

Project :- Real Estate Web Application

Name :- Gaurav Bardia

ID:- 202212069

Github Link :- <https://github.com/gauravbardia16/Mern-Estate>

Work Done & Use Cases:-

Property Search and Listing:

- Description: Users can search for properties based on various criteria and list their own properties for sale or rent.
- Precondition: User accesses the property search or listing page.
- Postcondition: User finds relevant properties matching their criteria or successfully lists their property for sale or rent.
- Flow of Events:
 1. User navigates to the property search or listing page.
 2. User enters search criteria such as location, property type, price range, etc.
 3. System retrieves and displays a list of properties matching the entered criteria.
 4. User can further refine the search results by applying filters like property size, amenities, etc.
 5. If listing a property, user fills in details such as property type, location, price, and uploads relevant images.
 6. System validates the listing details and stores the property information in the database.

Property Details and Contact:

- Description: Users can view detailed information about a property and contact the seller/agent for further inquiries.
- Precondition: User clicks on a property listing from the search results.
- Postcondition: User gets detailed information about the property and contacts the seller/agent if interested.
- Flow of Events:
 1. User clicks on a property listing from the search results.
 2. System displays detailed information about the property including description, images, amenities, price, etc.
 3. User reviews the property details and decides to contact the seller/agent.
 4. User clicks on the "Contact Seller" button.
 5. System presents contact options such as phone number, email, or a contact form.
 6. User chooses a preferred contact method and initiates communication with the seller/agent.

Property Inspection Scheduler:

- Description: Users can schedule appointments for property inspections with sellers/agents.

- Precondition: User expresses interest in a property and wishes to inspect it.
- Postcondition: User successfully schedules an appointment for property inspection.
- Flow of Events:
 1. User expresses interest in a property and wishes to schedule an inspection.
 2. User contacts the seller/agent through the provided contact details.
 3. Seller/agent confirms availability and schedules an inspection appointment.
 4. System sends confirmation details to both the user and the seller/agent.
 5. User and seller/agent meet at the scheduled time for property inspection.

Screenshots:-

SignUp

The screenshot shows the 'SignUp' page of the BardiaEstate website. At the top, there is a navigation bar with the logo 'BardiaEstate', a search icon, and links for 'Home', 'About', and 'Sign in'. Below the navigation bar, the main content area has a light green background. The title 'Sign Up' is centered at the top of this area. There are three input fields: 'username', 'email', and 'password', each with a placeholder label inside. Below these fields is a dark blue button labeled 'Sign Up'. Underneath the 'Sign Up' button is a red button labeled 'CONTINUE WITH GOOGLE'. At the bottom left of the main content area, there is a link 'Have an account? [Sign In](#)'.

Sign IN

BardiaEstate

Search...

Home About Sign in

SIGN IN

email

password

SIGN IN

CONTINUE WITH GOOGLE

Dont have an account? [Sign Up](#)

Profile Page

localhost:5173/profile

Profile



gauravbardiah2dzznqo

gauravbardiah111@gmail.com

password

UPDATE

CREATE LISTING

Delete Account

Show Listings

Sign Out

Create Listing

localhost:5173/create-listing
Click to go forward, hold to see history

BardiaEstate Search... Home About

Create a Listing

Name

Description Images: The first image will be the cover (max 6)
 No file chosen

Address

Sell Rent Parking spot Furnished

Offer

1 Beds 1 Baths

50 Regular price (₹/month)

Update Listing

BardiaEstate Search... Home About

Update a Listing

Luxury Apartment Images: The first image will be the cover (max 6)
 No file chosen

An apartment is a private residence in a building or house that's divided into several separate dwellings.
401,Pushpak Arcade,Opposite Hirawadi BRTS Bus Stop ,N

Sell Rent Parking spot Furnished

Offer

3 Beds 1 Baths

100 Regular price (₹/month)




Your All Listing

[UPDATE](#)
[CREATE LISTING](#)
[Delete Account](#) [Sign Out](#)
[Show Listings](#)

Your Listings

	Luxury Apartment	DELETE EDIT
	listing cover testing	DELETE EDIT

Listing page

Luxury Apartment - ₹ 50 / month

📍 401, Pushpak Arcade, Opposite Hirawadi BRTS Bus Stop, N.H No.8, Hirawadi, Bapunagar, Ahmedabad, Gujarat 380025

[For Rent](#) [₹50 OFF](#)

Description - An apartment is a private residence in a building or house that's divided into several separate dwellings. An apartment can be one small room or several. An apartment is a flat — it's usually a few rooms that you rent in a building.

3 beds 1 bath 1 Parking spot Furnished

Show All Listings

BardiaEstate  Home About 

Search Term:

Type: Rent & Sale Rent Sale Offer

Amenities: Parking Furnished

Sort:

Listing results:



Godrej Garden City- 3 BHK Flat for ...
📍 7th Floor, Jagatpur, Ahmedabad North, Ahm...
Ahmedabad north's most popular society godrej garden city in jagatpur offers 3 bhk apartment...
₹6,00,000



4BHK Flat/Apartment for Rent
📍 Goyal Riviera One Prahlad Nagar, Ahmedaba...
This 4 bhk flat in prahlad nagar is available in goyal riviera one for rent, one of the most...
₹200,000 / month

Home Page

← → ⌂ localhost:5173           

BardiaEstate  Home About 

Find your next perfect place with ease

Sahand Estate is the best place to find your next perfect place to live.
We have a wide range of properties for you to choose from.

[Let's get started...](#)



Recent offers

Show more offers



4BHK Flat/Apartment for Rent

Goyal Riviera One Prahlad Nagar, Ahmedaba...

This 4 bhk flat in prahlad nagar is available in goyal riviera one for rent, one of the most...

₹200,000 / month

4 beds 1 bath



Luxury Apartment

401,Pushpak Arcade,Opposite Hirawadi BRITS...

An apartment is a private residence in a building or house that's divided into several separate...

₹76,576 / month

3 beds 1 bath

Recent places for rent

Show more places for rent

localhost:5173/search

BardiaEstate

Search Term:

Type: Rent & Sale Rent Sale Offer

Amenities: Parking Furnished

Sort:

localhost:5173/listing/66333b829fa3e3a4d3b2d85b

Listing results:

Godrej Garden City- 3 BHK Flat for ...

7th Floor, Jagatpur, Ahmedabad North, Ahm...

Ahmedabad north's most popular society godrej garden city in jagatpur offers 3 bhk apartment....

₹6,000,000

3 beds 2 baths

4BHK Flat/Apartment for Rent

Goyal Riviera One Prahlad Nagar, Ahmedaba...

This 4 bhk flat in prahlad nagar is available in goyal riviera one for rent, one of the most...

₹200,000 / month

4 beds 1 bath

Testing(Insomnia)

The screenshot shows the Insomnia REST client interface. The top navigation bar includes Application, File, Edit, View, Window, Tools, and Help. On the right, there are buttons for Invite and a user account (garv Jain 4362@gmail.com). The main area shows a POST request to `localhost:3000/api/auth/signin`. The response status is **200 OK**, with a time of 178 ms and a size of 333 B, timestamped at 12 Days Ago. The response body is a JSON object:

```
1 " {  
2   "_id": "65fd076213fd9f6aa559ebb7",  
3   "username": "test16",  
4   "email": "test16@gmail.com",  
5   "avatar": "https://firebasestorage.googleapis.com/v0/b/real-estate-f0364.appspot.com/o/17110804567169611%2B01.png?alt=media&t=0d7e1365-35c0-4880-9885-57540ee4331d",  
6   "createdAt": "2024-03-22T04:21:54.668Z",  
7   "updatedAt": "2024-03-22T05:16:16.864Z",  
8   "__v": 0  
9 }
```

The left sidebar displays the API structure for `mern-estate`, including endpoints for `listing`, `user`, and `auth`. The `auth` section contains `sign up` and `sign in` methods. The bottom right corner indicates 0 online users and the text "Made with ❤ by Kong".