

Real Estate Listing Service

House Listings

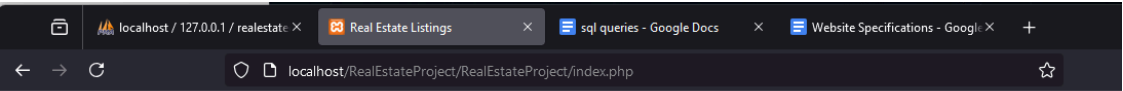
MLS Number	Address	Owner Name	Price	Bedrooms	Bathrooms	Size	Date Listed
1003	234 Pine St	Hannah Walker	\$250000	3	2	1600	2024-01-10
1004	567 Cedar Ave	David Lee	\$350000	4	3	2200	2024-02-15
1005	890 Maple Blvd	Emily Davis	\$450000	3	2	1800	2024-03-05
1006	678 Oak Dr	Michael Fox	\$550000	4	3	2100	2024-03-20
1007	345 Birch Ln	Sarah Mitchell	\$650000	5	4	3000	2024-04-02
1008	234 Oak St	John Williams	\$800000	3	2	1500	2024-04-10

Business Property Listings

MLS Number	Address	Owner Name	Price	Business Type	Size	Date Listed
1003	234 Pine St	Hannah Walker	\$250000	Office	4200	2024-01-10
1004	567 Cedar Ave	David Lee	\$350000	Storefront	3000	2024-02-15
1005	890 Maple Blvd	Emily Davis	\$450000	Storefront	3500	2024-03-05
1006	678 Oak Dr	Michael Fox	\$550000	Office	4500	2024-03-20

1. Display all listings and their associated property info. Break out separate lists for houses and business properties.

2. Search houses based on price range, number of bedrooms, and number of bathrooms. Setting Bedroom: 3, Bathrooms: 2, Min Price: 100,000, Max Price: 500,000, and searching we get the following results.



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1003	234 Pine St	Hannah Walker	\$250000	3	2	1600	2024-01-10
1004	567 Cedar Ave	David Lee	\$350000	4	3	2200	2024-02-15
1005	890 Maple Blvd	Emily Davis	\$450000	3	2	1800	2024-03-05
1006	678 Oak Dr	Michael Fox	\$550000	4	3	2100	2024-03-20
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1008	234 Oak St	John Williams	\$800000	3	2	1500	2024-04-10

Business Property Listings

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1003	234 Pine St	Hannah Walker	\$250000	Office	4200	2024-01-10
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1005	890 Maple Blvd	Emily Davis	\$450000	Storefront	3500	2024-03-05
1006	678 Oak Dr	Michael Fox	\$550000	Office	4500	2024-03-20

Search Houses

Bedrooms: Bathrooms: Min Price: Max Price:

Search Results:

MLS Number	Address	Owner Name	Price	Bedrooms	Bathrooms	Size	Date Listed
1003	234 Pine St	Hannah Walker	\$250000	3	2	1600	2024-01-10
1005	890 Maple Blvd	Emily Davis	\$450000	3	2	1800	2024-03-05

3. Search business properties based on price range and range of size in square feet.



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1004	567 Cedar Ave	David Lee	\$350000	4	3	2200	2024-02-15
1005	890 Maple Blvd	Emily Davis	\$450000	3	2	1800	2024-03-05
1006	678 Oak Dr	Michael Fox	\$550000	4	3	2100	2024-03-20
1007	345 Birch Ln	Sarah Mitchell	\$650000	5	4	3000	2024-04-02
1008	234 Oak St	John Williams	\$800000	3	2	1500	2024-04-10

Business Property Listings

MLS Number	Address	Owner Name	Price	Business Type	Size	Date Listed
1003	234 Pine St	Hannah Walker	\$250000	Office	4200	2024-01-10
1004	567 Cedar Ave	David Lee	\$350000	Storefront	3000	2024-02-15
1005	890 Maple Blvd	Emily Davis	\$450000	Storefront	3500	2024-03-05
1006	678 Oak Dr	Michael Fox	\$550000	Office	4500	2024-03-20

Search Houses

Bedrooms: Bathrooms: Min Price: Max Price:

Search Business Properties

Min Price: Max Price: Min Size (sq ft): Max Size (sq ft):

Search Results:

MLS Number	Address	Owner Name	Price	Business Type	Size	Date Listed
1003	234 Pine St	Hannah Walker	\$250000	Office	4200	2024-01-10
1004	567 Cedar Ave	David Lee	\$350000	Storefront	3000	2024-02-15
1005	890 Maple Blvd	Emily Davis	\$450000	Storefront	3500	2024-03-05

Setting Min Price: 100,000, Max Price: 500,000, Min Size: 1000, Max Size: 4400, and searched and received the following results.

4. Display all agents and their associated info &
5. Display all buyers and their associated info, including preferences.

localhost / 127.0.0.1 / realestate ×

Real Estate Listings ×

sql queries - Google Docs ×

Website Specifications - Google ×

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localhost/RealEstateProject/RealEstateProject/index.php

Bedrooms: Bathrooms: Min Price: Max Price: Search

Search Business Properties

Min Price: Max Price: Min Size (sq ft): Max Size (sq ft): Search

Search Results:

MLS Number	Address	Owner Name	Price	Business Type	Size	Date Listed
1003	234 Pine St	Hannah Walker	\$250000	Office	4200	2024-01-10
1004	567 Cedar Ave	David Lee	\$350000	Storefront	3000	2024-02-15
1005	890 Maple Blvd	Emily Davis	\$450000	Storefront	3500	2024-03-05

All Agents

Agent ID	Name	Phone	Firm Name
103	Lucas Scott	555-123-4567	Dream Realty
104	Mia Green	555-987-6543	Premium Properties

All Buyers and Their Preferences

Buyer ID	Name	Phone	Property Type	Bedrooms	Bathrooms	Business Property Type	Min Price	Max Price
3	Rachel Adams	555-222-3333	House	3	2		\$150000	\$300000
4	David Nelson	555-444-5555	House	4	3		\$250000	\$450000
5	Olivia Harris	555-666-7777	BusinessProperty			Office	\$300000	\$500000
6	Jacob Williams	555-888-9999	BusinessProperty			Storefront	\$350000	\$600000

Run Custom SQL Query

Enter SQL Query:

Enter SELECT queries only

Run Query

6. Provide a textbox where the user can manually enter any database query, and return the query results as a separate HTML page

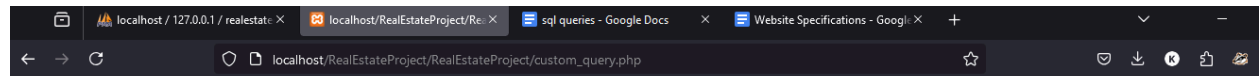
6Jacob Williams555-888-9999BusinessPropertyStorefront\$350000

Run Custom SQL Query

Enter SQL Query:

SELECT P.address
FROM Property P
JOIN House H ON P.address = H.address
JOIN Listings L ON P.address = L.address;

Run Query



Query Results:

address
234 Oak St
234 Pine St
345 Birch Ln
567 Cedar Ave
678 Oak Dr
890 Maple Blvd