DEVELOPMENT OF ANDROID APPLICATION –

SMART EVENT CONCILIATOR

M. Kavitha [1] , S. Arun [2], R. Harikrishnan[3], E. Dhayaneethy[4]

[1] *Assistant Professor, Department of Computer Science and Engineering, Dhirajlal Gandhi College of Technology, Tamilnadu, India*

[2] *Final Year Student, Department of Computer Science and Engineering, Dhirajlal Gandhi College of Technology, Tamilnadu, India*

[3] *Final Year Student, Department of Computer Science and Engineering, Dhirajlal Gandhi College of Technology, Tamilnadu, India*

[4] *Final Year Student, Department of Computer Science and Engineering, Dhirajlal Gandhi College of Technology, Tamilnadu, India*

---***---

Abstract - Event management is a robust and fast growing field with rather low level of standardization. Now-a-days, event management system has been considered as a part of the project even though it has some concept and issues . The main vision and content of this project is used to conserve the College Event information and organize the event on mobile app using mobile application technology . This application also involves college details which will be useful for fresher's while joining the college. The tools comprise of Android SDK development, Java, Eclipse in mobile applications which will be demonstrated when a legitimate person uses the software. Hence the back end tool will be developed on the windows environment which is a platform independent i.e. the back end tool mainly constitutes of SQLite database.

*Key Words***:** *Android , College Event Organization, Storage, Tools*

1. INTRODUCTION

The project vision is to develop a system which will be beneficial for any information regarding particular event. The particular event coordinator and participants can make a easy access to the system. The Event Management System has been implemented and developed in the android market for the college naïve users. The project is mainly absorbed on event based service which will be employed in the mobile application for the corresponding college network. The database design and coding will leads to high complement and optimized technique. This application makes the naïve users an overall user friendly. This application is quite simple: just load it up, and it starts screaming the student details saved from Event details organizer. It also includes placement details of every students of that current academic years. It requires active internet connection.

2. LITERATURE SURVEY

Event Management System Author: Mahalakshmi, S.Gomathi and S.Krithika Published by: International Journal of Trend in Research and Development, (IJTRD) Volume 3 Issue 2 Page 121-123, Mar - Apr 2016, ISSN 2394-9333 The project Event Management system has been developed for college user on android market. 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. ANDROID PLATFORM

Android is a software stack for devices that includes an operating system, middleware and key applications. The Android SDK provides the tools and APIs necessary for developing applications on the Android platform using the Java programming language. Android is a Linux-based operating system for mobile devices such as smart phones and tablet computers. It is developed by the Open Handset Alliance led by Google. Google purchased the initial developer of the software, Android Inc., in 2005. The unveiling of the Android distribution in 2007 was announced with the founding of the Open Handset Alliance, a consortium of 86 hardware, software, and telecommunication companies devoted to advancing open standards for mobile devices. Google releases the Android code as open-source, under the Apache License. The Android Open Source Project (AOSP) is tasked with the maintenance and further development of Android.
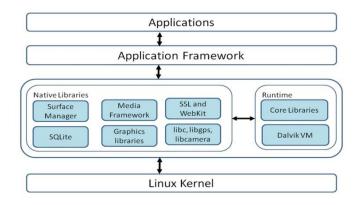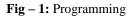
Chart - Working of Android

4. PROPOSED SYSTEM

This platform will be beneficiary for all the staffs and students who are all using this application. It will give a tiny information to the fresher's before they communicating with the college. The events which can be conducted by the college will be shown in this app. Students will be able to register the events till the due date. The analysis will be accessed by the administrator. The Event page contains event name, venue, time, event cost and event coordinators. Event winners will also be displayed in the application. Students who are participating in the events can view details posted by the college. In future, we going to implement the no dues management by online using the concept of encrypted negative password.

Fig – 1: Programming

Fig – 2: Programming

4.1 DATA FLOW DIAGRAM:

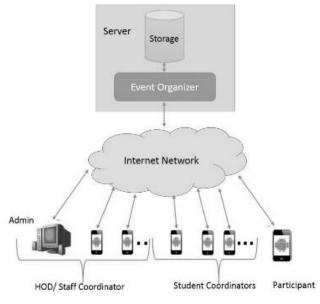**Fig – 3:** Checking Event List

Fig – 4: Event registering

5. FRAMEWORK

By providing an open platform for developing, Android offers the ability to the developers to build extremely rich and innovative applications. Following all applications is a set of services and systems, including: A extensible set of Views that is to be used to build an application, including lists, grids, text, buttons, and even an embeddable web browser Content Providers enable Output is the important and direct source of information to the user for efficient. It improves the system's relationships with the user and helps in making decision. The output design is designed in such a way that is viewed and understood by the users easily.

Fig – 5: Flow of application

6. CONCLUSION

The record maintenance will become easy and effective communication between staff and student coordinators. It is useful for the students that help the user to provide information regarding the event that are conducted in college. Easy to access the system from anywhere at anytime.

7. REFERENCES

[1] Event Management System: International Journal of Trend in Research and Development, (IJTRD) Volume 3 Issue 2 Page 121-123, 2016, ISSN 2394-933.

[2] Review on Academic Information Exchange Messenger (AIEM): International Research Journal of Engineering and Technology (IRJET) Volume 3 Issue 3 Page 889-891, Mar 2016, ISSN 2395-0056 [2]. Google Cloud Messaging (GCM): cloud messaging service.

[3] Glenn Bowdin, Johnny Allen, William O´Toole, Rob Harris, Ian McDonnell, Events Management, Routledge London and New York 2011.

[4] Oliver Thomas, Bettina Hermes, Peter Loos, "Reference model - based event management," International Journal of Event Management Research, Volume 4, Number 1, 2008.

BIOGRAPHIES

Ms. Kavitha Murugan is currently working as Assistant Professor in the Department of Computer Science Engineering in Dhirajlal Gandhi College of Technology, Salem. She obtained M.Tech (Information Technology) from KSR College of Engineering. Her current research interest include Image processing.

Mr. Arun Soundhiram is currently a Final Year Student in Department of Computer Science Engineering in Dhirajlal Gandhi College of Technology, Salem. His current interest include Data Science.

Mr. Harikrishnan Ramaraj is currently a Final Year Student in Department of Computer Science Engineering in Dhirajlal Gandhi College of Technology, Salem. His current interests include Machine Learning.

Mr. Dhayaneethy Elangovan is currently a Final Year Student in Department of Computer Science Engineering in Dhirajlal Gandhi College of Technology, Salem. His current interests include Android Development.