

**Group 6**

# **Evento**

**STUDY PHASE**

**05 JAN 2018**

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## **1. REQUIREMENT SPECIFICATION**

- **HARDWARE REQUIREMENT**
- **SOFTWARE REQUIREMENT**

## **2. EXISTING SYSTEM**

## **3. PROPOSED SYSTEM**

## **4. FEASIBILITY STUDY**

- **TECHNICAL**
- **OPERATIONAL**
- **ECONOMICAL**

# **1.REQUIREMENT SPECIFICATION**

Requirement collection plays a key role in every project. It is not only important for the project but also important for the project management function. Since, the project is about event management, it is necessary to learn about how events are held, what are the process happening in the background. The requirement are necessary to develop a better quality software. The project "EVENTO" is an android and online application in which is used mainly in college fest and events. Through this registration of candidate to the particular event become more easy. In addition to make the slow manual system to a faster more accurate new system, we're also adding additional features like QR code recognition to this application.

Requirements are classified into two:

## **1. SOFTWARE REQUIREMENTS**

OPERATING SYSTEM : ANDROID 4 OR ABOVE AND WINDOWS OR ABOVE.

FRONT END : ANDROID, PHP, HTML, JS, CSS

BACK END : FIREBASE/MYSQL

## **2. HARDWARE REQUIREMENTS**

PROCESSOR : INTEL PENTIUM CPU

PRIMARY MEMORY : 2GB OR ABOVE

SECONDARY MEMORY : 320GB

## **3. OTHER REQUIREMENTS**

The user will have the following experience in this application. The user can register/login to the application to get notified about the events and other. The user can use the fully functional application once the registration payment is completed (if any). The user will be notified minutes before an event starts, thus reduces the probability of missing out an event. The registration to each event can be done through the application using QR recognition/ ordinary way. The application will also provide a electronic admit card to make the verification easy. The result of events will also be published and available in the application. There many additional features like information center and etc.

## **2.EXISTING SYSTEM**

There are many event management systems right now, but none of them is apt for a college purpose. This app is fully featured for college requirements.

### **DISADVANTAGES OF EXISTING SYSTEM**

- The existing system doesn't have a dedicated application.
- The existing system is not based on android.
- The existing system do not have live interactions.
- Existing system do not give followups about the events.
- Existing system only takes registrations online.
- Existing system do not use latest technologies.

### **3.PROPOSED SYSTEM**

The proposed system is to overcome the limitations of the existing system and to add additional features to the system.

The proposed system has following main features:

- Completely online registration.
- Online payment available.
- QR scanner for registering events easily.
- Event schedules.
- Route map
- Live updates about the events.
- Notifications & reminders.
- Easy enquiry using chatboxes.
- Result notification and online result publishing.
- E-ADMIT CARD

The proposed system is more convenient for users. It is very easy to use and user friendly.

#### **ADVANTAGES**

- It is a dedicated website. Hence there wont be anything that is not related to the event.
- Application has a simple and user friendly interface which helps the user to find it more easy to use.
- Reduces a huge amount of delay for registration.
- Latest technologies for easy, convenient and comfortable use.
- Assists the user in several ways like, information center chat box, route map, etc.
- Never forget another event, event remainder remind about every event.
- Personalized notifications

- online result for a better understanding of the results.

## **4.FEASIBILITY STUDY**

A feasibility analysis is performed to choose the system that will meet the performance requirement at least cost. During product engineering we concentrate our attention on three main areas of interest. Three essential consideration are involved in the feasibility analysis are,

### **1. Technical feasibility**

Technical feasibility concentrates on the existing computer system and what extends it can support the proposed system. Technical feasibility is highly a computer oriented process. The existing technology can support the proposal system to an extend and hence the system is technically feasible.

### **2. Economic feasibility**

Economic feasibility is the most frequently used method for evaluating the effectiveness of a system. It is most commonly known as cost- benefit analysis. The procedure is to determine the benefits and savings that are expected from a system and compare them with cost.

Under the economic feasibility, we have done a cost- benefit analysis. By conducting the economic feasibility, it was clear the benefits out weights cost and then the decision is made to continue the project.

### **3. Operational feasibility**

The proposed project is beneficial, because it can be turned into an information system that will work when it's developed and installed. There are no barriers to implementation.