Chap-1: Introduction

1.1: Problem Definition:

Nowadays people are celebrating every function very gracefully and for that they are facing very difficulties like finding place for function, reservation of caterers etc. To overcome this problem, we are providing platform where customer can book everything at one place from given packages.

1.2: Project Objective:

Events are not just about execution but a lot of other behind the scene tasks which you might never have thought of. Our expertise will let you enjoy the event without even breaking a sweat! In The Event Management System, customer can login/register into the system where he/she can book the events according to his/her convenience. Customer also can select his/her own venue. The system will also provide packages according to the customer’s budget. At the dealer side the dealers can register themselves into the system and according to the customer’s package they will get their orders. Customer can cancel the event before minimum three days. Customers can also give their suggestions by giving Feedback. If the dealer selected by the customer is not available then system will provide another best option.

1.3: Product Scope:

This system is limited to be used by stake holders of the system and bounded to be used only in Surat city.

**Chap-2: Overall Description**

2.1: Product Perspective/ Environment Description

2.1.1: Hardware Interface

|  |  |
| --- | --- |
| **Device Name** | **LAPTOP-3EOPK9E3** |
| **Processor** | **Intel(R) Core (TM) i3-7020U CPU @ 2.30GHz 2.30 GHz** |
| **Installed RAM** | **8.00 GB** |
| **System Type** | **64-bit operating system, x64-based processor** |
| **Hard Disk** | **1 TB** |

2.1.2: Software Interface

|  |  |
| --- | --- |
| **Operating system** | **Microsoft windows 10** |
| **Front end** | **HTML, CSS, JS, BOOTSTRAP** |
| **Back end** | **MySql, php** |
| **Input device** | **Keyboard, Mouse** |
| **Output device** | **Monitor** |
| **Software used** | **Visual studio, Apache netbeans IDE** |
| **Tools** | **xampp** |

Chap 3-System Specific Requirements

3.1: Function requirements

|  |  |  |
| --- | --- | --- |
| No | Description | comment |
| 1 | Registration-The System will provide an interface to register in to the system | Registration form |
| 2 | Login-User have to enter his/her user id and password to login in to the system | Login form |
| 3 | Manage user profile-User will be able to manage their profile user a condition that they are logged in into the system | Manage user profile module |
| 4 | Manage packages-System will provide ready made package to customer they will me managed by admin only | Manage package module |
| 5 | Manage events-User can manage/update the events that they have booked | Manage events module |
| 6 | Cancel events-User can cancel the events before 3 days of the event | Cancel events module |
| 7 | Change password-System user can change their password anytime 24/7 | Change password module |
| 8 | Forgot password-System user can change their password in case they forget their password | Forgot password module |
| 9 | View feedback-Admin can view the given feedback by customer or dealers | View feedback module |
| 10 | Manage payments-payments can be made through many payments’ portal like UPI, online banking, Cash on visit | Payment’s portal module |
| 11 | Generate reports-System will be able to generate reports like bill of the event | Billing module |
| 12 | Manage complaints-Admin can manage complaints given by customer | Manage complaints module |
| 13 | Customize package-customer can customize package for their event | Customize package module |

3.2: Non-Functional requirement

|  |  |  |
| --- | --- | --- |
| **NO** | **Non-function requirements** | **Description** |
| **1** | **Security** | **System encrypts the password when stored in database** |
| **2** | **Responsive** | **System designed in a way that it can work on any device like phone, tablet etc.** |
| **3** | **Simplicity** | **System is simple, slick and easy to use** |
| **4** | **Availability** | **System is available to use anytime** |

4.System Design

4.1: Database Design

4.1.1: Database schema

1.Table Name - Registration

Registration (ID [PK], Name, Email, Username, password, phone.no, role)

2.Table Name – Contact Us

Contact Us (ID [PK], name, email, phone.no, Message)

3.Table Name – Events

Events (ID [PK], Type id [FK], date, total persons, venue id [FK], caterer id [FK], DJ id [FK], photographer id [FK], decorator id [FK], amount, status)

4.Table Name – Package

Packages (ID [PK], Type id [FK], date, total persons, venue id [FK], caterer id [FK], DJ id [FK], photographer id [FK], decorator id [FK], amount)

5.Table Name – Feedback

Feedback (ID [PK], Name, Email, Review)

6.Table Name – Venue

Venue (ID [PK], Name, address, Email, phone.no, capacity)

7.Table Name – Caterer

Caterer (ID [PK], Name, address, Email, phone.no, cuisine)

8.Table Name – DJ

DJ (ID [PK], Name, address, Email, phone.no)

9.Table Name – Photographer

photographer (ID [PK], Name, address, Email, phone.no)

10.Table Name – Decorator

Decorator (ID [PK], Name, address, Email, phone.no)

11.Table Name – Event types

Event types (Id [PK], type)

4.1.2: Data Dictionary

Table Name: Registration

Table description: It stores all the login information

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field Name | Datatype | Field Size | Constraints | Description |
| ID | int | 5 | Primary Key | It stores id no |
| Name | varchar | 20 | Not null | It stores name |
| Email | varchar | 20 | Not null | It stores email |
| Username | varchar | 20 | Not null, unique | It stores username and it should be unique |
| Password | varchar | 20 | Not null | It stores password for login |
| Phone no. | bigint | 10 | Not null | It stores phone no |
| Role | Varchar | 10 | Not null | It stores the role of the person |

Table Name: Contact\_Us

Table description: It store the information in case user fills the form to contact us.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field Name | Datatype | Field Size | Constraints | Description |
| ID | int | 5 | Primary key | It stores id no |
| Name | Varchar | 20 | Not null | It stores name |
| Email | Varchar | 20 | Not null | It stores email |
| Phone no. | bigint | 10 | Not null | It stores phone no |
| Message | varchar | 100 | Not null | It stores message |

Table Name: Events

Table description: It stores the information of the Events

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field Name | Datatype | Field Size | Constraints | Description |
| ID | int | 5 | Primary key | It stores id no |
| Type id | int | 5 | Foreign key | It stores event type id no |
| Date | Date | 10 | Not null | It stores date of the events |
| Total persons | int | 3 | Not null | It stores number of persons |
| Venue id | int | 5 | Foreign key | It stores venue id |
| Caterer id | int | 5 | Foreign key | It stores caterer id |
| DJ id | int | 5 | Foreign key | It stores DJ id |
| Photographer id | int | 5 | Foreign key | It stores Photographer id |
| Decorator id | int | 5 | Foreign key | It stores Decorator id |
| Amount | float | 7.3 | Not null | It stores amount of event |
| Status | varchar | 10 | Not null | It stores status of the event |

Table Name: Packages

Table description: It stores the information of the Packages

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field Name | Datatype | Field Size | Constraints | Description |
| ID | int | 5 | Primary key | It stores id no |
| Type id | int | 5 | Foreign key | It stores event type id no |
| Date | Date | 10 | Not null | It stores date of the events |
| Total persons | int | 3 | Not null | It stores number of persons |
| Venue id | int | 5 | Foreign key | It stores venue id |
| Caterer id | int | 5 | Foreign key | It stores caterer id |
| DJ id | int | 5 | Foreign key | It stores DJ id |
| Photographer id | int | 5 | Foreign key | It stores Photographer id |
| Decorator id | int | 5 | Foreign key | It stores Decorator id |
| Amount | float | 7.3 | Not null | It stores amount of event |

Table Name: Feedback

Table description: It stores the feedback given by system user

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field Name | Datatype | Field size | Constraints | Description |
| ID | int | 5 | Primary key | It stores id no |
| Name | Varchar | 20 | Not null | It stores name |
| Email | Varchar | 20 | Not null | It stores email |
| Review | varchar | 50 | Not null | It stores reviews |

Table Name: Venue

Table Description: It stores the information about venue

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field Name | Datatype | Field size | Constraints | Description |
| ID | Int | 5 | Primary key | It stores id no |
| Name | varchar | 20 | Not null | It stores name |
| Address | varchar | 50 | Not null | It stores address of venue |
| Email | varchar | 20 | Not null | It stores email |
| Phone no | bigint | 10 | Not null | It stores phone no |
| Capacity | int | 4 | Not null | It stores sitting capacity of venue |

Table Name: Caterer

Table Description: It stores the information about caterer

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field Name | Datatype | Field size | Constraints | Description |
| ID | Int | 5 | Primary key | It stores id no |
| Name | varchar | 20 | Not null | It stores name |
| Address | varchar | 50 | Not null | It stores address of venue |
| Email | varchar | 20 | Not null | It stores email |
| Phone no | bigint | 10 | Not null | It stores phone no |
| Cuisine | varchar | 10 | Not null | It stores type of cuisine they provide |

Table Name: DJ

Table Description: It stores the information about DJ

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field Name | Datatype | Field size | Constraints | Description |
| ID | Int | 5 | Primary key | It stores id no |
| Name | varchar | 20 | Not null | It stores name |
| Address | varchar | 50 | Not null | It stores address of venue |
| Email | varchar | 20 | Not null | It stores email |
| Phone no | bigint | 10 | Not null | It stores phone no |

Table Name: Photographer

Table Description: It stores the information about photographer

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field Name | Datatype | Field size | Constraints | Description |
| ID | Int | 5 | Primary key | It stores id no |
| Name | varchar | 20 | Not null | It stores name |
| Address | varchar | 50 | Not null | It stores address of venue |
| Email | varchar | 20 | Not null | It stores email |
| Phone no | bigint | 10 | Not null | It stores phone no |

Table Name: Decorator

Table Description: It stores the information about Decorator

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field Name | Datatype | Field size | Constraints | Description |
| ID | Int | 5 | Primary key | It stores id no |
| Name | varchar | 20 | Not null | It stores name |
| Address | varchar | 50 | Not null | It stores address of venue |
| Email | varchar | 20 | Not null | It stores email |
| Phone no | bigint | 10 | Not null | It stores phone no |

Table Name: Event\_types

Table Description: It stores the information about types of events

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field Name | Datatype | Field size | Constraints | Description |
| ID | Int | 5 | Primary key | It stores id no |
| Name | varchar | 20 | Not null | It stores name |