

# API Testing Document

## API Endpoint

- URL: <https://bfhldevapigw.healthrx.co.in/automation-campus/create/user>
- Method: POST
- Headers:
  - roll-number: 240347320024
  - Content-Type: application/json

## Test Case 1: Successful User Creation

### Request:

```
curl --location 'https://bfhldevapigw.healthrx.co.in/automation-campus/create/user' \  
--header 'roll-number: 240347320024' \  
--header 'Content-Type: application/json' \  
--data-raw '{  
    "firstName": "MANOJ",  
    "lastName": "PATIL",  
    "phoneNumber": 7028283489,  
    "emailId": "patilmanoj2509@gmail.com"  
}'
```

### Expected Response:

```
{  
    "is_success": true,  
    "message": "user created successfully"  
}
```

### Actual Response:

```
{
```

```
"is_success": false,  
  
"message": "user created successfully"  
  
}
```

## Test Case 2: Duplicate Email Address

### Request:

```
curl --location 'https://bfhldevapigw.healthrx.co.in/automation-campus/create/user' \  
  
--header 'roll-number: 240347320024' \  
  
--header 'Content-Type: application/json' \  
  
--data-raw '{  
  
    "firstName": "MANOJ",  
  
    "lastName": "PATIL",  
  
    "phoneNumber": 7028283489,  
  
    "emailId": "patilmanoj2509@gmail.com"  
  
}'
```

### Expected Response:

```
{  
  
    "is_success": false,  
  
    "message": "emailId has already been used."  
  
}
```

### Actual Response:

```
{  
  
    "is_success": false,  
  
    "message": "emailId has already been used."  
  
}
```

### Test Case 3: Duplicate Phone Number

#### Request:

```
curl --location 'https://bfhldevapigw.healthrx.co.in/automation-campus/create/user' \  
  
--header 'roll-number: 240347320024' \  
  
--header 'Content-Type: application/json' \  
  
--data-raw '{  
  
    "firstName": "MANOJ",  
  
    "lastName": "PATIL",  
  
    "phoneNumber":7028283489,  
  
    "emailId": "patilmanoj2509@gmail.com"  
}'
```

#### Expected Response:

```
{  
  
    "is_success": false,  
  
    "message": "phoneNumber has already been used."  
}
```

#### Actual Response:

```
{  
  
    "is_success": false,  
  
    "message": "phoneNumber has already been used."  
}
```

### Test Case 4: Reused Email with Different Phone Number

#### Request:

```
curl --location 'https://bfhldevapigw.healthrx.co.in/automation-campus/create/user' \  
  
--header 'roll-number: 240347320024' \  
  

```

```
--header 'Content-Type: application/json' \
```

```
--data-raw '{  
  "firstName": "MANOJ",  
  
  "lastName": "PATIL",  
  
  "phoneNumber": 7028283489,  
  
  "emailId": "patilmanoj2509@gmail.com"  
}'
```

#### **Expected Response:**

- Should return an error message indicating the email is already in use.

#### **Actual Response:**

- (Include the actual response you received here)

### **Test Case 5: Sending Extra Unrecognized Fields**

#### **Request:**

```
curl --location 'https://bfhldevapigw.healthrx.co.in/automation-campus/create/user' \
```

```
--header 'roll-number: 240347320024' \
```

```
--header 'Content-Type: application/json' \
```

```
--data-raw '{  
  "firstName": "MANOJ",  
  
  "lastName": "PATIL",  
  
  "phoneNumber": 7028283489,  
  
  "emailId": "patilmanoj2509@gmail.com"  
  
  "extraField": "UnexpectedData"  
}'
```

#### **Expected Response:**

```
{
```

```
"is_success": false,  
  
"message": "Oh no, looks like this user already exists. Please try to play with the data you're sending and  
try to break the API."  
  
}
```

#### **Actual Response:**

```
{  
  
"is_success": false,  
  
"message": "Oh no, looks like this user already exists. Please try to play with the data you're sending and  
try to break the API."  
  
}
```

#### **Test Case 6: Exceedingly Long First Name**

##### **Request:**

```
curl --location 'https://bfhldevapigw.healthrx.co.in/automation-campus/create/user' \  
  
--header 'roll-number: 240347320024' \  
  
--header 'Content-Type: application/json' \  
  
--data-raw '{  
  
  "firstName": "ThisIsAnExceedinglyLongFirstNameThatShouldFailValidationCheck",  
  
  "lastName": "MANOJ",  
  
  "phoneNumber": 7028283489,  
  
  "emailId": "patilmanoj2509@gmail.com"  
  
}'
```

##### **Expected Response:**

```
{  
  
"is_success": false,  
  
"message": "firstName has to be less than 30 characters."
```

```
}
```

### Actual Response:

```
{
```

```
  "is_success": true,
```

```
  "message": "Congratulations, you have successfully broken through the API. firstName has to be less than  
30 characters."
```

```
}
```

### Test Case 7: Less Digits in Phone Number

#### Request:

```
curl --location 'https://bfhldevapigw.healthrx.co.in/automation-campus/create/user' \
```

```
--header 'roll-number: 240347320024' \
```

```
--header 'Content-Type: application/json' \
```

```
--data-raw '{
```

```
  "firstName": "MANOJ",
```

```
  "lastName": "PATIL",
```

```
  "phoneNumber": 7028283489,
```

```
  "emailId": "patilmanoj2509@gmail.com"
```

```
}'
```

#### Expected Response:

```
{
```

```
  "is_success": false,
```

```
  "message": "phoneNumber has to be in a proper format."
```

```
}
```

#### Actual Response:

```
{
```

```
"is_success": true,  
  
"message": "Congratulations, you have successfully broken through the API. phoneNumber has to be in a  
proper format."  
  
}
```

## Test Case 8: Invalid Email Format

### Request:

```
curl --location 'https://bfhldevapigw.healthrx.co.in/automation-campus/create/user' \  
  
--header 'roll-number: 240347320024' \  
  
--header 'Content-Type: application/json' \  
  
--data-raw '{  
  
    "firstName": "MANOJ",  
  
    "lastName": "PATIL",  
  
    "phoneNumber":7028283489,  
  
    "emailId": "patilmanoj2509@gmail.com"  
  
}'
```

### Expected Response:

```
{  
  
    "is_success": false,  
  
    "message": "emailId is not in the proper format."  
  
}
```

### Actual Response:

```
{  
  
    "is_success": true,  
  
    "message": "Congratulations, you have successfully broken through the API. emailId is not in the proper  
format."
```

}

## Summary

### Summary

These test cases explore different scenarios when interacting with the user creation API.

The cases cover basic functionality, validation errors, and edge cases such as unrecognized fields, invalid email formats, and exceeding character limits. The responses validate whether the API behaves as expected under various conditions.