Setup

Required libraries/packages: python3, python3-pip, virtualenv, django>=4.0.0,<4.1.0, djangorestframework, djangorestframework-simplejwt, pillow, pyyaml, requests, django-cors-headers

To set up all above environment in your Ubuntu 20.04.5 LTS, run the following command in default WSL location (cannot work on a mounted drive!):

```
source ./startup.sh
```

To run the project:

source ./run.sh

Description

Apps:

- Accounts
- Properties
- Reservations
- Comments
- Notifications

Models:

- User
- Property
 - Pricetag
- Reservation
- Property Comment
- User Comment
- Notification

Model Breakdown:

User Model:

Fields: username, password1, password2, first_name, last_name, email, phone_number, address_1, address_2, city, zip_postcode, state_province, country, avatar

Property Model:

Fields: owner, property_name, country, city, detailed_address, zip_postcode, phone_number, email, property_type, bedrooms, washrooms, livingrooms, place_type, guests, property_description, last_modified, wifi, tv, bath_tub, free_parking, air_condition, pool, gym, fire_extinguisher, status, price, image1-8

Pricetag Model:

Fields: property, start_date, end_date, price

Reservation Model:

Fields: reserve_guest, reserve_host, reserve_property, check_in, check_out, last_modified, STATUS_CHOICES(string, choices: 'pending', 'denied', 'approved', 'canceled', 'terminated', 'completed', 'expired', 'pending canceled')

Property Comment Model:

Fields: text, property, parent_comment, user

User Comment Model:

Fields: user, host, text

Notification Model:

```
Fields: type(string, choices: 'NEW', 'deniedHCANCEL', 'APPROVED', 'UCANCEL', user, property
```

End Point Summary:

/: Index welcome page

User Endpoints:

```
/accounts/signup/ [get, post]: Register a new user
/accounts/login/ [get, post]: Log in user and get and cache an jwt authentication
token (store in cookie)
/accounts/logout/ [get]: Log out user and delete authentication token from cookie
/accounts/profile/view/ [get]: View current user profile
/accounts/profile/edit/ [get, post]: Edit current user profile
/accounts/changepassword/ [get, post]: Change user password
```

Property Endpoints:

```
/properties/create/ [get, post]: For host to create a property, at the same time
print all properties of this user

/properties//property_id>/edit/ [patch, put]: For host to edit a property

/properties//property_id>/detail/ [get]: Anyone can view a property detail

/properties//property_id>/delete/ [delete]: For host to delete a property

/properties/list/ [get]: For host to see all his/her properties

/properties/search/ [get]: For any user to search for available property.
```

Pricetag Endpoints:

/properties/price/create/ [post] For a host to create special
rates for certain period

/properties/price/list/ [get]: For a host to see all special rates
for a certain property

/properties/price/<price_id>/delete/ [delete]: For a host to delete special
rates

Reservation Endpoints:

/reservations/property/property_id>/book/:[post]For a logged-in user to book a property.

/reservations/guest/list/:[get] For a logged-in user to see all his reservations
as a guest

/reservations/host/list/:[get] For a logged-in user to see all reservations as a
host

/reservations/guest/<reservation_id>/?status=xxx :[patch, get] For a
guest to update status (cancel)

/reservations/host/roperty_id>/?status=xxx :[patch, get] For a host to
update status (approve, deny, terminate)

/reservations/completed/list/ [get] A list filter by status = completed
/reservations/approved/list/ [get]: A list filter by status = approved
/reservations/denied/list/ [get]: A list filter by status = denied
/reservations/pending/list/ [get]: A list filter by status = pending
/reservations/expired/list/ [get]: A list filter by status = expired
/reservations/terminated/list/ [get]: A list filter by status = canceled
/reservations/canceled/list/ [get]: A list filter by status = canceled

Comments Endpoints:

/comments/property//comments of a property.

/comments/property/property_id>/ [post]: For a user to add a new comment on
a property that he or she just stayed at.

/comments/property/comment_id>/ [get]: To view a property
comments.

/comments/property/comment_id>/ [post]: To reply a property
comments.

/comments/user/<user_id>/ [get]: To view comments on a user

/comments/user/<user_id>/ [post]: For host to add a comment on a user

Notifications Endpoints:

```
/notifications/ [get]: List all notifications for a user.
/notifications/ [post]: Create a notification for a user.
```

/notifications/<notification_id> [get]: Mark a notification as read.

End Point Special Instructions:

User Endpoints:

Endpoint: /accounts/login/

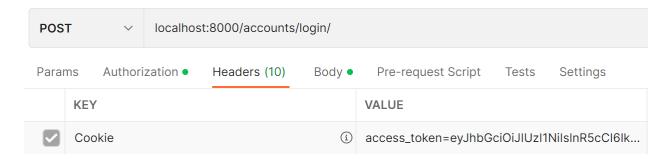
Methods: GET, POST

Fields/payload: username, password

Validation errors:

• All fields are required

Description: Login user using jwt token-based authentication. The generated token will be cached into a cookie. When the user logout, this cookie will get deleted.



Please use the **Body** section to enter any form key and values.

Endpoint: /accounts/profile/edit/

Methods: GET, POST

Fields/payload: username, first_name, last_name, email, phone_number, address 1, address 2, city, zip postcode, state province, country, avatar

Validation errors:

username, first name, last name, email, phone number are required

Description: all fields will be prefilled for the user. A user can only view and edit his/her profile.

Property Endpoints Details:

Endpoint: /properties/create/

Methods: GET. POST

Fields/payload: owner, property_name, country, city, detailed_address, zip_postcode, phone_number, email, property_type, bedrooms, washrooms, livingrooms, place_type, guests, property_description, last_modified, wifi, tv, bath_tub, free_parking, air_condition, pool, gym, fire_extinguisher, status, price, image1-8

Validation errors:

property_name, country, city, detailed_address, zip_postcode,
 property_type, bedrooms, washrooms, livingrooms, guests, are required

Description: POST for host to create a property. **GET** will list all properties that current user owns.

Endpoint: /properties//edit/

Methods: PATCH, PUT(overwritten to act same as PATCH, but you should use PATCH for any action)

Fields/payload: property_name, country, city, detailed_address, zip_postcode, phone_number, email, property_type, bedrooms, washrooms, livingrooms, place_type, guests, property_description, last_modified, wifi, tv, bath_tub, free_parking, air_condition, pool, gym, fire_extinguisher, status, price, image1-8

Description: All fields will be prefilled for the host, any new changes will be updated.

Endpoint: /properties/search/

Methods: GET

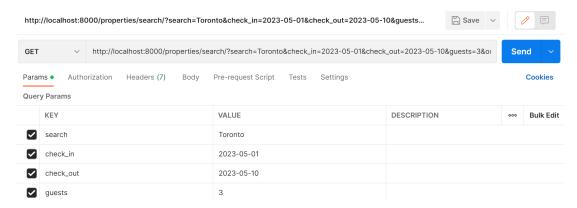
Keywords for filtering: "search" (for location search), "check_in"
(required), "check_out" (required), "min_price", "max_price",
"guests", "bedrooms", "washrooms", "swimpool", "wifi", "tv", "gym",
"fire extinguisher", "aircondition", "parking"

order_by: "highest_price", "lowest_price", "bedrooms", "washrooms"

Validation errors:

check_in, check_out are required

Description: data.json are for testing search features



You can either enter key and value through the url using? at the beginning and & for the next key, or using the **Params** section in Postman to enter key value pair

Search location will search any keywords that match the property's city, country, state province, zip postcode.

• The database includes 4 cities: Los Angeles, Toronto, New York, London check in and check out date required format of yyyy-mm-dd, it should prompt error messages if the format is incorrect.

```
"swimpool", "wifi", "tv", "gym", "fire_extinguisher", "aircondition",
"parking" are boolean variables for filtering amenities.
```

If a property has a status of false, i.e., the host does not want his/her property to be a public listing, it cannot be searched.

• In data.json, property 1 (owned by john doe (user id: 2), Beautiful Villa in Los Angeles) will never show up in any search result unless Joe set its status to be true.

Any reservations within the search date range that have a status of approved, will not be present in the search result.

• In data.json, property 3 (owned by john doe, Cozy House in Los Angeles) is reserved (approved) from 2023-08-20 to 2023-08-22 will not show up with search results that overlap this range.

If you want to test out amenities, you can try out London for location, most of the London property has aircondition set to false.

Hosts can set special rates for their preferred dates/durations. The preferred rates are also considered when filtering for min or max price.

• Property 2 (owned by john doe, Luxury Apartment in Los Angeles) has a default rate of \$100/night, however, from 2023-04-01 to 2023-04-05, it has a special rate of \$150/night.

Pricetag Endpoints:

Endpoint: /properties//property id>/price/create/

Methods: POST

Description: For a host to create a special rate for a time period

Fields/payload: start_date, end_date, price

Reservation Endpoints Details:

Endpoint: /reservations/property/property_id>/book/

Methods: POST

Fields/payload:

Validation errors:

All fields are required

Description: For a user to book a property. Only authenticated users can access this endpoint. Once the booking is confirmed, a reservation object is created.

Comments Endpoints Details:

Endpoint: /comments/property/property_id>/

Methods: GET

Description: View all comments and replies on the property

Methods: POST

Fields/payload: text, parent_comment, user, property

Description: Most a reply or comment on the property. Only hosts can reply to messages, or users who have reserved the property in the past. Comments that contain parent_comment is a reply, if parent_comment is null then it is an original comment from the user.

Endpoint: /comments/user/<user_id>/

Methods: GET

Description: View all comments on a particular user

Methods: POST

Fields/payload: text, user, host

Description: Post a comment on the user from host

Endpoint: /notifications/

Methods: GET

Description: View all the notifications of the current user

Methods: Post

Fields/payload: type, user, property

Description: Post a notification to user regarding the status of the said property, the

type is a choice:

```
CHOICES = (
    ("NEW", "Host: New Reservation"),
    ("HCANCLE", "Host: Reservation Canceled"),
    ("APPROVED", "User: Approved Reservation"),
    ("UCANCLE", "User: Requst Canceled")
)
```

data.json Details:

Users:

id/pk	1	2	3	4	5
username	admin	john_doe	jane_smith	jackie_chan	alice_smith
first_name	Admin	John	Jane	Jackie	Alice
last_name	User	Doe	Smith	Chan	Smith
email	admin@examp le.com	johndoe@exa mple.com	<pre>janesmith@e xample.com</pre>	jackiechan@ example.com	alicesmith@ example.com
password	12345678	12345678	12345678	12345678	12345678
phone_numbe	123-456-789 0	555-123-456 7	123-555-678 9	999-888-777 7	234-223-556 6

is_superuse	true	false	false	false	false
is_staff	true	false	false	false	false
is_active	true	true	true	true	true
date_joined	2023-03-09T 00:00:00Z	2023-03-09T 00:00:00Z	2023-03-09T 00:00:00Z	2023-03-09T 00:00:00Z	2023-03-09T 00:00:00Z
avatar	avatar/avat ar.jpg				

Properties:

Total: 22 properties

John Joe's Properties

id/pk	1	2	3	4	5	6	7
owner	2 john_doe	2 john_doe	2 john_doe	2 john_doe	2 john_doe	2 john_doe	2 john_doe
property_ name	Beautiful Villa	Luxury Apartmen t	Cozy House	Stylish Townhous e	Rustic Cabin	Spacious House	Secluded Cabin
country	United States	United States	United States	United States	United States	United States	United States
city	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles
detailed_a ddress	1234 Hollywoo d Blvd	4321 Wilshire Blvd	5678 Sunset Blvd	9876 Melrose Ave	2468 Mulhollan d Dr	1111 Rodeo Dr	3690 Laurel Canyon Blvd
zip_postc ode	90028	90010	90027	90069	90069	90210	91604
phone_nu mber	555-123-4 567	555-123-4 567	555-123-4 567	555-123-4 567	555-123-4 567	555-123-4 567	555-123-4 567
email	johndoe@	johndoe@	johndoe@	johndoe@	johndoe@	johndoe@	johndoe@

	example.c om	example.c om	example.c om	example.c om	example.c om	example.c om	example.c om
property_ type	Apartmen t	Apartmen t	House	Townhous e	Cabin	House	Cabin
bedrooms	1	2	6	4	3	6	3
washroom s	1	2	6	3	2	4	3
livingroo ms	1	1	2	1	1	2	1
guests	2	4	12	8	6	12	6
property_ descriptio n	A beautiful and spacious villa in the heart of Los Angeles.	A luxurious and modern apartmen t in the heart of Los Angeles.	A cozy and charming house located in the heart of Los Angeles.	A stylish and elegant townhous e in the heart of Los Angeles.	A charming and rustic cabin nestled in the hills of Los Angeles.	A spacious and modern house in the prestigiou s Beverly Hills area of Los Angeles.	A secluded and peaceful cabin located in the scenic hills of Studio City, Los Angeles.
last_modi fied	2023-03-0 9T00:00:0 0Z	2023-03-0 9T00:00:0 0Z	2023-03-0 9T00:00:0 0Z	2023-03-0 9T00:00:0 0Z	2023-03-0 9T00:00:0 0Z	2023-03-0 9T00:00:0 0Z	2023-03-0 9T00:00:0 0Z
swimpool	false	false	true	false	false	true	false
wifi	true	true	true	true	true	true	true
tv	true	true	true	true	true	true	true
gym	false	true	true	true	false	true	false
fire_extin guisher	true	true	true	true	true	true	true
airconditi on	true	true	true	true	true	true	true
parking	false	false	true	true	true	true	true
bathtub	false	false	false	false	false	true	false

status	false	true	true	true	true	true	true
price	100	120	300	180	150	320	175
image1	property_i mage\pro perty_det ails1.jpg	property_i mage/plac e2.jpg	property_i mage/plac e3.jpg	property_i mage/plac e4.jpg	property_i mage/plac e5.jpg	property_i mage/plac e6.jpg	property_i mage/plac e7.jpg
image2	property_in	nage\propert	y_details2.jp	g			

Jane Smith's Properties

id/pk	8	9	10	11	12	13
owner	3 jane_smith	3 jane_smith	3 jane_smith	3 jane_smith	3 jane_smith	3 jane_smith
property_na me	Downtown Condo	Victorian House	Modern Townhouse	Cozy Apartment	Chic Loft	Stylish Flat
country	Canada	Canada	Canada	Canada	United States	United Kingdom
city	Toronto	Toronto	Toronto	Toronto	New York	London
detailed_ad dress	123 Yonge St	456 Queen St E	789 King St W	101 Elm St	123 Broadway	123 Oxford St
zip_postcod e	M5C 1W4	M5A 1T7	M5V 1N4	M5G 1H1	10010	W1D 2EU
phone_num ber	123-555-67 89	123-555-67 89	123-555-67 89	123-555-67 89	123-555-67 89	123-555-67 89
email	janesmith@ example.co m	janesmith@ example.co m	janesmith@ example.co m	janesmith@ example.co m	janesmith@ example.co m	janesmith@ example.co m
property_ty pe	Apartment	House	Townhouse	Apartment	Apartment	Apartment
bedrooms	3	7	4	3	2	3
washrooms	3	4	2	2	2	2

livingrooms	1	2	1	1	1	1
guests	6	14	8	6	4	6
property_d escription	A luxurious and modern condo in the heart of downtown Toronto.	A charming and historic Victorian house in the trendy neighbourh ood of Leslieville, Toronto.	A sleek and contempora ry townhouse in the vibrant King West neighbourh ood of Toronto.	A cozy and comfortable apartment located in the heart of downtown Toronto.	A stylish and modern loft in the trendy neighbourh ood of Flatiron, New York.	A stylish and modern flat located in the heart of London's West End.
last_modifie d	2023-03-09 T00:00:00Z	2023-03-09 T00:00:00Z	2023-03-09 T00:00:00Z	2023-03-09 T00:00:00Z	2023-03-09 T00:00:00Z	2023-03-09 T00:00:00Z
swimpool	false	true	false	false	false	false
wifi	true	true	true	true	true	true
tv	true	true	true	true	true	true
gym	true	true	true	true	true	true
fire_extingu isher	true	true	true	true	true	true
aircondition	true	true	true	true	true	true
parking	false	true	true	true	false	true
bathtub	false	true	false	true	false	true
status	true	true	true	true	true	true
price	225	400	250	200	150	175
image1	property_i mage/place 8.jpg	property_i mage/place 9.jpg	property_i mage/place 1.jpg	property_i mage/place 2.jpg	property_i mage/place 3.jpg	property_i mage/place 4.jpg
image2						

Jackie Chan's Properties

owner dischession of the property_name owner deatiled_addr ess detailed_addr ess destates detailed_addr ess detailed_ess detailed	id/pk	14	15	16	17	18
country Canada Canada United States United States United Kingdom city Toronto Toronto New York London detailed_addr 222 Bloor St W 333 High Park ess M55 1T8 M6P 2S8 10022 11213 N7 OSH phone_numbe 999-888-7777 999-888-7777 999-888-7777 999-888-7777 r email jacklechan@ex ample.com jacklechan	owner		-	-	-	-
city Toronto Toronto New York London detailed_addr 222 Bloor St W Ave Park Ave Brooklyn Ave Camden Rd zip_postcode M5S 1T8 M6P 2S8 10022 11213 N7 OSH phone_numbe phone_numbe jackiechan@ex ample.com jackiechan@ex jackiechan@ex ample.com jackiechan@ex jackiechan@ex ample.com jackiechan@ex ample.com jackiechan@ex jackiechan@ex ample.com jackiechan@ex jackiechan@ex ample.com jackiechan@ex j	· · · · · · · · · · · · · · · · · · ·	Luxury House	_	•	•	
detailed_addr ess	country	Canada	Canada		United States	
Ave Park Ave Brooklyn Ave Camden Rd zip_postcode M5S 1T8 M6P 2S8 10022 11213 N7 OSH phone_numbe 999-888-7777 999-888-7777 999-888-7777 999-888-7777 999-888-7777 email jackiechan@ex ample.com imple.com jackiechan@ex ample.com jackiechan@ex ampl	city	Toronto	Toronto		New York	London
phone_numbe	_	222 Bloor St W	_			
email jackiechan@ex ample.com jackiechan@ex ample.com jackiechan@ex ample.com jackiechan@ex ample.com jackiechan@ex ample.com jackiechan@ex ample.com ample.com ample.com property_type House House Apartment House House bedrooms 4 5 3 4 8 washrooms 3 3 2 4 7 livingrooms 1 1 1 1 1 2 guests 8 10 6 8 16 property_desc ription A luxurious and spacious house in the prestigious Yorkville neighbourhoo d of Toronto Park neighbourhoo d of Toronto. A charming and cozy cottage located in the beautiful High Park neighbourhoo d of Toronto. A charming and cozy cottage located in the upscale Upper East Side neighbourhoo d of Crown neighbourhoo d of New York. Brooklyn, New York. Brooklyn, New York. Brooklyn, New York. Brooklyn, New York.	zip_postcode	M5S 1T8	M6P 2S8	10022	11213	
property_type House House Apartment House House bedrooms 4 5 3 4 8 washrooms 3 3 2 4 7 livingrooms 1 1 1 1 1 2 guests 8 10 6 8 16 property_desc ription A luxurious and spacious house in the prestigious Yorkville neighbourhoo d of Toronto Holisphourhoo d of Toronto ample.com ample.com ample.com ample.com ample.com ample.com ample.com ample.com ample.com ample.com ample.com ample.com ample.com ample.com ample.com ample.com ample.com ample.com ample.com ample.com ample.com ample.com ample.com ample.com ample.com ample.com ample.com ample.com ample.com ample.com ample.com ample.com ample.com ample.com ample.com ample.com ample.com ample.com ample.com ample.com ample.com ample.com ample.com ample.com ample.com apple.com a 4	_	999-888-7777	999-888-7777	999-888-7777	999-888-7777	999-888-7777
bedrooms 4 5 3 4 8 washrooms 3 3 2 4 7 livingrooms 1 1 1 1 1 2 guests 8 10 6 8 16 property_desc ription A Luxurious and spacious house in the prestigious Yorkville neighbourhoo d of Toronto d of Toronto. A Luxurious and cozy cottage located in the prestigious Yorkville neighbourhoo d of Toronto. Beautiful High park neighbourhoo d of New York. Brooklyn, New York. Brooklyn, New York. Brooklyn, New York. Brooklyn, New York. Washrooms 4 8 8 A 7 It 1 1 2 A A A A A A A A A A A A A A A A A A	email	•	•	•	-	•
washrooms 3 3 2 4 7 livingrooms 1 1 1 1 1 2 guests 8 10 6 8 16 property_desc ription A luxurious and spacious house in the prestigious Yorkville neighbourhoo d of Toronto d of Toronto. A charming and cozy cottage located in the beautiful High neighbourhoo d of Toronto. A charming and charming and charming and spacious spacious penthouse located in the upscale Upper historic neighbourhoo d of Crown neighbourhoo d of New York. Brooklyn, New York. A Charming and charming and charming and beautiful and historic located in the upscale Upper historic neighbourhoo d of Crown neighbourhoo d of Crown heighbourhoo d of Camden, London.	property_type	House	House	Apartment	House	House
guests 8 10 6 8 16 property_desc ription A luxurious and spacious house in the prestigious Yorkville neighbourhoo d of Toronto A of Toronto B of To	bedrooms	4	5	3	4	8
guests 8 10 6 8 16 property_desc ription	washrooms	3	3	2	4	7
property_desc	livingrooms	1	1	1	1	2
ription and spacious and cozy luxurious and charming and beautiful and house in the prestigious located in the penthouse brownstone Victorian located in the neighbourhoo d of Toronto neighbourhoo d of New York. In and spacious and cozy luxurious and charming and beautiful and beautiful and spacious cozy historic located in the townhouse located in the upscale Upper historic located in the neighbourhoo d of Crown neighbourhoo d of Crown neighbourhoo d of New York. Brooklyn, New d of Camden, York. London.	guests	8	10	6	8	16
last_modified 2023-03-09T0 2023-03-09T0 2023-03-09T0 2023-03-09T0 2023-03-09T0	· · · · · · · · · · · · · · · · · · ·	and spacious house in the prestigious Yorkville neighbourhoo	and cozy cottage located in the beautiful High Park neighbourhoo	luxurious and spacious penthouse located in the upscale Upper East Side	charming and cozy brownstone located in the historic neighbourhoo d of Crown Heights, Brooklyn, New	beautiful and historic Victorian townhouse located in the vibrant neighbourhoo d of Camden,
	last_modified	2023-03-09T0	2023-03-09T0	2023-03-09T0	2023-03-09T0	2023-03-09T0

	0:00:00Z	0:00:00Z	0:00:00Z	0:00:00Z	0:00:00Z
swimpool	true	true	false	true	true
wifi	true	true	true	true	true
tv	true	true	true	true	true
gym	true	true	true	true	true
fire_extinguish er	true	true	true	true	true
aircondition	true	true	true	true	false
parking	true	true	true	true	true
bathtub	false	true	false	true	true
status	true	true	true	true	true
price	200	275	150	400	700
image1	property_imag e/place5.jpg	property_imag e/place6.jpg	property_imag e/place7.jpg	property_imag e/place8.jpg	property_imag e/place9.jpg
image2					

Alice Smith's Properties

id/pk	19	20	21	22
owner	5 alice_smith	5 alice_smith	5 alice_smith	5 alice_smith
property_name	Modern Condo	Classic Apartment	Luxury Apartment	Cozy Cottage
country	United States	United States	United Kingdom	United Kingdom
city	New York	New York	London	London
detailed_address	1010 5th Ave	55 Central Park West	789 Chelsea Embankment	101 Highgate West Hill
zip_postcode	10028	10023	SW3	N6

			4LJ	6PB
phone_number	234-223-5566	234-223-5566	234-223-5566	234-223-5566
email	alicesmith@exam ple.com	alicesmith@exam ple.com	alicesmith@exam ple.com	alicesmith@exam ple.com
property_type	Apartment	Apartment	Apartment	House
bedrooms	2	3	2	3
washrooms	2	2	2	2
livingrooms	1	1	1	1
guests	4	6	4	6
property_descript ion	A sleek and contemporary condo in the posh Upper East Side neighbourhood of New York.	A classic and elegant apartment overlooking Central Park, located in the iconic Upper West Side neighbourhood of New York.	A luxurious and spacious apartment overlooking the River Thames, located in the exclusive neighbourhood of Chelsea, London.	A charming and cozy cottage located in the leafy neighbourhood of Highgate, London.
last_modified	2023-03-09T00:00 :00Z	2023-03-09T00:00 :00Z	2023-03-09T00:00 :00Z	2023-03-09T00:00 :00Z
swimpool	false	false	false	true
wifi	true	true	true	true
tv	true	true	true	true
gym	true	true	true	true
fire_extinguisher	true	true	true	true
aircondition	true	true	false	false
parking	false	true	false	true
bathtub	false	true	false	false
status	true	true	true	true

price	500	600	450	580
image1	property_image/p lace2.jpg	property_image/p lace3.jpg	property_image/p lace4.jpg	property_image/p lace5.jpg
image2				

Reservations:

id	1	2	3	4	5	6	7	8	9
reserve_g uest	3	4	5	2	2	5	4	3	4
reserve_h ost	2	2	2	3	4	2	2	2	2
reserve_p roperty	2	2	3	11	14	3	4	5	5
check_in	2023-0 7-01	2023-0 7-05	2023-0 8-20	2023-0 5-01	2023-0 5-03	2023-0 3-23	2023-0 5-23	2023-0 2-15	2023-0 2-15
check_out	2023-0 7-05	2023-0 7-08	2023-0 8-22	2023-0 5-03	2023-0 5-05	2023-0 3-24	2023-0 6-24	2023-0 2-17	2023-0 2-17
status	pendin g	pendin g	approv ed	pendin g	pendin g	termina ted	denied	comple ted	cancele d
last_modi fied	2023-0 3-09T0 0:00:00 Z								

Pricetags:

id	1	2	3	4	5	6	7	8
property	2	2	2	3	4	5	11	14
start_dat e	2023-04- 01	2023-06- 01	2023-09- 01	2023-05- 01	2023-06- 15	2023-07- 01	2023-08- 01	2023-09- 01

end_dat	2023-04-	2023-06-	2023-09-	2023-05-	2023-06-	2023-07-	2023-08-	2023-09-
e	05	03	30	05	30	31	31	30
price	150	200	250	120	180	200	150	175