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