Tech-Fest Management System

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ABSTRACT— *College Tech-fest Management System is essential for an institution or to a college or to a university, as it uses web technology and reduces manforce. This system describes the design of a framework and implementation of an tech-fest management system. Server brokering between tech-fest producers and college student, this system store information of the events and that are used to send events information for students using E-Mails and SMS systems. The project Tech-Fest Management System has been developed for all colleges student. The application is mainly focused on Tech-Fest based service to the students, College network in web application this application helps to maintain the users account, its various details and all types of information. The main idea of this project is used to maintain the College Tech-Fest information and organize the event and to send the Student Registration time through the student using mobile application based on Android app. In this system we developed a workflow to integrate both qualitative analysis and large-scale data mining techniques. We focused on college Tech-Fest management along with Workshop/seminars, Competition for students. Using the android system fetch event location using college website.*

 Key words*: -Admin module, Student model, login model, Registration model, view competition detail model, view event location model, view events model, view workshops/seminars details model.*

1.   INTRODUCTION:

The project Tech-Fest Management System has been developed for world College User for android market. The Application is mainly dedicated on Event based service to the college network in mobile application this application helps to sustain the users account and its numerous details. The main advantage of using this application is it reduces the direct communication to student and avoid the mall function of students to event join and participating for android to android where ever it is. The process in this project is to be regulated the Colleges network responsibility of the vision of my captured details , commenting and Event list of student to maintainers to this mobile Token Verification , & Token Send to Student Registered mobile Information is to favorites details of the Event Organizer details with contact no. The Project Coding is based on several Tools are used to develop this mobile application (java jdk) are so well connected that the project resembles to the computerization of the web services operation of the firm. The database design and coding techniques has highly boosted and optimized. This makes the application an overall user friendly and easy for naïve users. The app is surprisingly simple: just load it up, and it starts saving Students details saved from Event details organizer details and in-charge person. It doesn't need root. Any device that has access to Sql should be able to run the app with the help of android app.

1.1 AIM OF THE PROJECT:

The aim is to easily manage all events of colleges and this event information and student related workshop/seminar, competition and tech-fest details, this information student can access from anywhere, anytime. We aimed at developing workshop/seminar, competition and Tech-fest management system model for users to handle the event. Event management system help users to get right information at right time and user can manage events easily to achieve the main goal.

1.2 OBJECTIVES OF THE PROJECT: The objectives of System development and event management are:

1. Provide management with an independent charge of the progress, quality and achievement of event/program objectives at defined milestones within the event/program.
2. Provide management with an valuation of the internal controls of recommended processes at a point in the development cycle where enrichments can be easily implemented and processes adapted.

1.3 SCOPE OF THE PROJECT:

It may help collecting perfect management in detail. In a very short time, the collection will be apparent, simple and practical. It will help a person to know the management of passed year impeccably and vividly. It also helps in current all works relative to Tech-fest management system. It will be also reduced the cost of collecting the management and collecting procedure will go on smoothly.

1. It satisfies the user requirement.
2. Be easy to understand by the consumer and operator.
3. Have a good user interface.
4. User friendly.

1.4 PROBLEM STATEMENT:

The topic of our research is factor contributing to better event management in an organization. There was a strong necessity of this type of research for the event managers so that they can accomplish their tasks successfully and efficiently. Previously, some of the work had done on some of its related topics but our purpose for this research is to exactly find those factors which help the event managers to organize the event better and efficiently. During different phases of organizing events:

1. Some problems come at planning stage of events.
2. Some problems come at scheduling stage.
3. Some occur on the day of events.

2. EXISTING SYSTEM:

Existing System is not computerized and it is very difficult to manage and inform any details regarding events that are going to be conducted by the college. In addition to this it is more paper work and time wasting process. We have to face high-level risk to preserve it. In this existing system student cannot get information about the college event and details about the competitions, seminar/workshop at anytime, anywhere. After that developing LAN based computerized event management system. There is all information is computerized but this information is access only in LAN. Student or Teacher accesses all information if connected with same LAN connection. Student cannot get all information about competitive exam details at one place.

2.1. DISADVANTAGES OF THE EXISTING SYSTEM:

1. Lot of paper work is required.

2. Man power is required more

3. It is time consuming process

4. Students cannot access information easily from anytime anywhere**.**

5. View only specific college tech-Fest information.

6. Workshop/seminars details not available easily.

7. Tech-Fest management offers many avenues and it was not possible to cover all of them.
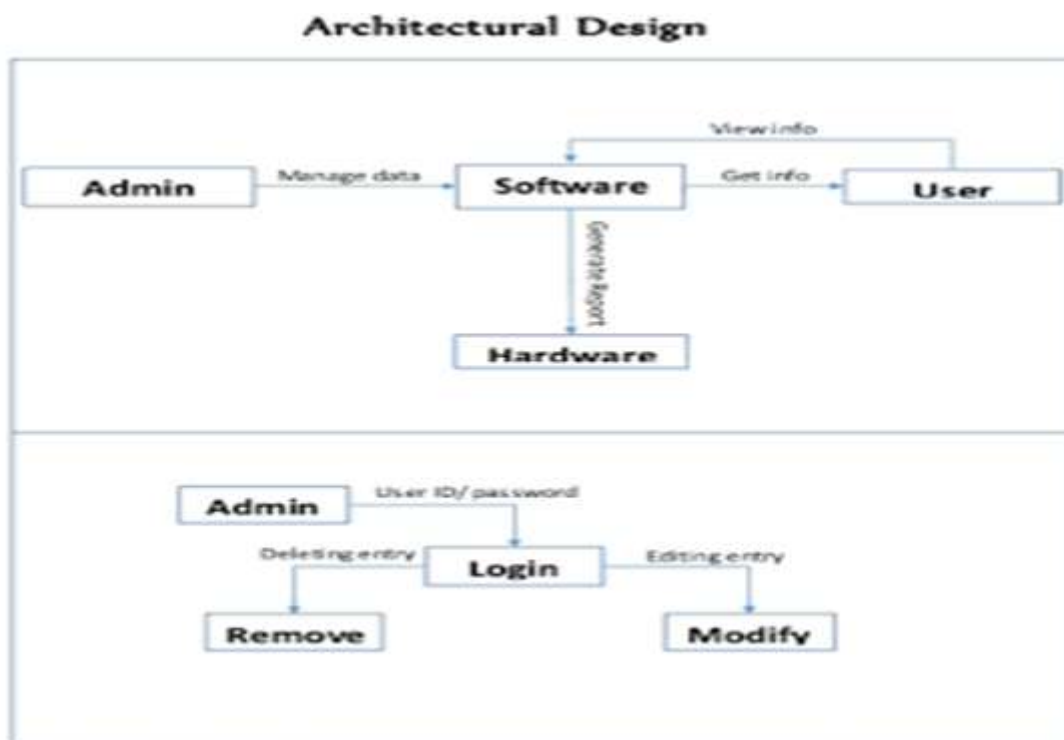
3. PROPOSED SYSTEM:

This proposed Android application for College Tech-Fest and events Management System is very helpful for college events. This application being as a platform to know the events, and to apply for the events. To understand use of this application consider the flow of actions happening , by this application college can register the students, after registering , college can login , after login, college can post the Technical fest/ event details including name, logo address , venue of the event, date , event conducting time , cost of events to participate and all workshop/Seminars and competition details etc. In this proposed system admin can save details about events with the event location and students related all activities details into system. Students who are participating in the event can view details posted by the colleges. In this system when event administrator add event this android application gets notification using GCM and save into server site database.

3.1: ADVANTAGES OF THE PROPOSED SYSTEM:

1. Event information is easily managed by admin.

2. Students can get all information about events and competitive exam details easily through android application.

3. Students get all information about workshop at one place.

4. Any user of this android application gets information at anytime, anywhere through this android application.

5. Students get recommendations about the events.

6. Students can rate the application as a feedback.

7. Admin save event location using this application.

8. Students easily review the event location through the Google map.
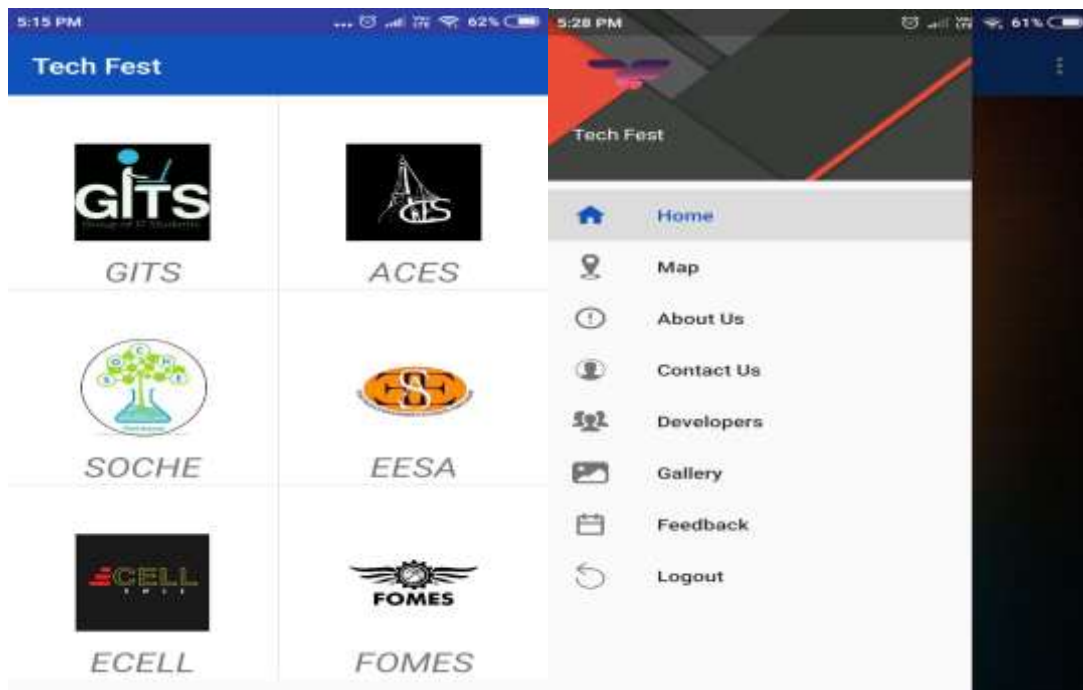
9. Reduces lot of paper work.
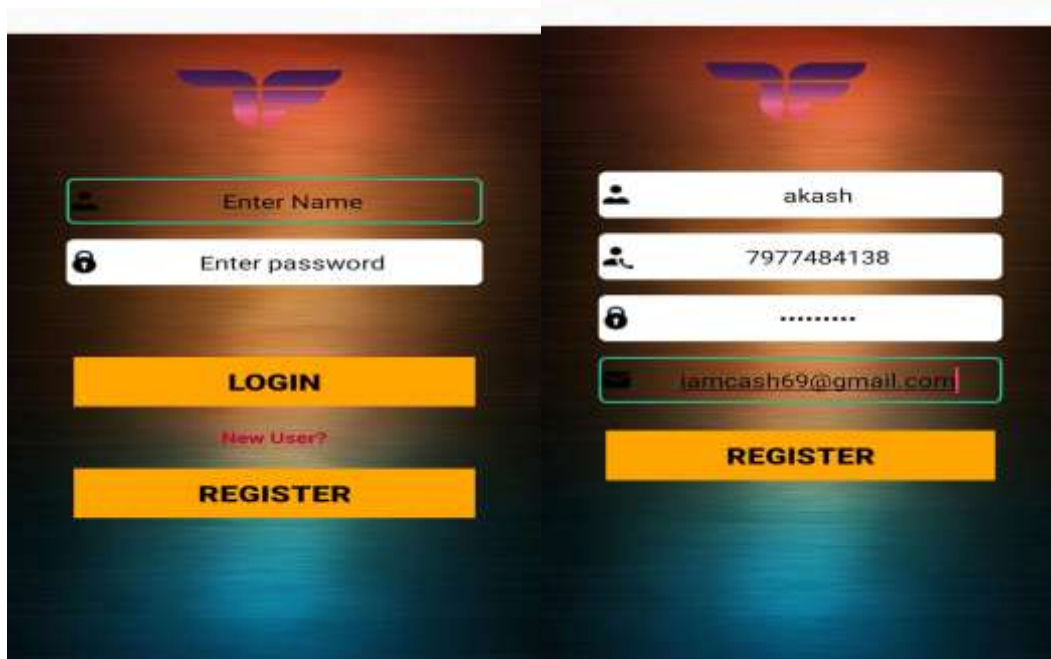
10. User friendly.
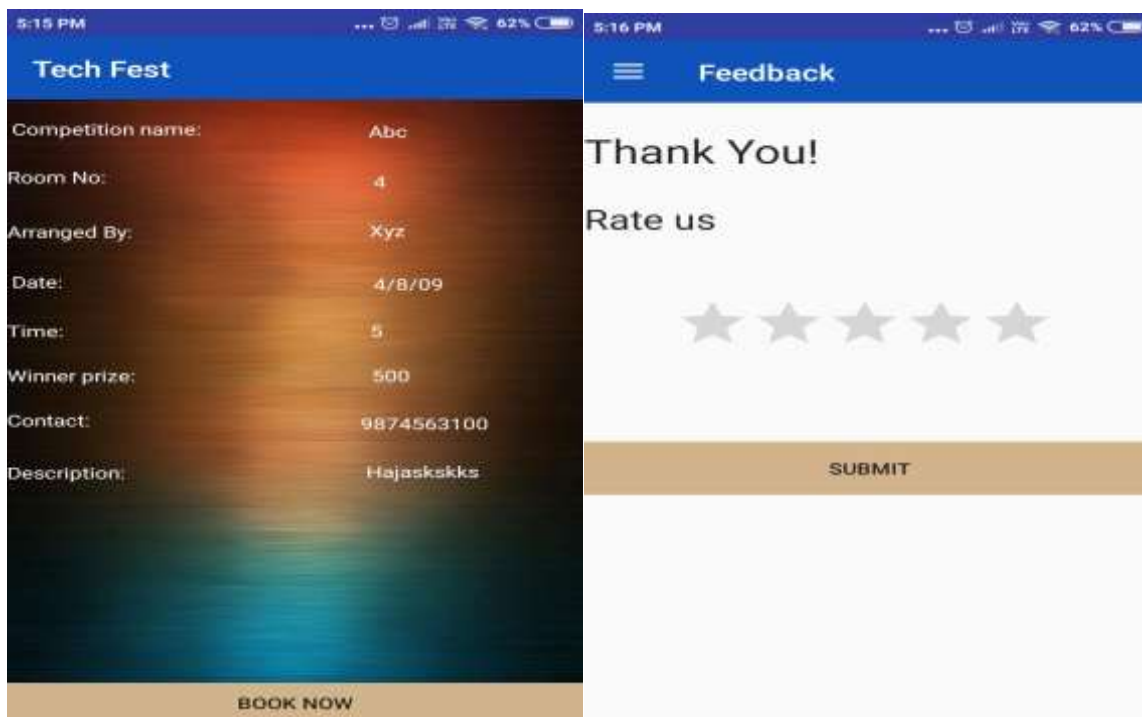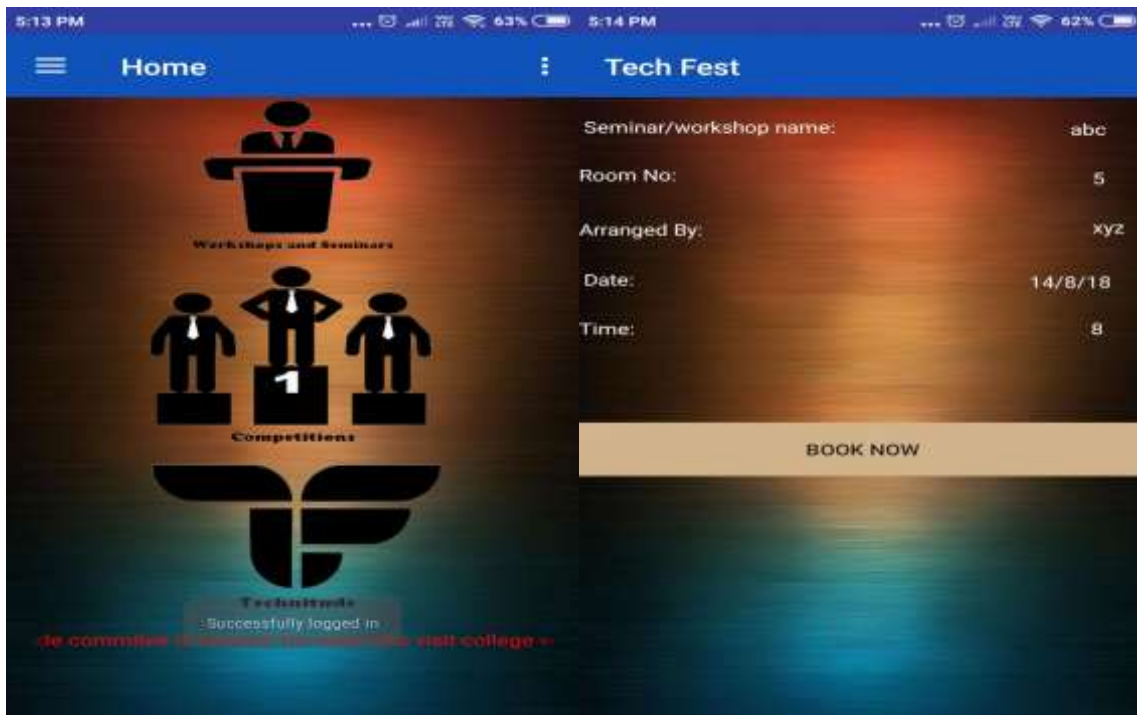
4. ARCHITECTURAL DESIGN:

4.1. APPLICATION: Using the same scenario of the System, we can implement following mobile applications for:

1. Society Event Management.

2. Medical Event Management.

3. Finding Students Learning Experience.

4. College Campus Management.

5. SYSTEM OVERVIEW:

6. FUTURE SCOPE:

Allow more than one event handling at a time per subscriber while processing one event, a subscriber can accept another event (in queue), this should of course only apply to higher priority events. Implement a better mechanism for sorting events, which includes grounds like publish time, processing time and subscriber ID.

7. CONCLUSION:

Large amount, variety and widely involving are the characteristics of the college events, exam details therefore the system proposed in this paper college event and exam details management and recommendation system. The event management system is advantageous for the students that help the user to provide information concerning the event that are conducted

in college. Using this android application information about the college events are competitive exam easily access, admin of the college save details about the exam and events into server. Fetch twitter data of the students for analysis, using this data analysis system recommend event details to student.

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