**ADLib**

ADLib is a unique online platform meticulously designed to strengthen local bonds and amplify neighborhood connectivity. Tailored for residents within distinct localities, This website stands as a vibrant hub for posting and exploring relevant advertisements, services, and events. Users can curate personalized profiles, categorize ads into specialized business types—such as hotels, car mechanic shops, and supermarkets—and actively partake in enriching community discussions.

Setting a distinctive tone through a commitment to user-generated content, This website offers an accessible, comprehensive resource for residents to uncover and contribute to the distinctive tapestry of their neighborhood. Elevating the user experience, the integration of an intuitive map function allows residents to visually navigate and discover local content and services seamlessly. Anchored in community-centric features, This website aspires to enhance the local experience, promote neighborhood businesses, and cultivate a dynamic digital space for residents to unite and thrive.

**MODULES**

**1.ADMIN**

* Login
* Home Page
* Merchant Registration Verification
* User Registration Verification
* Advertisement Verification
* Approve Event Advertisements

**2.MERCHANT**

* Registration
* Login
* Home Page
* Merchant Profile Creation
* Create Advertisements
* Category wise
* Location
* District
* Place
* Contact
* Apply for Event Advertisement
* Logout

**3.USER**

* Registration
* Login
* Home Page
* User Profile Creation
* View Advertisements
* Review Advertisements
* Rate Advertisements
* Contact (Advertisement)
* Logout

**Tools**

Front End:

* Design: HTML5, CSS, JAVASCRIPT Es6
* Text Editor: VS code
* OS Platform: Windows 10

Back End:

* Language: Python
* Technology: Django
* Database: SQL lite

**Table -1**

**Name:** tbl\_admin

**Primary Key:** admin\_id

**Foreign Key:** NULL

**Descrpition:** Admin Details

|  |  |  |  |
| --- | --- | --- | --- |
| **FIELD** | **DATA TYPE** | **CONSTRAINTS** | **DESCRIPTION** |
| admin\_id | Int(11) | Primary key | Admin ID |
| admin\_name | Varchar(50) | Not Null | Admin Name |
| admin\_email | Varchar(50) | Not Null | Admin Email |
| admin\_password | Varchar(50) | Not Null | Admin password |

**Table -2**

**Name:** tbl\_district

**Primary Key:** district\_id

**Foreign Key:** NULL

**Descrpition:** District Details

|  |  |  |  |
| --- | --- | --- | --- |
| **FIELD** | **DATA TYPE** | **CONSTRAINTS** | **DESCRIPTION** |
| district\_id | Int(11) | Primary key | District ID |
| district\_name | Varchar(50) | Not Null | District Name |

**Table -3**

**Name:** tbl\_place

**Primary Key:** place\_id

**Foreign Key:** district\_id

**Descrpition:** Place Details

|  |  |  |  |
| --- | --- | --- | --- |
| **FIELD** | **DATA TYPE** | **CONSTRAINTS** | **DESCRIPTION** |
| place\_id | Int(11) | Primary key | Place ID |
| place\_name | Varchar(50) | Not Null | Place Name |
| district\_id | Int(11) | Foreign key | District ID |

**Table -4**

**Name:** tbl\_location

**Primary Key:** location\_id

**Foreign Key:** place\_id

**Descrpition:** Location Details

|  |  |  |  |
| --- | --- | --- | --- |
| **FIELD** | **DATA TYPE** | **CONSTRAINTS** | **DESCRIPTION** |
| location\_id | Int(11) | Primary key | Location ID |
| location\_name | Varchar(50) | Not Null | Location Name |
| place\_id | Int(11) | Foreign key | Place ID |
| location\_pin | Int(11) | Not Null | Pin Code |

**Table -5**

**Name:** tbl\_category

**Primary Key:** category\_id

**Foreign Key:** NULL

**Descrpition:** Category of Ads

|  |  |  |  |
| --- | --- | --- | --- |
| **FIELD** | **DATA TYPE** | **CONSTRAINTS** | **DESCRIPTION** |
| Category\_id | Int(11) | Primary key | Category ID |
| category\_name | Varchar(50) | Not Null | Category Name |

**Table -6**

**Name:** tbl\_subcat

**Primary Key:** subcat\_id

**Foreign Key:** category\_id

**Descrpition:** Sub Category

|  |  |  |  |
| --- | --- | --- | --- |
| **FIELD** | **DATA TYPE** | **CONSTRAINTS** | **DESCRIPTION** |
| subcat\_id | Int(11) | Primary key | Subcategory ID |
| subcat \_name | Varchar(50) | Not Null | Subcategory Name |
| Category\_id | Int(11) | Foreign key | Category ID |

**Table -7**

**Name:** tbl\_merchant

**Primary Key:** merchant \_id

**Foreign Key:** location\_id

**Descrpition:** Merchant Details

|  |  |  |  |
| --- | --- | --- | --- |
| **FIELD** | **DATA TYPE** | **CONSTRAINTS** | **DESCRIPTION** |
| merchant\_id | Int(11) | Primary key | Merchant ID |
| merchant\_name | Varchar(50) | Not Null | Merchant Name |
| merchant\_email | Varchar(50) | Not Null | Merchant Email |
| merchant\_password | Varchar(50) | Not Null | Merchant Password |
| merchant­\_shop | Varchar(50) | Not Null | Shop of Merchant |
| merchant\_image | Varchar(50) | Not Null | Image of Merchant |
| merchant\_license | Varchar(50) | Not Null | Licence of Merchant |
| merchant\_address | Varchar(50) | Not Null | Address of Merchant |
| merchant\_doj | Date | Not Null | Date of Joined |
| merchant\_dob | Date | Not Null | Date of Birth |
| merchant\_gender | Varchar(50) | Not Null | Gender |
| location\_id | Int(11) | Foreign key | Location ID |
| merchant\_vstatus | Text | Not Null | Verification Status |

**Table -8**

**Name:** tbl\_ad

**Primary Key:** ad\_id

**Foreign Key:** merchant\_id

**Descrpition:** Advertisement Details

|  |  |  |  |
| --- | --- | --- | --- |
| **FIELD** | **DATA TYPE** | **CONSTRAINTS** | **DESCRIPTION** |
| ad\_id | Int(11) | Primary Key | Advertisement ID |
| ad\_title | Varchar(50) | Not Null | Advertisement Title |
| ad\_description | Varchar(50) | Not Null | Advertisement  Description |
| ad\_image | Varchar(50) | Not Null | Advertisement Image |
| merchant\_id | Int(11) | Foreign key | Merchant ID |

**Table -9**

**Name:** tbl\_event

**Primary Key**: event\_id

**Foreign Key:** merchant\_id , location\_id

**Descrpition:** Event Details

|  |  |  |  |
| --- | --- | --- | --- |
| **FIELD** | **DATA TYPE** | **CONSTRAINTS** | **DESCRIPTION** |
| event\_id | Int(11) | Primary Key | Event ID |
| event\_name | Varchar(50) | Not Null | Event Name |
| event\_description | Varchar(50) | Not Null | Event Description |
| event\_date | Date | Not Null | Event date |
| event\_time | Date/Time | Not Null | Event time |
| merchant\_id | Int(11) | Foreign key | Merchant ID |
| location\_id | Int(11) | Foreign key | Location ID |
| event\_vstatus | Text | Not Null | Verification Status |

**Table -10**

**Name:** tbl\_user

**Primary Key**: user\_id

**Foreign Key:** location\_id

**Descrpition:** User Details

|  |  |  |  |
| --- | --- | --- | --- |
| **FIELD** | **DATA TYPE** | **CONSTRAINTS** | **DESCRIPTION** |
| user\_id | Int(11) | Primary key | User ID |
| user\_name | Varchar(50) | Not Null | User Name |
| user\_address | Varchar(50) | Not Null | User Address |
| user\_email | Varchar(50) | Not Null | User Email |
| user\_password | Varchar(50) | Not Null | User Password |
| location\_id | Int(11) | Foreign key | Location ID |

**Table -11**

**Name:** tbl\_compliant

**Primary Key**: compliant\_id

**Foreign Key:** user\_id, merchant\_id

**Descrpition:** Compliant Details

|  |  |  |  |
| --- | --- | --- | --- |
| **FIELD** | **DATA TYPE** | **CONSTRAINTS** | **DESCRIPTION** |
| compliant\_id | Int(11) | Primary key | Complaint ID |
| compliant\_title | Varchar(50) | Not Null | Complaint Title |
| compliant\_content | Varchar(50) | Not Null | Complaint Content |
| compliant\_reply | Varchar(50) | Not Null | Complaint Reply |
| compliant\_status | Varchar(50) | Not Null | Complaint Status |
| User\_id | Int(11) | Foreign key | User ID |
| merchant\_id | Int(11) | Foreign key | Merchant ID |

**Table -12**

**Name:** tbl\_review

**Primary Key**: review\_id

**Foreign Key:** merchant\_id , user\_id

**Descrpition:** Review Details

|  |  |  |  |
| --- | --- | --- | --- |
| **FIELD** | **DATA TYPE** | **CONSTRAINTS** | **DESCRIPTION** |
| review\_id | Int(11) | Primary key | Review ID |
| review\_rating | Varchar(50) | Not Null | Review Rating |
| review\_content | Varchar(50) | Not Null | Review Content |
| User\_id | Int(11) | Foreign key | User ID |
| merchant\_id | Int(11) | Foreign key | Merchant ID |
| review\_date | Date | Not Null | Review Date |

**Table -13**

**Name:** tbl\_chat

**Primary Key**: chat\_id

**Foreign Key:** Null

**Descrpition:** Chat Details

|  |  |  |  |
| --- | --- | --- | --- |
| **FIELD** | **DATA TYPE** | **CONSTRAINTS** | **DESCRIPTION** |
| chat\_id | Int(11) | Primary key | Chat ID |
| chat\_content | Varchar(50) | Not Null | Chat Content |
| chat\_date | Date | Not Null | Chat Date |
| chat­\_time | Date/Time | Not Null | Chat Time |
| chat\_tomerchantid | Varchar(50) | Not Null | To Merchant |
| chat\_frommerchantid | Varchar(50) | Not Null | From Merchant |
| chat\_touserid | Varchar(50) | Not Null | To User |
| chat\_touserid | Varchar(50) | Not Null | From User |