

Event Management System

^[1] Mr J Nagesh Babu, ^[2] Ms Srujana J M, ^[3] Ms Srusti U M, ^[4] Ms Sushma Kulkarni
^[1] Assistant Professor, ^{[2][3][4]} UG Student
^{[1][2][3][4]} Dept of CSE, RYMEC Ballari

Abstract: Event management is the application of project management to the creation and development of large or small scale events such as festivals, conferences, ceremonies, formal parties, concerts, or conventions. The last few years have seen a rapid growth in the event management industry. Considering the existing system problems related to event management we are developing an android application for event management. This application will be accessible only for android. Application will mainly focus on birthday party, marriage functions and social events. The application will be developed using Android studio and back end will be managed in SQL database. Application will have easy and feasible GUI for all type of users. User needs to Login at the initial phase, set his/her profile details including location, choices, email-id, etc. User can modify or change His/her profile at any stage. The core phase of the application will display list of events based on the user profile details. This event will further contain description about event, its exact location, ticket rates (if any), date and time. These details will be firstly verified by the administrator to fulfill the security protocols. In this paper we present an android mobile phone application to make it easier for a layman to plan an event in a hassle-free manner. This application will assist him/her in planning a successful and fun event.

Keywords: Events, Android Studio, SQL Server.

INTRODUCTION

Events play an important role in our society. Any happening or an activity can be referred as an event. Individuals often find they lack the expertise and time to plan events themselves. Independent planners are needed to step in and give these special events the attention they deserve. In the current scenario, planning an event requires a lot of patience and hustle bustle right from deciding the theme to deciding venue and events. Lots of factors need to be considered while making each decision. Also once the party is planned lot of on the day issues such as maintaining low noise levels after a particular time, or neighbors complaining about the noise levels etc take the fun out of the party/event. In order to manage such issues we require an easy to use app that will help in effectively tracking such problems. In this research work, we are going to make use of the aforementioned smart phone through which the event management is made feasible with the help of a customized android application.

LITERATURE SURVEY

We have referred the following papers and apps for our project:

[1] AE Organizer app reviewed the literature on professional associations and explored the strategic direction of event management committee.

[2] Event Planner app proposed innovative approach for specifying events based on that to predicate that an event hustle bustle right from deciding the theme to deciding the venue and events.

[3] Sandeep Misal¹, Segar Jadhav², Tushar Jore³, Archana Ugale⁴ in this paper it review Review on College Event Organizer to reduce the overhead of the organizing committee and Accuracy in work Organizing all event in a better way .

PROBLEM STATEMENT AND SOLUTION

Problem- Every Organization, whether big or small, has challenges to overcome and managing the every event.

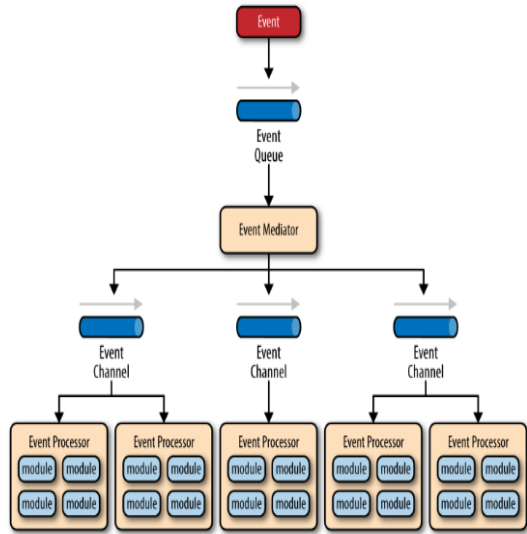
Solution- Management System has different event needs, so we design exclusive Event Management System.

This is designed to assist in strategic planning and it will help to ensure that your organization is equipped with the right level of information and details of your future goals. Also for those busy executive who are always on the go, Our system come with remote access features, which will allow you to manage your workforce anytime. These system will ultimately allow you to better manage resources

SYSTEM IMPLEMENTATION

There are two types of events within this pattern: an initial event and a processing event. The initial event is the original event received by the User whereas the processing events are ones that are generated by the event manager and received by the event-processing components. Event channels are used by the event manager to asynchronously pass specific processing events related to each step in the initial event to the event processors. Event processors are self-contained,

independent, highly decoupled architecture components that perform a specific task in the application or system. The pattern does not specify the implementation of the event queue component; it can be a message queue, a web service endpoint, or any combination thereof.



WORKING PRINLCIPLE

The software architectural pattern of the proposed selective event optimizer invokes the major use of the user interfaces for the selection of the events. The pattern for the event management in the android application is breakdown into three elements. They are application model where the data resides, User interface viewing model where the user views and selects the events, and the kernel control model which serve as the controller for the application with the assistance of the sql database. Initially by opening the application window, it will ask for the user authorization where the user needs to login. Upon successful entering, the user needs to select the event which he/she want to book for. After the choice selection, the app itself will allocates the event management companies with best ratings, price etc for the user by optimizing every choice of the user. For all this data retrieval and interpretation, the sql database management is used in the proposed research work. The sample for theevent window is illustrated in figure.

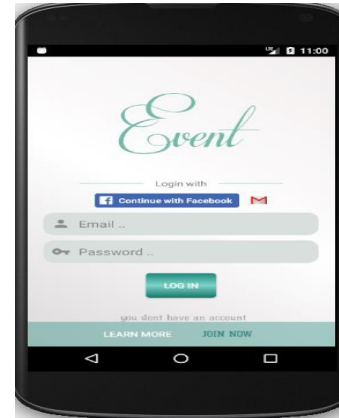


Fig 1- Login Process

About Login Process –
Initially by opening the application window, it will ask for the user authorization where User logs in via user name and password. Security questions needs to be answered. The user is allowed to login.

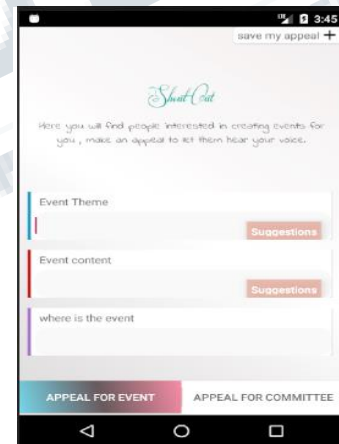


Fig 2 – Selection Process

About Selection of Event Process –
Upon successful entering, the user needs to select the event which he/she want to book for. After the choice selection, the app it shows the event management companies with best ratings, price etc for the user by optimizing every choice of the user.

For all this data retrieval and interpretation,the database management is used in the proposed research work.

EXISTING SYSTEM

Not Widely adopted because of less social networking interactions.

Does not use modern frameworks for app efficiency.

Does not incentive end users.

PROPOSED SYSTEM

Will be widely adopted as we will integrate face book, Instagram etc

Uses latest development technologies.

Incentives for users who uses the app.

CONCLUSION

In this paper, The project “Event Management System” has been designed and tested. Integrating features of all the software components used have developed it. With the help of growing technology the project has been successfully implemented. Project will definitely reduce the human effort and make the task of user, customer and administrator easier. It is efficient to use and easy to work on it. Thus keeping in mind the advantages and applications.

we are developing an Event management software which has total management control of customer and respective service of different events

FUTURE WORK

Manage different organizer profile that you have created for different types of events. You can also share each one of them with your contacts on various platforms. Keep a record for each and every attendee that shows at the event. Search by id or scan via QR code that is sent to the attendees when their register.

REFERENCES

[1] Roozbeh Derakhshan, Maria E. Orlowska and Xue Li, “RFID Data Management: Challenges and Opportunities”, IEEE International Conference on RFID, 2007

[2] Kullaprapa Navanugraha, Pornanong Pongpaibool, Chalee Vorakulpipat, Nuttapong Sanglerd sinlapachai, Nutvadee Wongtosrad, Siwaruk Siwamogsatham, “The Deployment of the AutoID System in a Conference”, PICMET, IEEE, pp.1-7, 2010.

[3] <https://www.ijirset.com/upload/2016/march/101Event.pdf>.

[4] L. McCarthy and K. Michael, “Is it the End of Barcodes in Supply Chain Management?”, Proceedings of the Collaborative Electronic Commerce Technology and Research Conference LatAm, 2005.

[5] Lung-Chuang Wang, “Enhancing construction quality inspection and management using FID technology”, Journal Automation in Construction, Elsevier, pp. 468-469, 2008.

[6] Paul M. Swamidass, “Bar Code Users and Their Performance”, White Paper, UNOVA Inc., 1998.