Review on College Event Organizer

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Abstract - *In these days almost every college is conducting technical / non-technical events where we can gain some knowledge by participating. College, which is conducting events, this project can be organizer for the various events offered by them. This provides college management to schedule events online and assign student volunteers for an event. Event Managers can upload information related to the event in the form of text, audio, video files. The students and participants can view these files online and download.*

Event organizers create schedules for events using android app interface and assign student volunteers at the time of schedule creation. The students register with the site and some of them register as coordinators. Only event organizers and volunteers can upload event content to the site.

College Event Organizer also provide facility to provide all information about all events which are being conducted. So, every student should get proper knowledge about events and he can participate if he wants.

College Event Organizer can be extended to organize the events conducted in a city so that this will be an online portal for any type of event conducted in a city.

Keywords: *College Event Organization, Android, Google Cloud Messaging.*

1. INTRODUCTION

1.1 PROJECT IDEA

The project idea is to develop a system which will useful for any information regarding particular event can easily access to the event staff coordinators, HOD, student coordinator and participants.

1.2 MOTIVATION OF THE PROJECT

The motive behind the project is to develop an application which will dedicated for the purpose, Event organizers create schedules for events using android app interface and assign student coordinators at the time of creation of schedule. The students can register on the application and some of them register as coordinators. Only events organizers and coordinators can upload event related information on the application. The participants can view events on application and they can apply online.

2. LITERATURE SURVEY

Event Management System
Author: Mahalakshmi, S.Gomathi and S.Krithika
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The project **Event Management system** has been developed for college User on android market. The application is mainly focused on Event based services to the company, college network in mobile application. This app help to maintain the information of users account and its various details. The main advantage of using this application is it reduces the direct communication between student and event organizer and avoid the difficulties of the student to enter into event and participating by using android application. No matter where the participants and organizer is. Java is use to develop the web application for the project. Highly enhanced and optimized database design and coding techniques has been used. This makes the application user friendly and easy to use for naive users. The app is explicitly simple. It does not need root or admin. All device that uses SQLite that should able to run this android app correctly.

3. PROBLEM DEFINATION AND SCOPE

3.1 PROBLEM STATEMENT

Event is organized in almost all the colleges but all the work done is manually. The events are decided and then asked to students whether they will coordinate or not then all the details are maintained in files manually. Many colleges have websites for events that they organize but this website is used for displaying the various events details that are going to be conduct in those colleges for informing the other college students. Students also not get the proper platform for finding events which helps to build their resume. There is no such android application or web application for Event management or organization by which automatic record will maintain, also show all events to participants by which they can apply online and event can be organized.

3.1.1 GOALS AND OBJECTIVES

The main goals of the project are:
-To reduce the communication gap between students / participants and event coordinators of the events.
-Online registration / application of participants.
-Proper utilization of the schedule and digital resources.
-Easy to assign students for campaigning.
-To reduce the overhead of the organizing committee.

3.2 STATEMENT OF SCOPE

Our product is a communication and management application which will useful for event organization purpose. Our product will be used to communication purpose, event timing scheduling, sending various important documents, reports, bills etc. It is a college level application which will fulfill the communication, effective management and time-table scheduling requirements of the staff and students coordinators of the particular event, online registration of the participants. It is not meant for general social networking use. However, it will not provide all the facilities and services provided by social networking applications like facebook and whatsapp but provide enough functionality like messaging, sending files or reports regarding events like poster of event or demo of certificate, payment receipt etc., creating and managing groups for campaigning or for assigning different tasks, modification in schedule, notifying the changes in schedule etc.

3.3 METHODOLOGIES OF PROBLEM SOLVING AND EFFICIENCY ISSUES

- The proposed system will use Google Cloud Messaging (GCM) to establish communication between different client applications and the system server. The GCM handles all the messages to be sent to client devices / applications from web server and vice versa. All the issues which can be raised in the communication are taken care by GCM. The GCM uses waiting queue to store messages if the target client device is offline / inactive. When the device is online / active, then the messages are sent to it. By using GCM, it will increase the efficiency and reduce the complexity of the proposed android application system. The developer need not to worry about the communication mechanism which is the major issue in manual communication mechanism.

3.4 OUTCOME

The outcome of the proposed system will be,
- The communication gap between teacher and student coordinators will be reduced / minimized.
-Students can view all events and can participate as per their interest.
-The any changes affected in the schedule will be easily notified to all student coordinators and participants of the events.
-Day to day reminders to participants about their event.
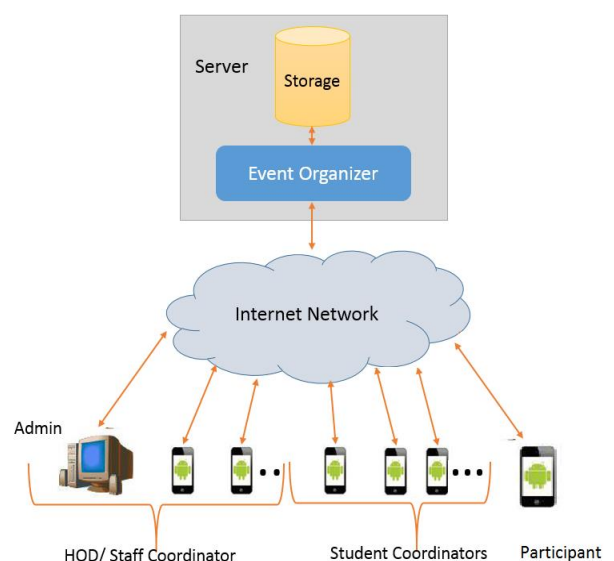
3.5 APPLICATION

The proposed system is dedicated for the Events Organizing purpose. The applications of the proposed system is,
- To communicate/messaging between event organizer and participants formally.
-To notify the changes done in the event schedule.
-To exchange the data between students and staff coordinators.
–To display all events to participant and they can apply online.
-To convey any important message to students coordinators or participants.

4. DETAILED DESIGN

4.1 ARCHITECTURAL DESIGN

Following diagram shows the architecture view of the proposed system. The system web app will run on the cloud platform which will be use the PaaS (Platform as Service) service of the Cloud. We are using the Google App Engine (GAE) as the platform for cloud to deploy the system web application. The client application will be run on the android device. The client application will use the internet for establishment of the connection with the system web application. The Google Cloud Messaging (GCM) is used between the client application and the System web server application. GCM handles all the issues that rise in between the communication of system web application server and client android device. The System web application server will store the data about clients in the database provided by the Google App Engine (GAE).

5. SUMMERY AND CONCLUSION

Summary

So, basically main aim of proposed system is to develop an Android application which can be useful for events organizing and event publicity purpose. The proposed system will be useful for communicating with staff coordinators and students coordinators, conveying important messages to participants, exchanging important reports, bills, queries, etc. and participant students can view and register for events online.

Conclusion

We have prepare new system after identifying issues in existing manual system. In which easy to use GUI is proposed by which Student coordinators, Staff coordinator can view all the records which are necessary. Participant students can view and register for events online. The record maintenance are use of previous records becomes easy and effective communication between staff coordinators and student coordinators.

Thus we will implement College Event Organizer system to address the problem faced by event organizers with respect to communication and working methods.

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