

- Create a super user/admin in Django admin to see the tables without the database bash.  
Run this command:

`docker exec -it django-new python manage.py createsuperuser`

```
(venv) w3e55@w3e55:~/Assignments/W3-Ass10-LLM$ docker exec -it django-new python manage.py createsuperuser
Username (leave blank to use 'root'): aurin
Email address: aurin@gmail.com
Password:
Password (again):
This password is too short. It must contain at least 8 characters.
This password is too common.
This password is entirely numeric.
Bypass password validation and create user anyway? [y/N]: y
Superuser created successfully.
```

Then go <http://localhost:8000/admin> to log in. You will see this after logged in.

Django administration

Site administration

| AUTHENTICATION AND AUTHORIZATION |  |
|----------------------------------|--|
| Groups                           | <a href="#">+ Add</a> <a href="#">Change</a> |
| Users                            | <a href="#">+ Add</a> <a href="#">Change</a> |

| PROPERTY_INFO           |  |
|-------------------------|--|
| Hotels                  | <a href="#">+ Add</a> <a href="#">Change</a> |
| Property rating reviews | <a href="#">+ Add</a> <a href="#">Change</a> |
| Property summaries      | <a href="#">+ Add</a> <a href="#">Change</a> |

Recent actions

---

My actions

None available

- Now run these commands for CLI files.

1. `docker exec -it django-new python manage.py rewrite_property_titles`

```
>> docker exec -it django-new python manage.py rewrite_property_titles
Updated hotel ID 996302:
Original Name: Siloso Beach Resort - Sentosa
Rewritten Name: Siloso Sunset Beach Resort
Description: With a prime location near Universal Studios Singapore and Seventy Degrees restaurant, the Siloso Beach Resort - Sentosa offers guests a comfortable stay for their visit to Orchard Road. The Superior Room is an ideal choice for those seeking extra space and comfort amidst the bustling city streets. With ample amenities such as free WiFi and a private balcony with panoramic views of the surrounding area, guests can relax and unwind after a day in the city.
```

2. `docker-compose exec django-new python manage.py rewrite_property_summary`

```
(venv) PS D:\W3\W3-Ass10-LLM> docker exec -it django-new python manage.py rewrite_property_summary
Created new summary for Hotel Boss
Created new summary for Robertson Quay Hotel
Created new summary for Rest Bugis Hotel
Created new summary for Marina Bay Sands Singapore
Created new summary for Siloso Beach Resort - Sentosa
Created new summary for Resorts World Sentosa - Equarius Hotel
Created new summary for Royal Plaza on Scotts
Created new summary for The Snooze Hotel Bugis
Created new summary for Yotel Singapore Orchard Road
Created new summary for Kam Leng Hotel
```

localhost:8000/admin/property\_info/propertysummary/

WELCOME, AURIN VIEW SITE / CHANGE PASSWORD / LOG OUT

Home > Property Info > Property summaries

Start typing to filter...

AUTHENTICATION AND AUTHORIZATION

- Groups + Add
- Users + Add

PROPERTY INFO

- Hotels + Add
- Property rating reviews + Add
- Property summaries + Add

Select property summary to change

ADD PROPERTY SUMMARY +

Q [ ] Search

Action: [-----] Go 0 of 10 selected

| <input type="checkbox"/> | PROPERTY ID | SUMMARY   |
|--------------------------|-------------|---|
| <input type="checkbox"/> | 995076      | Located near Boon Keng Metro Station and Lavender, Kam Leng Hotel provides guests with convenient access to transportation and popular attractions within the area. The hotel offers a range of room types to suit various budgets and needs, with standard queen rooms featuring comfortable amenities like air conditioning and cable TV. Guests can also enjoy the hotel's swimming pool and fitness center, as well as its restaurant serving delicious Chinese cuisine. Overall, Kam Leng Hotel is an excellent choice for those seeking a convenient location in Singapore.   |
| <input type="checkbox"/> | 8497129     | Hotel Yotel Singapore Orchard Road is a luxury hotel located in the heart of Singapore's vibrant business district near Orchard Metro Station and Orchard Road, offering guests stunning views of the city skyline. The hotel offers premium queen-room accommodations with modern amenities, including free Wi-Fi, flat-screen TVs, minibars, and high-quality linens. In addition to its prime location, Yotel Singapore Orchard Road boasts a range of luxurious facilities such as a fitness center, rooftop pool, and spa, all designed to pamper guests' wellbeing. The hotel's stylish decor and comfortable furnishings create a soothing atmosphere, making it an excellent choice for travelers seeking relaxation and indulgence. Overall, this is a highly recommended option for business travelers or leisurely tourists looking for a high-end stay in the heart of Singapore's vibrant city life. |
| <input type="checkbox"/> | 115830227   | Located in the heart of Bugis, The Snooze Hotel Bugis offers comfortable accommodations with a range of amenities, including air conditioning, free Wi-Fi, and flat-screen TVs. Room types include SNOOZE Classic Twin Rooms (No Window), offering guests a spacious and modern space, with ample natural light from the windowless windows. The hotel also features a rooftop bar and restaurant, providing a unique dining experience for those looking to unwind after a day of sightseeing or exploring the city. With its central location and affordable prices, The Snooze Hotel Bugis is an excellent choice for budget-conscious travelers seeking a   |

3. docker exec -it django-new python manage.py rewrite\_property\_rating\_review

```
(venv) PS D:\W3\W3-Ass10-LLM> docker exec -it django-new python manage.py rewrite_property_rating_review
```

```
Rating and review for Royal Plaza on Scotts saved.  
Rating and review for The Snooze Hotel Bugis saved.  
Rating and review for Yotel Singapore Orchard Road saved.  
Rating and review for Kam Leng Hotel saved.  
(venv) PS D:\W3\W3-Ass10-LLM>
```

The screenshot shows a web browser at localhost:8000/admin/property\_info/propertyratingreview/. The interface includes a sidebar with navigation links: AUTHENTICATION AND AUTHORIZATION (Groups, Users), PROPERTY\_INFO (Hotels, Property rating reviews, Property summaries), and a main content area. The main area has a search bar, an 'ADD PROPERTY RATING REVIEW' button, and a table of reviews. The table has columns for PROPERTY ID, RATING, and REVIEW. Five reviews are listed, each with a checkbox for selection.

| PROPERTY ID                        | RATING | REVIEW  |
|------------------------------------|--------|---|
| <input type="checkbox"/> 995076    | 4.6    | Rating: 4.6   |
| <input type="checkbox"/> 8497129   | 4.5    | I recently stayed at the Yotel Singapore Orchard Road Hotel for a business trip. The hotel is located in an ideal location near Orchard Metro Station and is well-connected to other parts of the city via buses and taxis. The hotel has a premium room type that comes with amenities like king size bed, 42" LCD TV, complimentary breakfast, fitness center, business center, and onsite restaurant.  |
| <input type="checkbox"/> 115830227 | 4.5    | The Snooze Hotel is one of the most affordable hotels in Singapore, and we had a pleasant stay here. The hotel's location near the Bugis Metro Station is convenient, and it was easily accessible to many tourist attractions in the area. We loved the room's clean, comfortable bedding, a decent-sized desk for working, and ample storage space for our belongings. While we appreciated the central location, we were a bit disappointed with the hotel's small bathroom, but we didn't expect much in this price range. Our only real complaint was that the room's no window makes it difficult to adjust the lighting during the day. All in all, we had an enjoyable stay at The Snooze Hotel and would recommend it to anyone looking for a budget-friendly option in Singapore's CBD. |
| <input type="checkbox"/> 687592    | 4.5    | Marina Bay Sand Hotel is a luxurious property located near Marina Bay, with breathtaking views of the Singapore skyline. The hotel has an excellent location and impressive amenities that make it stand out among other hotels in the city.  |
| <input type="checkbox"/> 3801236   | 4.25   | Enjoying a stay at Hotel Bos, my overall impression was pleasantly positive. The hotel's location near the Lavender Metro Station was convenient and made it easy to access local attractions such as shops, restaurants, and nightlife spots. The  |

- For Unit Testing, run this following commands:

```
docker exec -it django-new bash
```

```
pip install coverage
```

```
coverage run --source='.' manage.py test
```

```
coverage report
```

```
(venv) w3e55@w3e55:~/Assignments/W3-Ass10-LLM$ docker exec -it django-new bash  
root@8b900c92b51c:/app# pip install coverage  
Collecting coverage  
  Downloading coverage-7.6.10-cp39-cp39-manylinux_2_5_x86_64.manylinux1_x86_64.manylinux_2_17_x86_64.manylinux2014_x86_64.whl (235 kB)  
    Download coverage-7.6.10-cp39-cp39-manylinux_2_5_x86_64.manylinux1_x86_64.manylinux_2_17_x86_64.manylinux2014_x86_64.whl (235 kB)  
Installing collected packages: coverage  
Successfully installed coverage-7.6.10  
WARNING: Running pip as the 'root' user can result in broken permissions and conflicting behaviour with the system package manager. It is recommended to use a virtual environment instead: https://pip.pypa.io/warnings/venv  
[notice] A new release of pip is available: 23.0.1 -> 24.3.1  
[notice] To update, run: pip install --upgrade pip  
root@8b900c92b51c:/app# coverage run --source='.' manage.py test
```