

Event Compass - An Event Management Application

Sudhisha Zare¹, Athira Nair², Prof. U. N. Abhonkar³

¹Sudhisha Zare, Dept. of Computer Engineering, Sandip Polytechnic, Nashik, India

²Athira Nair, Dept. of Computer Engineering, Sandip Polytechnic, Nashik, India

³Prof. U.N. Abhonkar, Dept. of Computer Engineering, Sandip Polytechnic, Nashik, India

Abstract - Managing an event is a tedious task. It involves a lot of paperwork and manual efforts. Certainly, it is not very easy for one or two event managers to handle each and everything and to assure that everything will be perfect, while the hosts expect the event to be successful, especially if they're going to spend a huge amount of money for it. Sometimes, there may be a possibility for mismanagement of the event. This gets undesirable for the concerned hosts and even the guests. In today's era of technology, everyone owns a cellular phone. From teenagers to the elderly, all have a Smartphone. So our project is to design Event Management Android App (EMAA). It will simplify the task of handling the small or big events. Our project will make it easy to handle or manage the events for an individual or an organization on their own without getting help from anybody. Hence, making that event cost-effective for them.

Key Words: application, feasibility, system, database, SDK, JDK, Intel 64.

INTRODUCTION

The proposed application aims to eliminate all manual intervention and increase the speed of the whole process. This system allows the user to browse for the various service vendors' options in the city, compare the rates accordingly and choose what is best suited. After the user has selected, what type of event has to be managed, he will see a window comprising of a chart with all the necessary service providers and their respective details. The user selects all required services. After everything is finalized, the user gets a estimated summary of the invoice details. Else he/she has the option to cancel or postpone the event.

EXISTING SYSTEM

In existing system there is a lot of paper work and manual processing. While writing paper records, the management has to keep the records very carefully as the entire data is written in those books or the register, which might be needed in the future. Since everything is paper based, the entire process becomes very time consuming. Also, more than one person cannot access the data at same time.

Furthermore, it gets very difficult for an individual or a group of persons to manage all the required things for an event and arranging them personally by contacting or visiting the services providers. It is seen that while handling the events the person has to suffer from so many

misunderstandings. Problem may occur sometimes due to writing some wrong information and hence the entire event gets spoiled making everyone disturbed.

RELATED WORK

This system will allow the user (i.e. client) to browse various services for the available options in the city and compare the rates according to his/her preferences. It will improve management productivity, satisfaction and retention by eliminating paper trails and manual process with complete online management for handling, management and registration of various events.

It will manage all administrator information easily in a comprehensive manner that includes event-related information and those who have registered earlier. The administrator can access and check the system with easy record management and can easily manage the login process of the clients who are participating in those events. First the user, i.e. the customer needs to register. In this process, the user/customer has to input his/her mail-Id, country, city and mobile number, etc.

After the registration process is completed, the data is recorded in the cloud-hosted Firebase database system, keeping it safe and secure.

The client can login into system by using the application by entering his/her password and e-mail and can give online feedback too. System will generate the result instantly and store the results for further events to organize, based on the management of the past events.

Then the user needs to select the type of event he/she wants to manage. Furthermore, the various service providers need to be selected from the displayed list of various options.

The user will immediately get an estimate budget specified below. If it is fine for the user, he/she can click on "Done" button else select other suitable options else click on "Cancel" button.

The next step will include a particular text message sent to both, the user as well as the service provider.

SCOPE

The scope of the project is limited to an android mobile application with an internet connection. First the user, i.e. the customer needs to register. After the registration process is completed, the data is recorded in the database system, keeping it safe and secure. With a personally installed application, they can access their account and for any query, they can contact the administrator by sending him/her an e-mail. The user can view his /her past organized events in the history since the database will have proper records of the same. It provides a facility to schedule a meeting, facility to see participant's engagement diary, facility to invite participants over emails, facility to cancel or postpone the events, and an option for the participants for denying the invitation. It provides the facility of online chat between the user and the respective service provider

FEASIBILITY STUDY

This study is divided in three parts:

1.1 Technical Feasibility:

In this part we study about the hardware and software requirements. The project is quite feasible technically, as it can be implemented using the support and features provided by the programming languages and handy software tools. (For example, mobile can be used as a tool). Minimum hardware requirements comprise of an android mobile is available with almost all the people. Other than there is no special hardware or software involved. Thus, the overall requirements of the project are quite feasible.

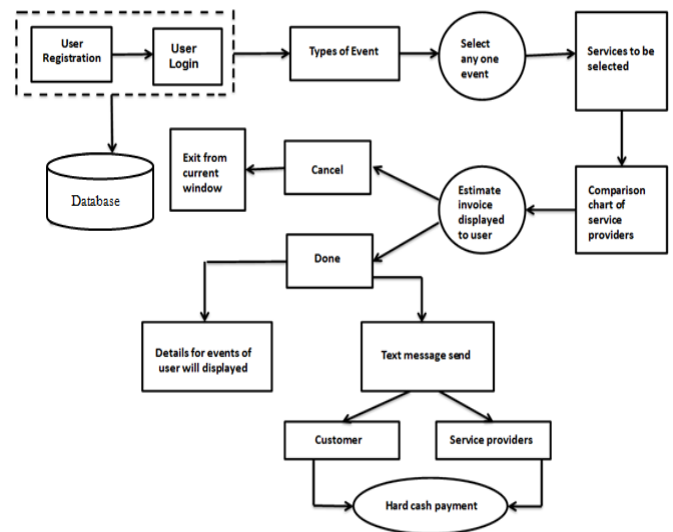
1.2. Operational Feasibility:

We have tried our best to make this application more and more user friendly. The app is pretty simple to use, also there is a choice of languages to make it easier for the user to interpret. Event Management. Proper validations and registrations make it a good system. It is developed in such a way that anyone can use it. Also, the database will contain information about all the previously managed events for a user/customer in a secure manner.

1.3. Financial Feasibility:

A special software is required for the overall development i.e. Android Studio, SDK, JDK 8 along with the Intel VT-Intel EM64T processor. But other than this, there is no other requirement. In that sense this project is quite feasible.

ARCHITECTURAL DIAGRAM



DATA FLOW DIAGRAM

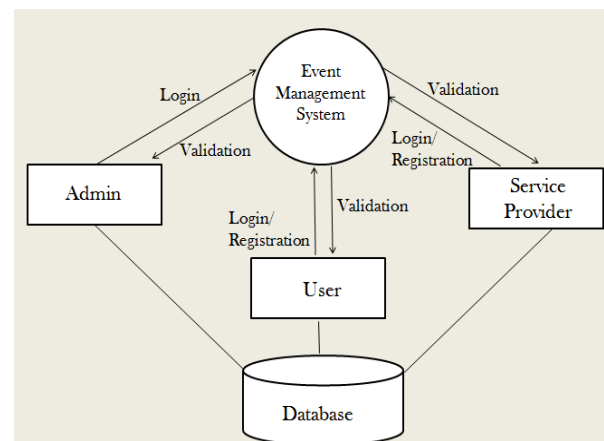


Fig 01: Level 0 Data Flow Diagram

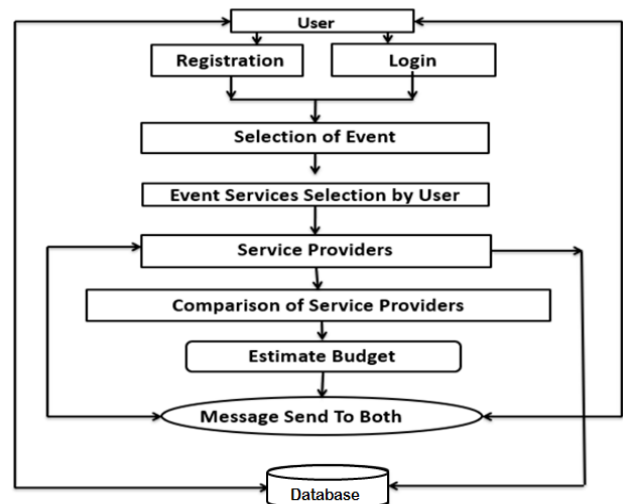


Fig 02: Level 1 Data Flow Diagram

APPLICATIONS

- 1.) For managing personal events.
- 2.) For managing educational events likes sports, workshops & so on.
- 3.) Handling the events effectively & easily.

CONCLUSION:

The Event Management System is an Android application that supports online registration and feedback evaluation for managing the various events such as seminars, weddings, engagements, receptions, sports events, birthday parties, etc.

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