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GSU Event Portal

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ABSTRACT

The GSU EVEN PORTAL is website where you can advertise, view and make a booking for event by anywhere. You can do your necessary work related to events by this website just within few minutes. This application is trying to very easy for user to find venue by Google map.

Many of the online event websites are not supported in the mobile phones, this is one of the main drawback in present online event websites. We may come across replication of data.

To overcome the problem, we came with a new online event portal which supports in any windows, android, iOS, etc. Our website provides events like audio functions, company events, college events, sports events, traditional events, and more. We are providing Create, Modify, Delete events by user and also admin. We provide offers on ticket purchases. Our main intention is to reduce time and cost. We provide regular notifications regarding events. We provide security for your data. We are planning to launch this portal in July first week.
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1 Project Description

This website is very useful for advertising and other task related to events. It will allow users to make their account and publish their event advertisement, view other events and also making booking for that event. There are different types of categories for events and so many events related to those all categories. Website also has Google Map service to help user to get venue easily. There are two types of user’s website has Administrator and End User. Administrator has rights to add and modify category for event, active and deactive of event advertisement and view booking details of event. End User has rights of view events of deferent categories, create and modify event advertisement, make booking for events.

1.1 Competitive Information

Peatix was easy to use and the customer service is incredible! They were a big part of the great success of TEDxLawrence! We owe thanks to Peatix

1.2 Relationship to Other Applications/Projects

Google Map Service has related by project. For which we generate API key to use it.

1.3 Assumptions and Dependencies

- User already has necessary knowledge to use it.
- For Run Properly user have internet access and necessary speed.
- Google Services used by this project is work properly.

1.4 Future Enhancements

- Online Payment for Ticket Booking
- Auto detects location and show events relate to it.

1.5 Definitions and Acronyms
2 Project Technical Description

In this project HTML codes use for developing pages. Also we use Cascading Style Sheets (CSS) codes to every pages for good look like. We use JavaScript for validation codes in pages where it’s necessary.

**Hardware requirements:**
- RAM: Minimum of 2 GB
- PROCESSOR: Intel® Core
- HDD SPACE: 2GB or More.

**Software Requirements:**
- OPERATING SYSTEM: windows
- FRONT END: ASP.NET, HTML, JSON, CSS, JS
- BACK END: MySQL
- IDE: Visual Studio 2013

2.1 Application Architecture

In this section we look architecture and discuss how it constructed. For analysis of architecture, we have found it convenient to three primary components of Event Management portal.

- **User**
  The user is a computer system, typically a personal computer, connected to the Internet either directly, through an Internet service provider (ISP), or indirectly, through a corporate network. The End user uses the client computer for browsing events, advertising events and booking tickets.

- **Admin**
  The admin is a computer system or systems that contain the organizer’s event advertisement catalog and, in the case of online booking for over the Net fulfillment.

- **Log system**
  The log system is the computer system that process a particular booking and that are responsible for payment, record keeping, and other business aspects of the advertisement and transaction.
2.2 Application Information flows

Database Diagram.

Data Flow Diagram???
User

- First of all, user have to create their own account for access facilities if not have then.
- At home page it has a list of all event advertisements form where user can view banner, venue path with help of Google map and have an option for ticket booking.
- At home page he/she has link for search event page where he/she search event by title, category and venue.
- For creating event’s advertisement user have a tab where it he/she fill necessary details about event and then create event. After it event goes first deactive events list at admin side for activation and after active event by admin it will show in home page.
- Another facility for view the list of events he/she made in owner’s event list either it active or not.
- Has facility for change password if he/she forgot password of their own.

Admin

- First of all, admin have to login in admin panel only by admin login page.
- At home page it has a list of all event advertisements form where user can view banner, venue path with help of Google map and have an option for ticket booking.
- Have link for category where it has list of category and have option for edit and delete it.
- There is another link for add category where admin can add new category which is show in category list.
- Have a link of Active Event List, where it will show all active events of website and have option for deactivating them.
- Have a link of Deactive Event List, where it will show all deactivated events of website and have option for active them. All new created events first show here and after active it will show at home page.
- Have a link for register new admin.
- Have a link for show list of all booking for events.
2.3 Interactions with other Applications

Google Map
Website use Google Map Service for shoe venue. We generate the API key for google map service and by it we can run JavaScript for map for it we have to pass four parameter venue, longitude, latitude and address for the event.

2.4 Capabilities
Provide a list of the capabilities need to support this Project. Example: a database application must provide capabilities to support business application such as retrieving/adding/deleting/updating user data.

User
- Have capability for creating own account.
- Can create new event for advertisement.
- Can view their own created events.
- Can book ticket for event.
- Can update their password by forgot password link
- Search events by title, category and venue.

Admin
- Can register new Admin.
- Can view list of category of website.
- Have right for creating new Category as well as update and delete existing category.
- Have list of Active Events and can deactivate them.
- Have list of Deactive Events and can activate them.
- Have list of all ticket booked.
2.5 Risk Assessment and Management

This section is used to identify as early as possible some of the risks that are associated with the introduction of this project. It should also contain recommendations to eliminate or minimize these risks.

<table>
<thead>
<tr>
<th>Risk</th>
<th>Category</th>
<th>Probability</th>
<th>Impact</th>
<th>RMMM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Will the system be able to meet all its objectives?</td>
<td>Project risk</td>
<td>70%</td>
<td>1</td>
<td>Proper definition of project risk</td>
</tr>
<tr>
<td>Will the application be able to meet its requirements?</td>
<td>Performance risk</td>
<td>40%</td>
<td>2</td>
<td>Proper requirement gathering process</td>
</tr>
<tr>
<td>What if implementation fails?</td>
<td>Functional risk</td>
<td>70%</td>
<td>4</td>
<td>Using other services</td>
</tr>
<tr>
<td>Larger no. of users estimated</td>
<td>Project size risk</td>
<td>40%</td>
<td>2</td>
<td>Efficient database management</td>
</tr>
</tbody>
</table>

Impact values: -

1-Catastropic
2-Critical
3-Marginal
4-Negligible

3 Project Requirements

3.1 Identification of Requirements

By analysis for Event Management Portal we found following requirements:

- **Specific** – Have to create accounts for user and admin, have to create category and edit and delete it, have to create event and active and deactivate it, have to show all active events on home page, have to list all active and deactivate events, have to show location of event by google map service, have to book ticket for event, have to show booking list of ticket.
- **Achievable** – we accomplished all requirements which specify above.
- **Realistic** – All these requirements we achieved have necessary for real time.

3.2 Operations, Administration, Maintenance and Provisioning (OAM&P)

To our user and customers for maintenance of website we provide user data backup and routine maintenance.

3.3 Security and Fraud Prevention

- For Security we block SQL injection for login for user as well as admin.
- For Security reasons we have created separate login for admin and user so if any other person gets admin userid and password still he/she can’t access admin account.
3.4 **Release and Transition Plan**

We provide source code of website to customer at release.

4 **Internal/external Interface Impacts and Specification**

By using this website user will advertise their events through internet so they can reach much more peoples by website and advertise it and can get booking for it. Even user can get more information about different kinds of events from many different kind of places and can book tickets for that events.

5 **Design Units Impacts**

Replace this section with a list of the impacted design units (functional areas). For new products this would be a list of all new functional areas and would therefore describe the new system architecture. However, it is done, the design should clearly reflect how the design units fit together to define the project. Each functional area (or design unit) should have its own subsection below. If there are no known impacts to a given functional area, then that should be explicitly stated. For your project, it could be only one design unit that will covers all requirements, or you could have multiple design units (e.g., one for web interface, one for your application, and one for maintenance process etc.).

Following are the list of Design Units and their Impacts

A. Register User  
B. Login User  
C. View Active Events  
D. Create New Events  
E. List of Own Events  
F. Search Events  
G. Login Admin  
H. Register Admin  
I. List of Category  
J. Create and modify Category  
K. List of Active Events  
L. List of Deactive Events  
M. List of booking
5.1 **Functional Area A /Design Unit A**

5.1.1 **Functional Overview**

By this functional area we can register new user

5.1.2 **Impacts**

As impact it will create a one login id and password of every user with email id.

5.1.3 **Requirements**

For this Functional area it will requires one register page for user registration and related register table so data enter in it.
5.2 Functional Area B/Design Unit B

5.2.1 Functional Overview
By this functional area user can login in website by their user id

5.2.2 Impacts
As impact it will show user id of login user on home page even he/she access other user facilities.

5.2.3 Requirements
For this Functional area it will need user login form as well as user register table where user’s login id and password are store so it will check id and password from it and it is correct then login it in to website.
5.3  **Functional Area C/Design Unit C**

5.3.1  **Functional Overview**

In this functional area user can view all active events at home page
5.3.2 Impacts
As impact it will show all activate events on home page with option of booking and google map
5.3.3 Requirements
For this area it will need form for view event list and google map with table of data contains events data so it will access status of event and only active events show. It will also get latitude, longitude, venue details for google map.

5.4 Functional Area D/Design Unit D

5.4.1 Functional Overview
In this functional area user can create event

Create Event

5.4.2 Impacts
As Impact of this area it will create event for advertisement for user and show on home page after activated.

5.4.3 Requirements
For this area it will need a form for event create page and table for store its data. So we can store and access events details
5.5 **Functional Area E/Design Unit E**

5.5.1 **Functional Overview**
In this functional area user can view their own created events

**Owner Events**

![Event List Image](image)

5.5.2 **Impacts**
As Impact it will show list of all events created by login user either it active or deactivate.

5.5.3 **Requirements**
For this area it requires form for show events, login user name and table which contain event’s details.

5.6 **Functional Area F/Design Unit F**

5.6.1 **Functional Overview**
In this functional area user can search events by title, category and venue

5.6.2 **Impacts**
As Impact it will show list of all events as per title, category and venue as per search data enter.

5.6.3 **Requirements**
For this area it will require Form for it and table of contain event’s details.
5.7  **Functional Area G/Design Unit G**

5.7.1  **Functional Overview**
In this functional area admin can login in their account.

Admin Login
5.7.2 Impacts
As per impact it will show login admin id at admin home page as well as all admin rights.

5.7.3 Requirements
This area requires Admin login form, table in which admin data store; so it can compare it and login if correct data entered.
5.8 Functional Area H/Design Unit H

5.8.1 Functional Overview
In this functional area admin can register new admin

5.8.2 Impacts
As impact it will add new admin in website and enter admin id and password in admin table for new admin.

5.8.3 Requirements
For this area it will require admin registration form and table admin register table for store admin details.
5.9 Functional Area I/Design Unit I

5.9.1 Functional Overview
In this functional area it will show list of category
5.9.2 Impacts
As impact of this area it will show the list of all categories currently available in website. Also have option for edit and delete category.

5.9.3 Requirements
For this area it required form for show category and table which contains category details.

5.10 Functional Area J/Design Unit J

5.10.1 Functional Overview
In this functional area admin will create and modify category

5.10.2 Impacts
As impact it will create new category for website or modify currently exist category of website.

5.10.3 Requirements
For this area it will require form for create category page and modify category page and also table in which it contain category data for store new category data or modify existing category data.
5.11 Functional Area K/Design Unit K

5.11.1 Functional Overview

In this functional area admin can view all active event list.

5.11.2 Impacts

As Impact it will show admin list of all active events of website and have an option of deactivate that events.

5.11.3 Requirements

For this area it will require form for show list to admin and code for deactivate that events and table which contains events details where we can access all events which’s status is active.
5.12  Functional Area L/Design Unit L

5.12.1  Functional Overview
In this functional area admin can view all deactivated event list

![Deactive Event List]

5.12.2  Impacts
As Impact it will show admin list of all deactivated events of website and have an option of active that events.

5.12.3  Requirements
For this area it will require form for show list to admin and code for active that events and table which contains events details where we can access all events which’ s status is deactivated.
5.13  Functional Area M/Design Unit M

5.13.1  Functional Overview
In this Functional area admin can show list of all booked ticket details.

5.13.2  Impacts
As impact admin can view list of all booked ticket for events.

5.13.3  Requirements
For this area it requires form for show list of booking and table in which it will store data related to booking details.
6 Acknowledgements

Dr. SOON OK PARK, Instructor

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