**EVENT DIRECTORY & TICKETING SYSTEM**

**INTRODUCTION**

This paper/proposal introduce an online, efficient and simple way of viewing an event directory and also make online payment for a ticket.

Events will be posted to the event page which will carry description(pictures and text) telling the visitors about the specified event and also lead the visitors on how to purchase a ticket for events.

This system is simple, efficient and not to talk about the great accountability tool which it offers where the admin can generate report from different query.

**COMPATIBILITY**

This system is a web application which will be hosted on a remote server and will be accessed with a particular URL address.

This system will be built using the latest technology in the web industry, which will render the pages to the device browser irrespective of the device been used to browse it.

The system is compatible and responsive when browsed from PC, ipad or any smartphone, which makes it easier for guest/customer to access it from their end using any device without any hassle

**FEATURES**

**FRONT END**

**Event View**

This is the user section where the visitors can view different past, current and upcoming event with their details like Images, descriptions and a Google map to the location if required.

**Payment of Ticket**

when the visitor click on **BUY TICKET** on a selected upcoming event, it redirects the user to a payment gateway page where the visitor can make payment and also print receipt of the payment, based on the payment gateway provided by the administrator.

The customer have an options of paying via the following channels;

1. Online Debit card (Interswitch, Zenith Global pay, GT Webpay)

2. Bank payment using Teller

Once the payment is successfully made and confirmed by the administrator, an auto generated E-Mail and SMS will be send to their Inbox and Phone respectively, notifying them of their Ticket details which can be printed for any reference purposes.

**Newsletter subscription**

Newsletter features will be opened for any visitors to received newsletter daily, weekly or monthly on their E-Mail and phone if configured by the administrator.

**News**

News will be posted to the news section showing event discount and other additional mouth watering news which the administrator want the customer to see as this will encourage the visitor to check the website from time to time in search of current news.

**RSS** news feed widget will be added to the user interface, as this will crawl entertainment news from different RSS feed website.

**Social Media Widget**

1. Facebook Like Button which will display a widget of number of facebook user that likes this application on the user interface.

2. Facebook Wall post allow user to add post and comment from the user interface.

3. Twitter plugin will integrated to the website which will pull up all tweets from twitter to the website for visitors to read and comment on tweets.

Other social media widgets will be added to the website interface if required.

**Administrator Back end**

**Event Management**

The administrator will be able to post events with descriptions like images and text to buttress the posted event.

The administrator can also edit and delete events posted if wished .

**Post news**

Custom news functionality will be added to the administrator backend which will allow administrator to post custom news to the front end.

**Send Newsletter**

This is a feature which enable the administrator to send newsletter to previously subscribed visitors which will be sent to their E-Mail and phone respectively.

**Generate report**

The administrator will be provided a great tool for compiling reports like total number of attendees for a particular event, total number of payment received for a particular event, daily, weekly, monthly or yearly i.e within a selected time frame.

The administrator will be able to generate reports in different format ranging from excel, csv, pdf and other format if specified.

**DESIGN & IMPLEMENTATION**

**Markup and design**

Clean and sleek design using HTML5 version of the markup which will be built on top of ***Twitter bootstrap*** or ***Zurb foundation framework***, and aesthetic features including icons will be implemented using ***glypicons*** an ***fontawesome.io*.**

**Client side framework**

Angularjs and Jquery are javascripts frameworks will be implemented to perform ajax request to the server and also receive data from the database, as this will reduce server overloading and also saves time compare to the whole page refresh system.

**Server side**

PHP is a server side language which is use to perform server side and database operations. We will be making use of this server side because of the ease of integrating it to a cheaper Linux web server.

**MySql**

MySQL is an Open source relational database, which stores schema record into rows and columns . We will be making use of MySql because it is world number one leading database, free and easy to integrate with PHP.

**COSTING & REQUIREMENT**

Domain Name & hosting :

Payment gateway :

SMS :

Workmanship :

**TIMELINE**

This project will last for a maximum of 8 weeks under development and will be submitted on or before the 8th week after the approval of the contract.