

EventO: An Android based Event Planning

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Abstract— EventO android app is developed to reduce the human efforts for organizing an event. The EventO Application contains two interfaces. The first interface is Hotel or Hall owner and second interface is the customer. In the first interface, a hotel or hall can register their halls into the application. The owner will list out the events carried out at their place. The owners will provide catering and decoration details for each event. The owner will also provide cost for each and every item. The owners can also add the images for the decoration by using different methods. In the second interface the customer will select the event which he wants to celebrate. Then the customer will give the specification for the event like location where he wants to celebrate the event, the number of people attending the event, date and time for the event, etc. The customer will get the list of the hotels according to the priority he has given in the search option. After selecting the hall, the user will select the details of the event for decorations and the catering menus. After the completion of the above the process, the hotel owner will get the message of confirmation.

Key words: Android, Event, Management, Plans

I. INTRODUCTION

Everybody wants their special day to be perfection every way. Whether it is surprise celebration, wedding reception, corporate meeting, launch of a new product of company. Special event planning can make it seamless, memorable and exceptional. To make such event successful, there is need of event planner but it is not always fact that event planner fulfill customer's wish. Also for different types of events customer needs respective event planner.

In our project we are introducing an android application in which different kinds of events under one roof and which provides interface to user to choose events and respective planning as they wish. According to customer's requirement this application suggests the respective hotels, halls and their booking facility for ease of customer. In our application we also provide facility to hotel owners and hall owners to register their hotels and halls for different kinds of events. They can provide information about the respective event's catering and decoration. They have privilege to provide the rates for the each item. The application 'Event Management' is designed keeping in mind the difficulties faced in planning a successful event. This is an all in one application wherein there are many categories for planning an event as mentioned above. These categories help the users to plan an event on a single console and avoids the need of going elsewhere, making it convenient for the users. This application makes event planning and managing easy. The decoration and catering provide different kind of decoration and food menu according to their events. In decoration for any event we can choose any kind of decoration. In catering also display food items here user can select their food items

for events or any gathering functions Thus, this system eliminates the drawbacks of the existing set-ups and is designed as an easy to maintain, flexible and low cost solution.

II. LITERATURE REVIEW

To make event successful everyone gives their best. It includes various decoration facilities, various menus etc. Everyone wants to make their event memorable.

A. Existing System

Referred the following papers for our project:

- 1) Glenn A J Bowdin and Dr Gayle McPherson have provided a snapshot of the events industry, the issues affecting it and as a result, a number of research requirements have been identified.
- 2) Charles Arcodia and Sacha Reid reviewed the literature on professional associations and explored the strategic direction of event management associations.
- 3) FakultätElektrotechnik proposed a uni-form approach for specifying events based on a predicate that defines the occurrence of events in the exact case, together with a threshold probability that defines the minimum probability with which the event is considered to have occurred, so that an event notification is sent
- 4) Regardless of size, events require a high degree of planning, a range of skills and a lot of energy (Hillary Commission for Sport, 1997). According to Andersson and Wesslau (2000), when using events, companies get the possibility to have their own-right to the consumer during the duration of the event.

B. Proposed System

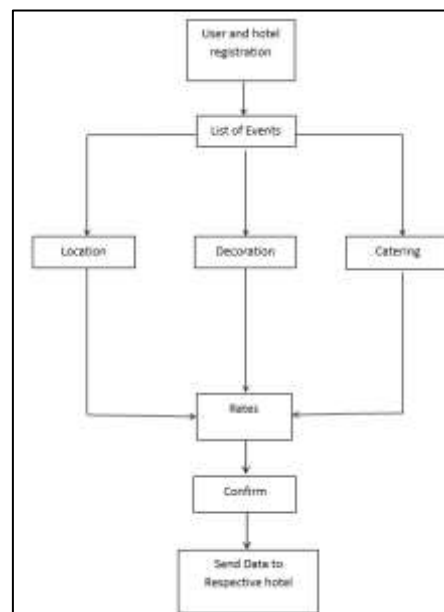


Fig. 1: Overall Architecture

Here user and hotel owner is provided registration model respectively. After registration hotel owner is provided with list of events which he can conduct. Hotel owner is allowed to insert, delete and update the decoration and catering facility with rates provided by hotel. While on other hand user will get the data related to his events. For example, hall location, decoration, catering, etc. User can select decoration and catering with his choice. After selecting this, bill will be generated with details. When customer accepts the proposal a system message will be given to hotel owner. Further online transaction will take place.

This project has an android based application for event planning by the user or customer who want to organize an event and to eliminate the difficulties involved in the system by reducing human intervention to the best possible extent.

In this project we are going to provide an interface for the user to choose his

- Location of event
- Number of people attending an event
- Catering in selected hotel or hall.
- Decoration as per event.

After confirmation of hotel manager user, can pay advance online or by cash.

In this overall architecture we are providing interface to both user for their requirement and to respected hotel manager for their business, for that both have to register first on application.

The advantages of project are as follows:

- The EventO app is developed in Android platform. This Platform is user friendly and easy to use.
- This application can run on a large number of smartphones.
- In the EventO app, we are providing the various types of events. Therefore, the user can select the respective event he wants to celebrate.
- All the events may have different decorations, hence the user can select from one of them.

III. IMPLEMENTATION

“EventO” android based event planning is a android application used for organizing small and large scale events such as wedding, birthday, conference, meeting, seminar, parties, family events etc. According to last records there is rapid growth in event management industry. So this app provides easier way to plan and assist successful event management for common person.

In this project we are introducing an android application in which all different kinds of events are under one roof and which provides interface to user to choose events and its respective planning as they wish, according to customers requirement this application also suggest the hotels, halls and their booking facility for ease of customer.

A. User

The user will register the form. This form contains details of user and of event like type of event, number of peoples, and location for event. It also includes user details like contact. According to his convenience recommendation of hall will be done with details of decoration and catering.

Fig. 2: User

B. Hotel

Fig. 3: Hotel

The hotel owner fills the form which holds details of hall like capacity of hall, prize, Hall availability and bookings. It also displays the decoration and catering facility provided by them.

C. Decoration



Fig. 4: Decoration module

Decoration module provides details about the decoration provided by hall. The user can select decoration from module as per his choice. There is no interface of event manager here. Decoration module includes decoration regarding to events like wedding, birthday party, theme party etc. with prices.

D. Catering

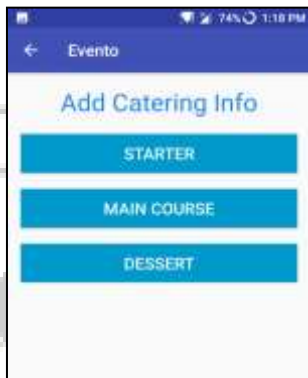


Fig. 5: Catering

This module includes the catering facility provided by hotel. It includes the detail of dishes with price. User can select the menu according to his choice. It includes starter, main course, dessert, drinks etc.

As user registers for event, our system will fetch the data according to his requirements. And will recommend hall for user with details of facilities provided by it. If user wishes to approach hall, he can select the decoration and catering according to his event needs. After selecting all demands of event, invoice will be displayed to user. If he agrees and approves the invoice then a system message is send to hall owner and data is stored in database system and it will ask for payment through online. If user wishes to check availability of hall he can check through booking list of hall provided by hotel owner

IV. CONCLUSIONS

Android powers hundreds of millions of mobile devices in more than 190 countries around the world. It's the largest installed base of any mobile platform and growing fast—every day another million user's power up their Android devices for the first time and start looking for apps, games, and other digital content. It is continuously pushing the boundaries of hardware and software forward, to bring new capabilities to users and developers. For developers, the rapid evolution of Android technology lets you stay in front with

powerful, differentiated applications. It gives you access to the latest technologies and innovations across a multitude of device form-factors, chipset architectures, and price points. From multicore processing and high-performance graphics to state-of-the-art sensors, vibrant touchscreens, and emerging mobile technologies. It gives you a world-class platform for creating apps and games for Android users everywhere, as well as an open marketplace for distributing to them instantly.

This paper has presented how we can successfully organize an event without any manual interference. Our android application is very user friendly and supports customer to organize his/her events by using our application and also hotel owner can register their hotel or hall on our application. Our android application supports Digital India Campaign

V. FUTURE WORK

As we have taken into considerations. Following are the points in which we are going to extend our project.

- Implementation of digital invitation.
- Provide music facilities in application.
- Online banking facilities.
- Update messages for customer regarding to their event.
- Applying discount facilities.
- Addition of intercontinental dishes in catering.
- Recommendation of hall or hotel regarding to budget and location.
- This will not only help in development of the system as a whole but also give the user a new and better option for making it easy to use and provide facilities. The different approach and work could be effective.

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