**Table Design**

* tbl\_login: Stores login information of actors (attendee, organizer, provider, admin).
* tbl\_attendee: Stores details of attendees.
* tbl\_attendee\_interest: Stores the interests/preferences of attendees.
* tbl\_organizer: Stores details of event organizers.
* tbl\_departments: Stores the list of departments associated with college organizers.
* tbl\_provider: Stores details of service providers.
* tbl\_event: Stores details of events.
* tbl\_service: Stores details of services.
* tbl\_service\_availability: Stores availability details of services.
* tbl\_payment: Stores payment details for services made by organizers.

**1. tbl\_login**

Primary key: **login\_id**

Foreign key: **login\_id** references table **tbl\_organizer, tbl\_attendee, tbl\_provider**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No:** | **Fieldname** | **Datatype (Size)** | **Key Constraints** | **Description of the Field** |
| 1 | login\_id | int (10) | Primary Key | Login Id |
| 2 | email | varchar (30) | NULL | Email |
| 3 | password | varchar (20) | NOT NULL | Password |
| 4 | role | int (10) | NOT NULL | Role of actors |
| 5 | Status | Boolean | Not null | Set user active |

**2. tbl\_attendee**

Primary key: **attendee\_id**

Foreign key: **login\_id** references table **tbl\_login**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No:** | **Fieldname** | **Datatype (Size)** | **Key Constraints** | **Description of the Field** |
| 1 | attendee\_id | int (10) | Primary Key | Attendee Registration Id |
| 2 | name | varchar (30) | NOT NULL | Attendees name |
| 3 | contactno | varchar (20) | NOT NULL | Attendees contact number |
| 4 | login\_id | int (10) | Foreign Key | Login id |
| 5 | email | varchar (30) | NOT NULL | Email |
| 6 | location | varchar (20) | NOT NULL | Location |
| 7 | organisation | varchar (20) | NOT NULL | Name of Organization/Institution |
| 8 | interest | varchar (100) | NOT NULL | Interests/Preferences |
| 9 | Status | Boolean | Not null | Set user active |

1. **tbl\_attendee\_interest**

* Primary key: attendee\_interest\_id
* Foreign key: attendee\_id references table tbl\_attendee

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| --- | --- | --- | --- | --- |
| **No** | **Fieldname** | **Datatype** | **Key Constraints** | **Description of the Field** |
| 1 | attendee\_interest\_id | INTEGER (10) | Primary Key | Attendee Interest ID |
| 2 | attendee\_id | INTEGER (10) | Foreign Key | Attendee Registration ID |
| 3 | interest | VARCHAR (100) | NOT NULL | Interest/Preference of Attendee |
| 4 | Status | Boolean | Not null | Set user active |

1. **tbl\_organizer**
   * Primary key: organizer\_id
   * Foreign key: login\_id references table tbl\_login

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No** | **Fieldname** | **Datatype (Size)** | **Key Constraints** | **Description of the Field** |
| 1 | organizer\_id | int (10) | Primary Key | Organizer Registration ID |
| 2 | name | varchar (30) | NOT NULL | Organizer's name |
| 3 | contactno | varchar (20) | NOT NULL | Organizer's contact number |
| 4 | login\_id | int (10) | Foreign Key | Login ID of the organizer |
| 5 | email | varchar (30) | NOT NULL | Email of the organizer |
| 6 | organization | varchar (50) | NOT NULL | Name of Organization/Company |
| 7 | location | varchar (30) | NOT NULL | Location of the organizer |
| 8 | Status | Boolean | Not null | Set user active |

1. **tbl\_departments**
   * Primary key: dept\_id
   * Foreign key: organizer \_id references table tbl\_ organizer

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No** | **Field Name** | **Datatype** | **Key Constraints** | **Description** |
| 1 | dept\_id | int (10) | Primary Key | Department ID |
| 2 | organizer \_id | int (10) | Foreign Key | ID of the corresponding college organizer |
| 3 | department\_name | varchar (50) | NOT NULL | Name of the department |
| 4 | department\_head | varchar (50) | NOT NULL | Name of the department head |
| 5 | department\_email | varchar (50) | NOT NULL | Email of the department head |
| 6 | Status | Boolean | Not null | Set user active |

**6. tbl\_provider**

• Primary key: provider\_id

• Foreign key: login\_id references table tbl\_login

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No** | **Fieldname** | **Datatype (Size)** | **Key Constraints** | **Description of the Field** |
| 1 | provider\_id | int (10) | Primary Key | Provider Registration ID |
| 2 | name | varchar (30) | NOT NULL | Provider's name |
| 3 | contactno | varchar (20) | NOT NULL | Provider's contact number |
| 4 | login\_id | int (10) | Foreign Key | Login ID of the provider |
| 5 | email | varchar (30) | NOT NULL | Email of the provider |
| 6 | organization | varchar (50) | NOT NULL | Organization/Company |
| 7 | location | varchar (20) | NOT NULL | Location of the provider |
| 8 | Status | Boolean | Not null | Set user active |

**7. tbl\_event**

* + Primary key: event\_id
  + Foreign key: organizer\_id references table tbl\_organizer

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No** | **Fieldname** | **Datatype (Size)** | **Key Constraints** | **Description of the Field** |
| 1 | event\_id | int (10) | Primary Key | Event ID |
| 2 | organizer\_id | int (10) | Foreign Key | Organizer ID of the event |
| 3 | title | varchar (100) | NOT NULL | Event title |
| 4 | description | text | NOT NULL | Event description |
| 5 | start\_date | datetime | NOT NULL | Start date and time of the event |
| 6 | end\_date | datetime | NOT NULL | End date and time of the event |
| 7 | location | varchar (50) | NOT NULL | Location of the event |
| 8 | capacity | int (10) | NOT NULL | Maximum capacity of the event |
| 9 | event\_category | varchar (50) | NOT NULL | Type of event |
| 10 | link | varchar (100) | NOT NULL | Registration Link |
| 11 | deadline | date | NOT NULL | Registration Deadline |
| 12 | organizer | varchar (50) | NOT NULL | Organizer's name |
| 13 | Status | Boolean | Not null | Set user active |

**8.tbl\_service**

* Primary key: service\_id
* Foreign key: provider \_id references table tbl\_ provider

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No** | **Fieldname** | **Datatype (Size)** | **Key Constraints** | **Description of the Field** |
| 1 | service\_id | int (10) | Primary Key | Service ID |
| 2 | provider\_id | int (10) | Foreign Key | Provider ID |
| 3 | name | varchar (100) | NOT NULL | Service Name |
| 4 | description | text | NOT NULL | Service Description |
| 5 | price | decimal (10,2) | NOT NULL | Price of the Service |
| 6 | provider | varchar (30) | NOT NULL | Service Provider Name |
| 7 | location | varchar (30) | NOT NULL | Service Location |
| 8 | Status | Boolean | Not null | Set user active |

1. **tbl\_service\_availability**

* Primary key: availability\_id
* Foreign key: service\_id references table tbl\_service

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No** | **Fieldname** | **Datatype** | **Key Constraints** | **Description of the Field** |
| 1 | availability\_id | INTEGER (10) | Primary Key | Availability ID |
| 2 | service\_id | INTEGER (10) | Foreign Key | Service ID of the service |
| 3 | day | VARCHAR (20) | NOT NULL | Day of the week |
| 4 | start\_time | VARCHAR (10) | NOT NULL | Start time of availability |
| 5 | end\_time | VARCHAR (10) | NOT NULL | End time of availability |
| 6 | Status | Boolean | Not null | Set user active |

1. **tbl\_payment**

* Primary key: payment\_id
* Foreign key: service\_id, organizer\_id references table tbl\_service, tbl\_organizer

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No** | **Field Name** | **Datatype** | **Key Constraints** | **Description** |
| 1 | payment\_id | int (10) | Primary Key | Payment ID |
| 2 | service\_id | int (10) | Foreign Key | ID of the service being paid for |
| 3 | organizer\_id | int (10) | Foreign Key | ID of the organizer making the payment |
| 4 | payment\_date | datetime | NOT NULL | Date and time of the payment |
| 5 | amount | decimal (10,2) | NOT NULL | Payment amount |
| 6 | payment\_method | varchar (20) | NOT NULL | Payment method |
| 7 | Status | Boolean | Not null | Set user active |