

Rental Property Listing Application

Project Description

The Property Rental Listing Application is a comprehensive platform designed to manage and streamline the rental property process. It serves as a central hub for property managers, renters, and administrators, offering a wide range of features to facilitate property listings, renter management, and rental agreement handling.

Functional Requirements

As an unauthenticated user, I can...

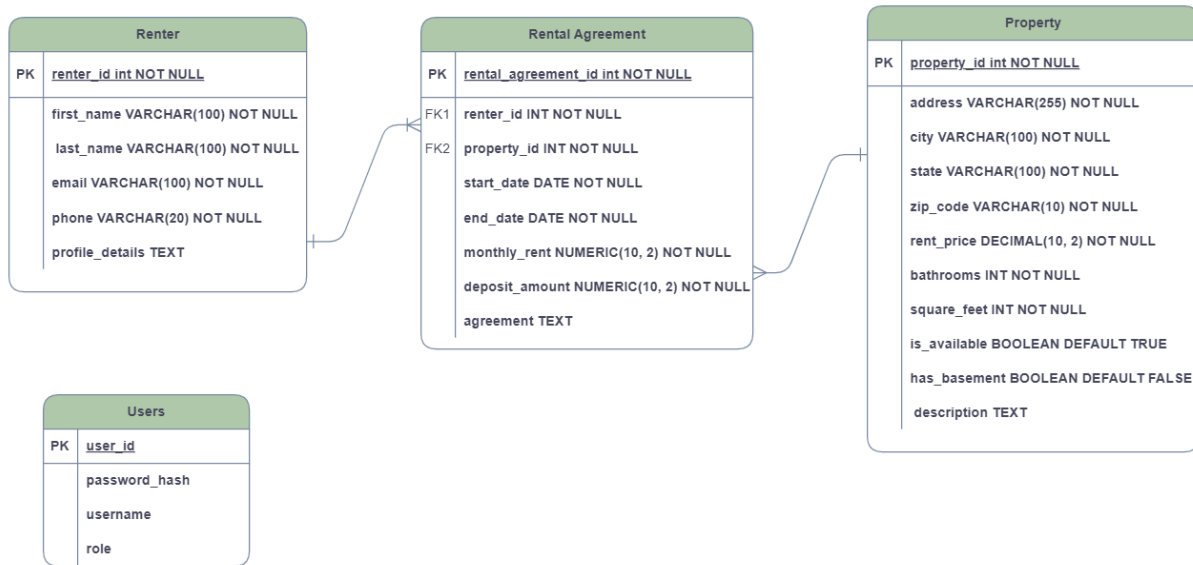
- Get a list of rental properties

As an authenticated user, I can...

- The system shall allow authenticated users to search for properties based on various filters such as location, rent price, number of bedrooms, etc.
- The system shall allow authenticated users to view detailed information about each property listing, including images and descriptions.

As an ADMIN, I can...

- The system shall allow the admin to add, update, and delete property listings.
- The system shall allow the admin to search and filter property listings.
- The system shall allow the admin to add, update, and delete renter profiles.
- The system shall allow the admin to search and filter renter profiles.
- The system shall allow the admin to create, update, and delete rental agreements.
- The system shall allow the admin to search and filter rental agreements.
- The system shall ensure that the admin has access to all system functionalities with role-based access control.



API Endpoints

Endpoint	Method	Query Parameters	Description	Success	Error	Authentication
/property	POST	None	Create a new property	201	400, 422	ADMIN
/property/{id}	PUT	None	Update a property	200	404, 409	ADMIN
/property/{id}	DELETE	None	Delete a property	200	404	ADMIN
/property	GET	None	Get all properties	200	500	NONE
/property/{id}	GET	None	Get property by id	200	404	USER
/renter	GET	None	Get all renters	200	500	USER
/renter/{renterId}	GET	None	Get a renter by Id	200	404	ADMIN
/renter	POST	None	Create a renter	201	400, 402	ADMIN
/rental_agreements/renter/{renterId}	GET	None	Get all rental agreements by renter id	200	404	ADMIN
/rental_agreements/property/{propertyId}	GET	None	Get all rental agreements by property id	200	404	ADMIN