



QUALITY ASSURANCE

SOFTWARE TESTING PROJECT
PROJECT - API TESTING SCRIPT & DEFECTS
DARSHAN GONIL

FLUTTER PROJECT API

SIGN UP API

► SIGN UP:

- POST API: Sign Up with given link in postman with the given parameters by using Body/Form-data, also get success message.

The screenshot shows the Postman application interface. In the left sidebar, under 'Darshan Gohil's Workspace', there is a 'Collections' section with 'Flutter Project API' selected. Under 'Flutter Project API', there are three items: 'POST Sign Up Krish API', 'POST Sign In Krish API', and 'User'. The 'User' item is expanded, showing two sub-items: 'POST Sign Up Krish API' and 'POST Sign In Krish API'. The main workspace shows a 'POST Sign Up Krish API' request. The URL is <https://prakrutitech.xyz/krish/signup.php?email=d@gmail.com&pass=d@0123456789&name=darshan&mobile=0123456789>. The 'Body' tab is selected, showing form-data with four fields: 'email' (value: darshan@gmail.com), 'pass' (value: d@0123456789), 'name' (value: darshan), and 'mobile' (value: 0123456789). Below the body, the response section shows a 200 OK status with a response time of 91 ms and a size of 223 B. The response body is JSON, containing the number 1. The bottom of the screen shows the Windows taskbar with various icons and the date/time as 11:45 AM 03-12-2025.

FLUTTER PROJECT API

SIGN IN API

► SIGN IN:

- POST API: Sign In with given link in postman with the given parameters by using Body/Form-data, also get success message.

The screenshot shows the Postman application interface. The left sidebar lists collections and environments. The main workspace shows a collection named "Flutter Project API" with a "Sign In Krish API" endpoint selected. The request method is set to "POST" and the URL is "https://prakruttitech.xyz/krish/signin.php?email=d@gmail.com&pass=d@0123456789". The "Body" tab is active, showing form-data with fields "email" (value: darshan@gmail.com) and "pass" (value: d@0123456789). The response section shows a 200 OK status with the JSON body: {"code": 200}. The bottom taskbar includes icons for Cloud View, Find and replace, Console, Terminal, and various system and application icons.

FLUTTER PROJECT API

SIGN IN API - WITH EMAIL PARAMETER ONLY

► SIGN IN WITH ONLY EMAIL PARAMETER:

- POST API: Sign In with given link in postman with the given parameters by using Body/Form-data, also get success message, which is wrong.

The screenshot shows a Postman interface with the following details:

- Collection:** Flutter Project API
- Request Type:** POST
- URL:** <https://prakruttitech.xyz/krish/signin.php?email=d@gmail.com&pass=d@0123456789>
- Body (form-data):**

Key	Value	Description
email	darshan@gmail.com	
pass	d@0123456789	
- Response:**

```
200 OK    74 ms   234 B  Save Response
{
  "code": 200
}
```

FLUTTER PROJECT API SIGN IN API - WITH WRONG EMAIL PARAMETER

► SIGN IN WITH WRONG EMAIL PARAMETER:

- POST API: Sign In with given link in postman with the given parameters by using Body/Form-data, also get success message.

The screenshot shows a Postman interface with the following details:

- Request Method:** POST
- URL:** <https://prakrutitech.xyz/krish/signin.php?email=d@gmail.com&pass=d@0123456789>
- Body Type:** form-data
- Body Fields:**

Key	Type	Description
email	Text	drshan@gmail.com
pass	Text	d@0123456789
- Response Status:** 200 OK
- Response Time:** 70 ms
- Response Size:** 223 B

FLUTTER PROJECT API

INSERT API

► INSERT:

- POST API: Insert data with given link in postman with the given parameters by using Body/Form-data, also get success message.

The screenshot shows the Postman interface with the following details:

- Collection:** Flutter Project API
- Request Type:** POST
- URL:** <https://prakrutitech.xyz/krish/insert.php>
- Body (Form-Data):**

Key	Type	Description
p_name	Text	god_of_war
p_price	Text	\$200
p_des	Text	The Game you never want to miss.
file_url	Text	https://gmedia.playstation.com/is/Image/SIEPDC/god-of-war-ragnarok-pc-scr...
- Response:**
 - Status: 200 OK
 - Time: 73 ms
 - Size: 154 B

FLUTTER PROJECT API

VIEW API AFTER INSERT DATA

► VIEW:

- GET API: To view inserted data with given link in postman with the given parameters by using Body/Form-data, also get success message & can see added data.

The screenshot shows the Postman application interface. On the left, the sidebar displays collections like 'Flutter Project API' and 'User'. The main workspace shows the 'View Krish API' endpoint under 'Flutter Project API'. The method is set to 'GET' and the URL is 'https://prakruttitech.xyz/krish/view.php'. The 'Body' tab is selected, showing 'form-data' selected with a single key 'Key'. Below the body, the 'Test Results' section shows a successful response with status code 200 OK, duration 98 ms, and size 444 B. The response body is displayed as JSON, showing three game items with IDs 7, 8, and 9, each with a name, price, description, and image URL.

```
{
  "id": "7",
  "p_name": "god_of_rain",
  "p_price": "$100",
  "p_des": "The Game you never want to miss.",
  "p_img": "https://prakruttitech.xyz/krish/images/image_3060."
},
{
  "id": "8",
  "p_name": "god_of_war",
  "p_price": "$200",
  "p_des": "The Game you never want to miss.",
  "p_img": ""
},
{
  "id": "9",
  "p_name": "god_of_war",
  "p_price": "$200",
  "p_des": "The Game you never want to miss.",
  "p_img": ""
}
```

FLUTTER PROJECT API

UPDATE API - TO UPDATE INSERTED DATA

► UPDATE API:

- POST API: Update data with given link in postman with the given parameters by using Body/Form-data, also get success message.

The screenshot shows the Postman interface with the following details:

- Collection:** Flutter Project API
- Request Type:** POST
- URL:** <https://prakrutitech.xyz/krish/update.php>
- Body (Form-Data):**

Key	Value	Description
p_name	The Last of US	
p_price	#250	
p_des	The bond of a father & daughter even they are not connected by blood.	
id	9	

- Response:**
 - Status: 200 OK
 - Time: 65 ms
 - Size: 250 B
 - Message: 1 Record Updated Successfully

FLUTTER PROJECT API

VIEW API - AFTER UPDATE INSERTED DATA

► VIEW API:

- GET API: After Update data with given link of View Data paste in postman with the given parameters by using Body/Form-data, also get success message.

The screenshot shows the Postman application interface. On the left, the sidebar lists collections and environments. In the center, the 'Flutter Project API' collection is selected, and the 'View Krish API' endpoint is chosen. The 'Body' tab is active, showing a JSON response with two items. The first item has an ID of 8, a name of 'Call of Duty Warzone', a price of '#250', and a description of 'The Game you never want to miss.' The second item has an ID of 9, a name of 'The Last of US', a price of '#250', and a description of 'The bond of a father & daughter even they are not connected by blood.'. Both items have an empty image URL. The status bar at the bottom indicates a 200 OK response with 73 ms and 524 B. The bottom navigation bar includes Cloud View, Find and replace, Console, Terminal, and various system icons.

```
200 OK 73 ms 524 B
```

```
[{"id": "8", "p_name": "Call of Duty Warzone", "p_price": "#250", "p_des": "The Game you never want to miss.", "p_img": ""}, {"id": "9", "p_name": "The Last of US", "p_price": "#250", "p_des": "The bond of a father & daughter even they are not connected by blood.", "p_img": ""}]
```

FLUTTER PROJECT API DELETE API

► DELETE API:

- POST API: Delete any data with given link paste in postman with the given parameters by using Body/Form-data, also get success message.

The screenshot shows a Postman interface with the following details:

- Collection:** Darshan Gohil's Workspace
- API:** Flutter Project API / Delete Krish API
- Method:** POST
- URL:** <https://prakrutitech.xyz/krish/delete.php>
- Body Type:** form-data
- Body Fields:**
 - Key: id, Value: 8
- Response Status:** 200 OK
- Response Body:** 1 Record Deleted Successfully

FLUTTER PROJECT API

VIEW API - AFTER DELETE DATA

► [VIEW API:](#)

- ▶ POST API: After Delete any data & see with given link of View paste in postman with the given parameters by using Body/Form-data, can see the data has been deleted.

