

User Details App – Documentation

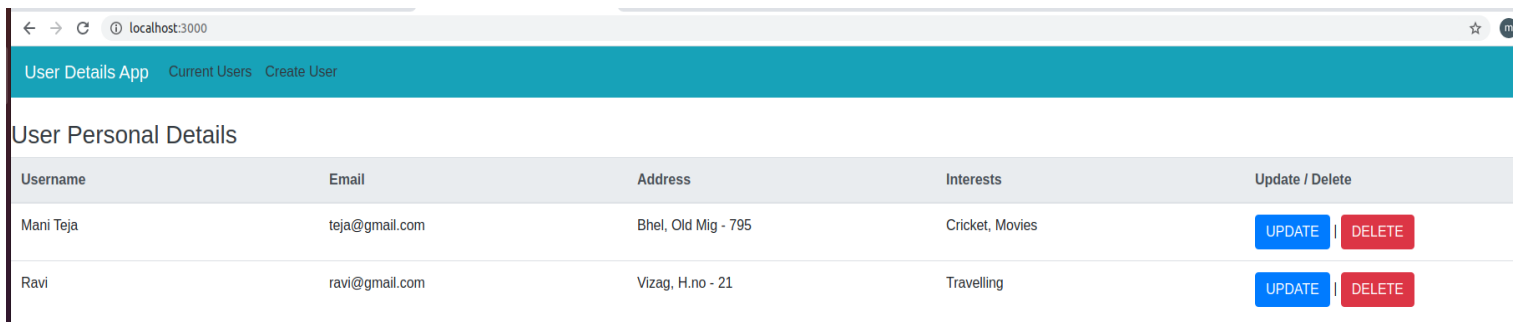
App Details

In this app, user can enter his personal details and can apply CRUD operations on this inserted data.

I have used Django Rest Framework for Backend, React for Frontend and MySQL as database for storing user personal details.

App Demo

User Details List (Read) - First, user can see all the current users list.

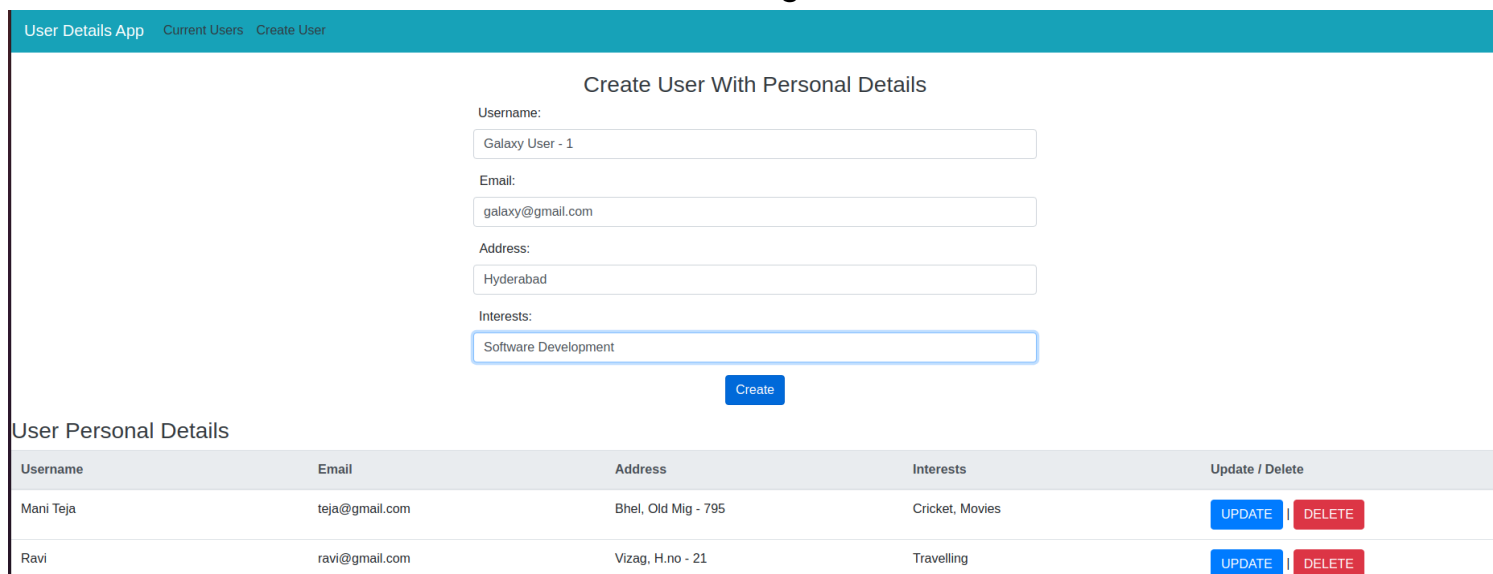


The screenshot shows a web browser at localhost:3000. The application has a teal header with navigation links: "User Details App", "Current Users", and "Create User". Below the header, the title "User Personal Details" is displayed. A table lists two users: Mani Teja and Ravi. Each row includes fields for Username, Email, Address, and Interests, followed by "UPDATE" and "DELETE" buttons.

Username	Email	Address	Interests	Update / Delete
Mani Teja	teja@gmail.com	Bhel, Old Mig - 795	Cricket, Movies	<button>UPDATE</button> <button>DELETE</button>
Ravi	ravi@gmail.com	Vizag, H.no - 21	Travelling	<button>UPDATE</button> <button>DELETE</button>

Above image is the landing page of application and it consists of all existing user details.

Create User Details Form - For creating new users with their details.



The screenshot shows the "Create User With Personal Details" form. It includes input fields for Username, Email, Address, and Interests, each with a label. A "Create" button is positioned below the form. Below the form, the "User Personal Details" table is visible, showing the same two users as the previous screenshot.

Create User With Personal Details

Username:

Email:

Address:

Interests:

Create

Username	Email	Address	Interests	Update / Delete
Mani Teja	teja@gmail.com	Bhel, Old Mig - 795	Cricket, Movies	<button>UPDATE</button> <button>DELETE</button>
Ravi	ravi@gmail.com	Vizag, H.no - 21	Travelling	<button>UPDATE</button> <button>DELETE</button>

User Created

User Details App Current Users Create User

User Personal Details

Username	Email	Address	Interests	Update / Delete
Mani Teja	teja@gmail.com	Bhel, Old Mig - 795	Cricket, Movies	<button>UPDATE</button> <button>DELETE</button>
Ravi	ravi@gmail.com	Vizag, H.no - 21	Travelling	<button>UPDATE</button> <button>DELETE</button>
Galaxy User - 1	galaxy@gmail.com	Hyderabad	Software Development	<button>UPDATE</button> <button>DELETE</button>

In the above form we have created a user (Galaxy User -1) and we can now see in the users list that we have successfully created a new user with his details.

User Update - For updating existing user details.

← → ↻ localhost:3000/update/Mani%20Teja

User Details App Current Users Create User

User Personal Details

Username	Email	Address	Interests	Update / Delete
Mani Teja	teja@gmail.com	Bhel, Old Mig - 795	Cricket, Movies	<button>UPDATE</button> <button>DELETE</button>
Ravi	ravi@gmail.com	Vizag, H.no - 21	Travelling	<button>UPDATE</button> <button>DELETE</button>
Galaxy User - 1	galaxy@gmail.com	Hyderabad	Software Development	<button>UPDATE</button> <button>DELETE</button>

Edit User Personal Details

Username:

Email:

Address:

Interests:

Update

This is the form to update current user. When we click on current existing users update button we will be redirected towards edit users page and there we can update that particular user details.

Here, we have updated user Mani Teja by changing interests from Cricket, Movies to Mobile Games.

User Updated

User Details App Current Users Create User					
User Personal Details					
Username	Email	Address	Interests	Update / Delete	
Ravi	ravi@gmail.com	Vizag, H.no - 21	Travelling	UPDATE	DELETE
Galaxy User - 1	galaxy@gmail.com	Hyderabad	Software Development	UPDATE	DELETE
Mani Teja	teja@gmail.com	Bhel, Old Mig - 795	Mobile Games	UPDATE	DELETE

Here, we can see that user we updated has been successfully updated.

User Delete - For deleting or removing users from list.

User Details App Current Users Create User					
User Personal Details					
Username	Email	Address	Interests	Update / Delete	
Ravi	ravi@gmail.com	Vizag, H.no - 21	Travelling	UPDATE	DELETE
Galaxy User - 1	galaxy@gmail.com	Hyderabad	Software Development	UPDATE	DELETE
Mani Teja	teja@gmail.com	Bhel, Old Mig - 795	Mobile Games	UPDATE	DELETE

We need to press delete button which is beside update button.

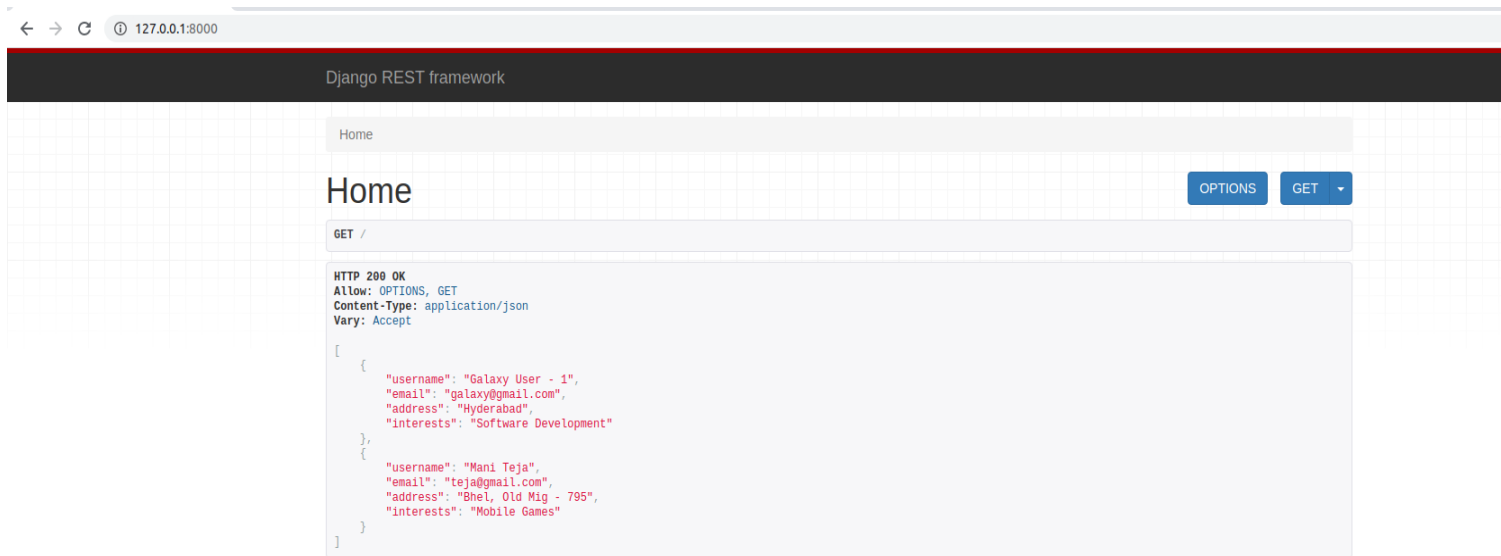
User Deleted

User Details App Current Users Create User					
User Personal Details					
Username	Email	Address	Interests	Update / Delete	
Galaxy User - 1	galaxy@gmail.com	Hyderabad	Software Development	UPDATE	DELETE
Mani Teja	teja@gmail.com	Bhel, Old Mig - 795	Mobile Games	UPDATE	DELETE

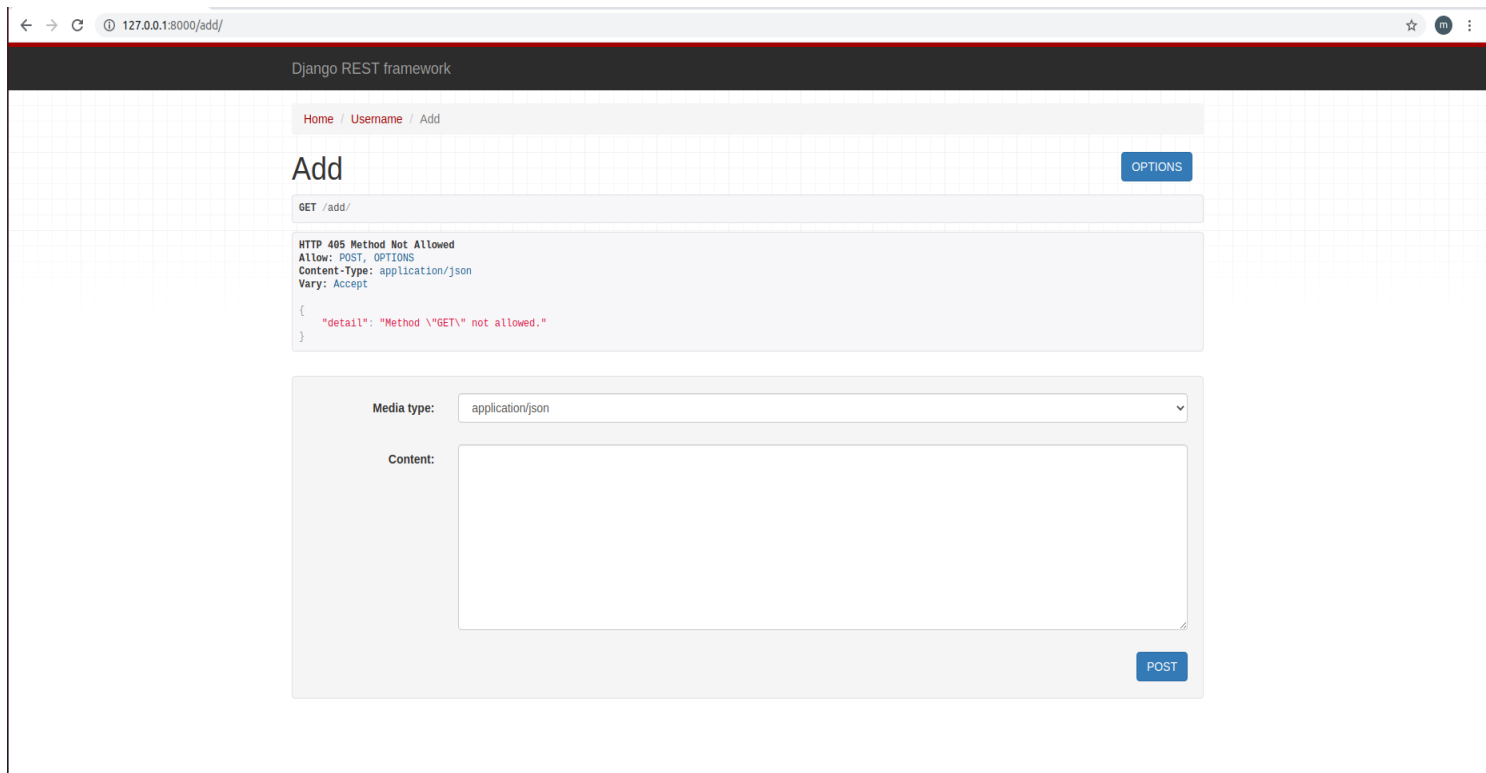
Previously, there is user named Ravi, now we can see there is no user Ravi since we have deleted it.

This is the complete working of application. We have seen all the CRUD operations on user inserted details.

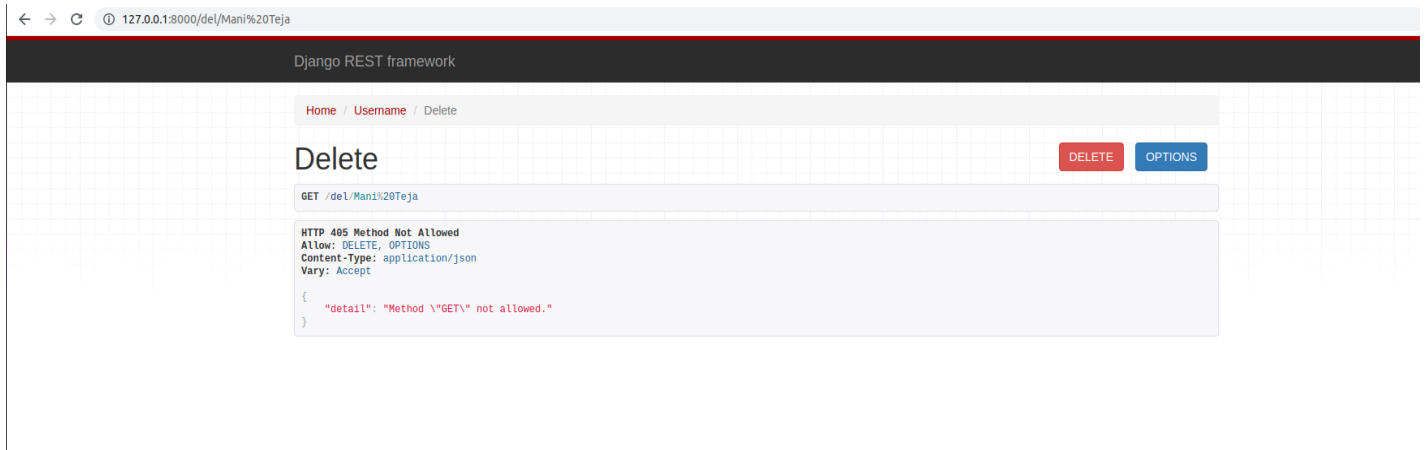
Django Rest Framework - API end-points



GET - request



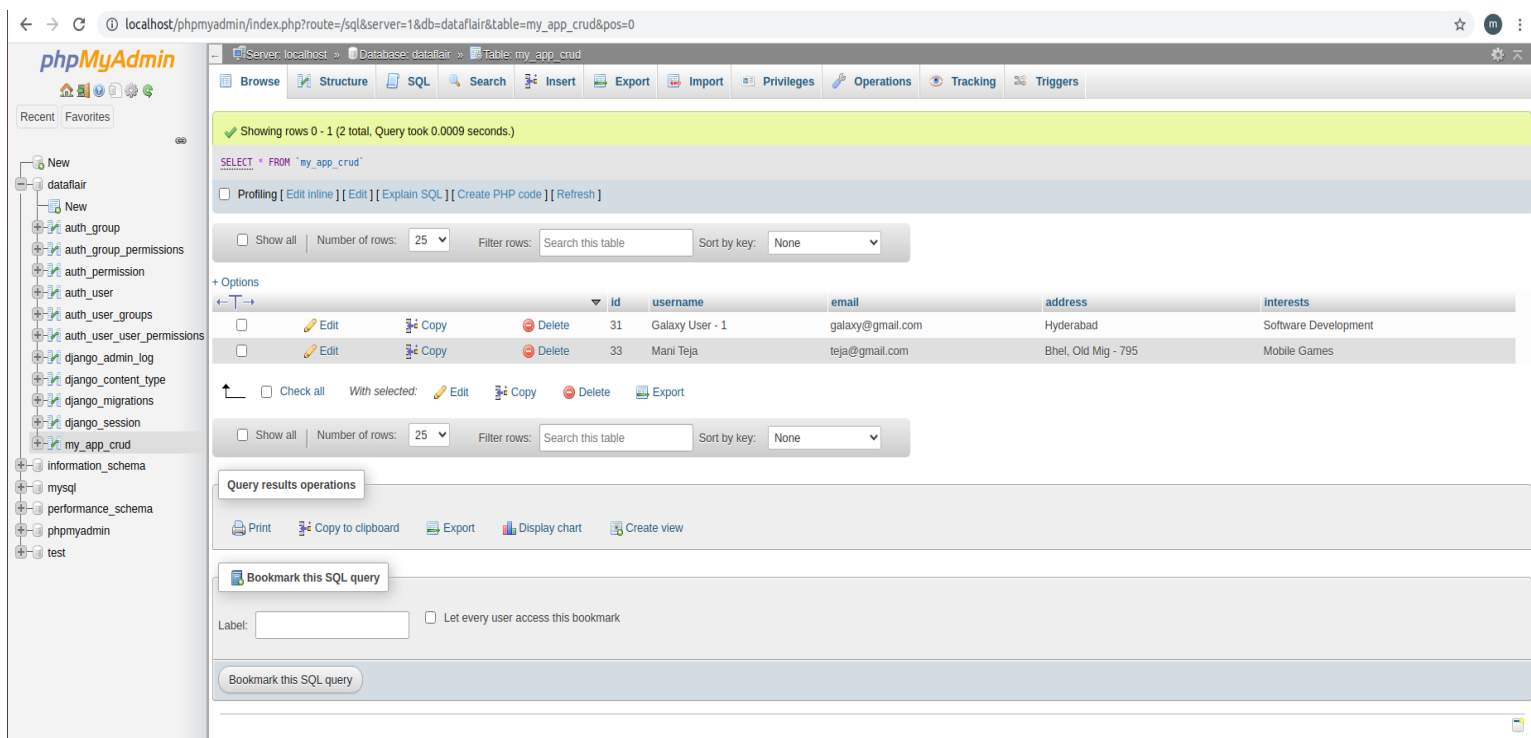
POST – request



DELETE - request

Database

Used MySQL as database for storage of user details.



This image shows how user details are stored in database.

Application Done By,
Mani Teja