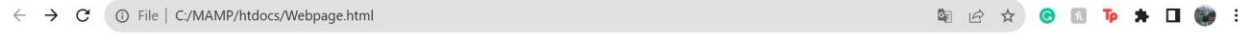


## Main Website (HTML)



### INSY661 Group Project: Rentals.com

Welcome to Group 5's webpage! For our project we created a database based on Rentals.com. Below you will find links to all our queries and their output:

[Query 5](#)

[Query 6](#)

[Query 7](#)

[Query 8](#)

#### Query 5 example:

**Objective of this page: Query 5:** The team at rentals.com wants to provide personalized suggestions to their returning clients. To achieve this, the website curates a list of units available in buildings that have similar ratings (or scores) to those the user 'UID5' has previously contracted. This way, the user gets recommendations based on their historical preferences, increasing the chances of them making another rental or purchase decision. The query ensures that previously contracted units by the user are not shown again, providing a fresh set of recommendations every time.

The query was:

```
SELECT ui.unit_id, ui.unit_number, ui.unit_price, ui.date_posted, ui.unit_type
FROM Unit_Info ui
INNER JOIN Building_Info bi ON ui.building_id = bi.building_id
WHERE bi.building_score_id IN (
  SELECT DISTINCT b.building_score_id
  FROM Contract_Info ci
  INNER JOIN Unit_Info ui ON ci.unit_id = ui.unit_id
  INNER JOIN Building_Info b ON ui.building_id = b.building_id
  WHERE ci.user_id = 'UID5'
)
AND ui.unit_id NOT IN (
  SELECT unit_id
  FROM Contract_Info
  WHERE user_id = 'UID5'
)
ORDER BY ui.date_posted DESC;
```

Result:

Unit ID: UIID7  
Unit Number: G105  
Unit Price: 1250.00  
Date Posted: 2023-07-30  
Unit Type: Apartment

Unit ID: UIID14  
Unit Number: N205  
Unit Price: 1750.00  
Date Posted: 2023-07-25  
Unit Type: Apartment

Unit ID: UIID15  
Unit Number: O302  
Unit Price: 2350.00  
Date Posted: 2023-06-10  
Unit Type: Condo