and class as well as they can upload the videos of their social and technical gathering.

It helps the student to find out the solution of their problem from their respective faculty, for ex. If student is having doubt even after watching the video lecture they can write their doubts in comment section so that the faculty can see it and resolve your doubts by uploading more accurate video which solves the doubts or they can explain you by replying in the comment section s that the other student can refer the same explanation, this resolves the problem of redundancy of the doubts generated by the students.

From the security point of view, JITUBE is secured enough in uploading and traversing the videos, because the videos will be uploaded by administrative panel and if students want to upload their videos firstly they have to send their video to the panel and if the panels find the video information oriented, they will upload that video legally.

The key objective of JITUBE is to help out the students from their academics related problems without wasting time and without getting distracted. Now days, there are several ways available to find out the solution for the particular problem in internet, but number of websites are having different solution to the same problem due to which the student get confused likewise some students use YouTube as a source for their solution, as YouTube is an vast network where all kinds of videos are available which leads to the distraction of students from academics to other un useful stuff .

JITUBE will help the students by only providing them the educational videos so that they could not get distracted by the other un useful stuff or by wasting time on the other websites for finding out the solution. It will give the efficient way to students to find out the accurate solution for their problem.

II. LITERATURE SURVEY

The main purpose of our research is to make the education quality more enhanced and understood able for the ease of the students. The education system in India is increasing progressively [\[1\]](#) for the development of the country. Our government is providing various ways to provide education to almost all the students across the country so that the literacy rate should increase and every single person should be educated. Online learning is one of the appropriate method for gaining knowledge digitally. Online learning helps to learn whatever you want related to any field with comfortless and low-cost. It always provide an updated information regarding all the subjects. Online environment is changing rapidly and represents the great opportunity for learning. It is very important to know how to learn using all available communications channels and choosing the one which suits you the best. Online learning is a great alternative for the traditional universities or especially for the people who can't afford the time and money to take the real courses. There are several ways for student to study online anywhere anytime as if they are not able to go school due to some critical condition or they are having some doubts which they wanted to be solved at that time only. The internet world is growing rapidly due which the data available in internet is easy to find, several websites are available for several fields which are

redundant as every next hour for the similar data a new webpage is being developed. The data available in every websites are different or sometimes same for a particular content due to which we are in dilemma that which answer is scientifically correct or the method which is used by the author is similar to our method or not. There is a lack of direct expert monitors, practical implementation and structured guidance in online learning. Our application is somewhat related to YouTube as it conveys information via videos as YouTube does. YouTube is big data which consist of almost all information regarding the real world whether it is relevant or irrelevant. It is great platform for all the people to show their talent in front to all the world and for the other ones to use that information to fulfill their goals. But if talk about the student's need for their education purpose, YouTube doesn't play a vital role in fulfilling the needs of the students as per their requirement because in YouTube there are various solution available in different ways for one single problem due to which the student get confused and opts the wrong the answer on the other hand there are various other stuffs in YouTube which occurs while surfing due to which the student get distracted similarly there are 18+ content available in the YouTube which should not be watched by the students below 18 but anybody can watch it which is not good and illegal. Now days, student's want to learn digitally so that they could gain knowledge anywhere anytime, which is an excellent idea because digital study makes the students more aware about the technical things similarly there are some people who makes the misuse of online learning as if some websites has given the authority to upload the data by users portal, they upload the wrong answers without even knowing the drawbacks of it. The goal of our project to satisfy the students need without any kind of confusion or distraction with the appropriate study material so that the student could refer it for their use. This application is an alternative of their college as the video available will be uploaded by their respective faculties of their own classes which are held in the premises so that the students who are not able to attend the classes due some condition can refer it for their use. It will be only consisting of the videos related to education, no other videos related to any field can be uploaded. This will make the student more confident about their answers and methods which they are using. As it will only contain the educational videos so there is 100 percent guarantee that the student can never be distracted while referring the application and they will be providing with the more additional videos regarding their respective field and carrier guidance too via their respective faculties. The most important phase of any digital surfing is security, because once the page is been hacked it will be ruled by the other one who will make a misuse of it and the user without knowing the problem will simultaneously use it which leads to distraction. This application is secured as it will be only handled by the administrative panel of the respective organization and the authority to upload videos will only be given to the faculties and if the students want to upload there videos they first have to clear there video for the administrative panel. So it will provide an tremendous platform for the students to gain knowledge digitally and enhance their qualities. 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.

III. 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 Tri State 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.

Benifits of agile methodology:

Visibility

Cost control

Simple design

Personalization

Ability to adapt changes

Focuses on business values

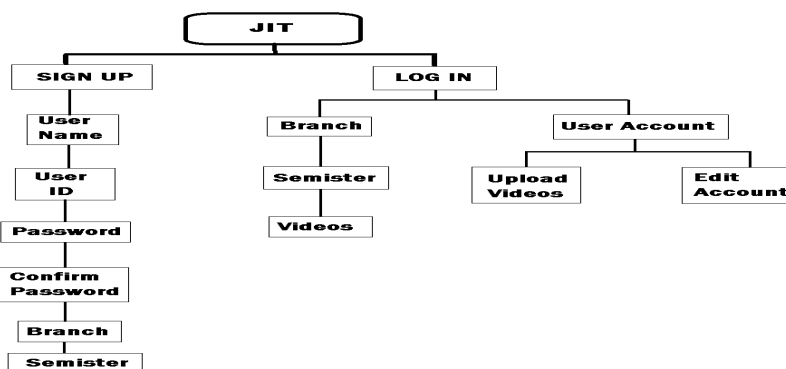
Predictable costs and schedules

Even late changes in requirements are allowed

A. *Agile methodology execution in TriState Technology*

1) Step1 : Our expert BA Team first analysis requirement,

- 2) Step 2 : Creative designers Design Application & make prototype
- 3) Step 3 : Experienced Developers Build Application and Iteration
- 4) Step4 : Our acute QA team ensures excellent Quality Assurance to a mobile application.
- 5) 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.



The above diagram is the expected output/working of our system, description is as follows –

- a) User has to install the JITUBE app.
- b) User has to sign up by fill the details of themselves like username and user id
- c) After that user has to generate an password for their security and again confirm that password .
- d) Then they have to give the details of their academic like their branch and semester.
- e) First phase completed.
- f) The user can login now.
- g) The login phase is consist of two parts :
 - Part 1: login by entering their branch and semester and watch the videos.
 - Part 2: it consist of user account where user has given the authority to upload their academic videos and edit their account whenever needed.

IV. CONCLUSION

JITUBE provides an easy and efficient way to simply find the solution of the student’s problem without any occurrence 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 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

- [1] X. Bao and R. Roy Choudhury, “MoVi: Mobile phone based video highlights via collaborative sensing,” in Proc. 8th Int. Conf. Mobile Syst.,Appl., Services (MobiSys), 2010
- [2] X. Liu, M. Corner, and P. Shenoy, “SEVA: Sensor-enhanced video annotation,” ACM Trans. Multimedia Comput., Commun., Appl., vol. 5,no. 3, Aug. 2009.
- [3] S. Greenhill and S. Venkatesh, “Distributed query processing formobile surveillance,” in Proc. 15th Int. Conf. Multimedia (MM), 2007.
- [4] S. A. Ay, R. Zimmermann, and S. Kim, “Relevance ranking in georeferencedvideo search,” Multimedia Syst., vol. 16, no. 2, 2010.
- [5] J. Hao, S. H. Kim, S. A. Ay, and R. Zimmermann, “Energy-efficientmobile video management using smartphones,” in Proc. 2nd Annu. ACMConf. Multimedia Syst. (MMSys), 2011.
- [6] P. Simoons, Y. Xiao, P. Pillai, Z. Chen, K. Ha, and M. Satyanarayanan, “Scalable crowd-sourcing of video from mobile devices,” in Proc.11th Annu. Int. Conf. Mobile Syst., Appl., Services (MobiSys), 2013.
- [7] P. Jain, J. Manweiler, A. Acharya, and K. Beaty, “FOCUS: Clustering crowd sourced videos by line-of-sight,” in Proc. 11th ACM Conf. Embedded Netw. Sensor Syst. (SenSys).



10.22214/IJRASET



45.98



IMPACT FACTOR:
7.129



IMPACT FACTOR:
7.429



INTERNATIONAL JOURNAL FOR RESEARCH

IN APPLIED SCIENCE & ENGINEERING TECHNOLOGY

Call : 08813907089  (24*7 Support on Whatsapp)