

SanjeevaniPath - Test Cases

Requirements:

Requirement ID	Description
RQ-001	Display home page with a list of services
RQ-002	Allow patient and doctor login if they already have an account
RQ-003	Allow patient and doctor to register if they do not have an account
RQ-004	After patient registration, allow consultation mode selection (chat or video)
RQ-005	If chat selected, check doctor timing and start chat if available
RQ-006	If video selected, check doctor timing and generate video link if available

Requirements, Test Cases, and Testing Approach:

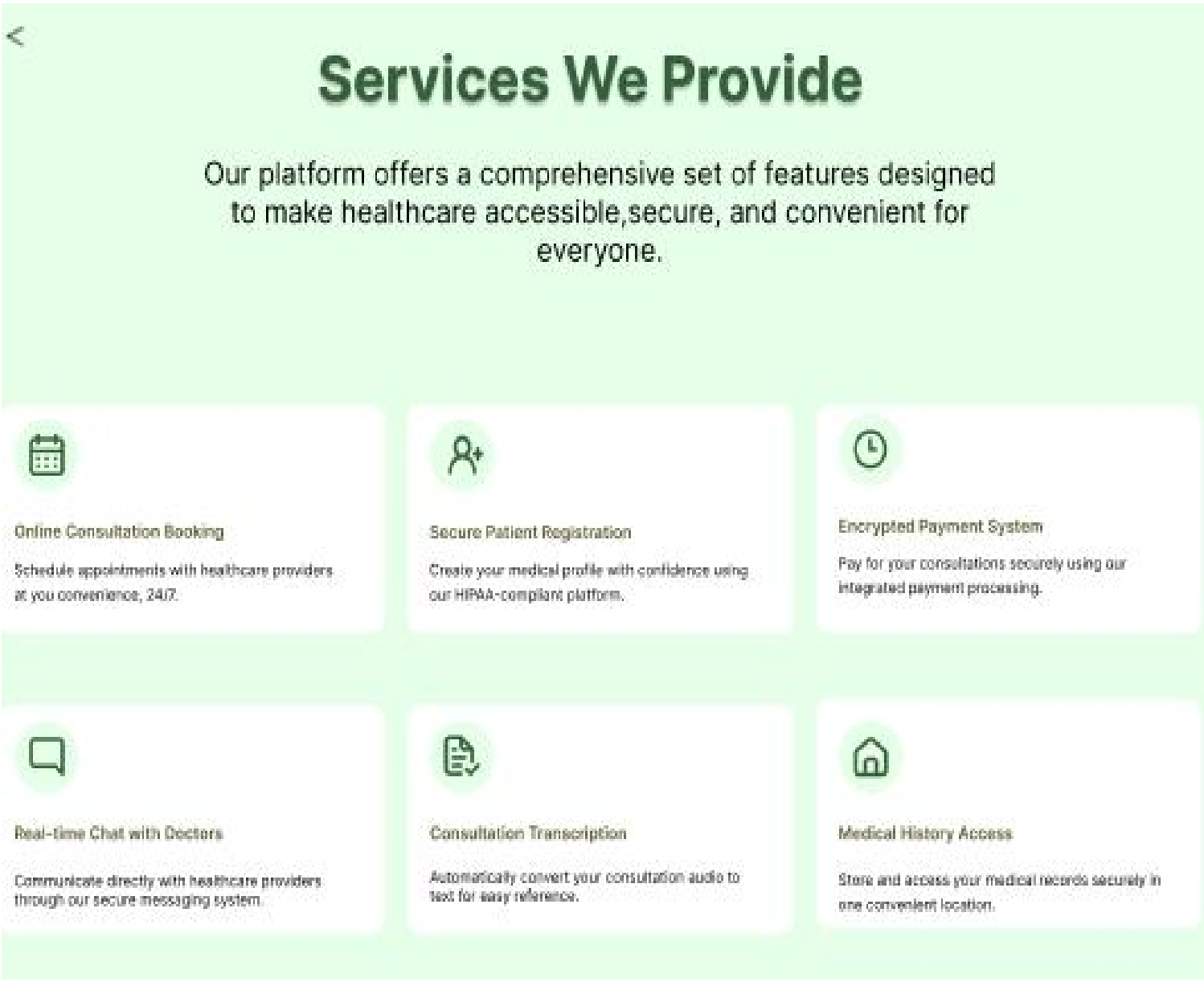
1. RQ-001: Display Home Page with Services

Description: The system should display all available services on the homepage.

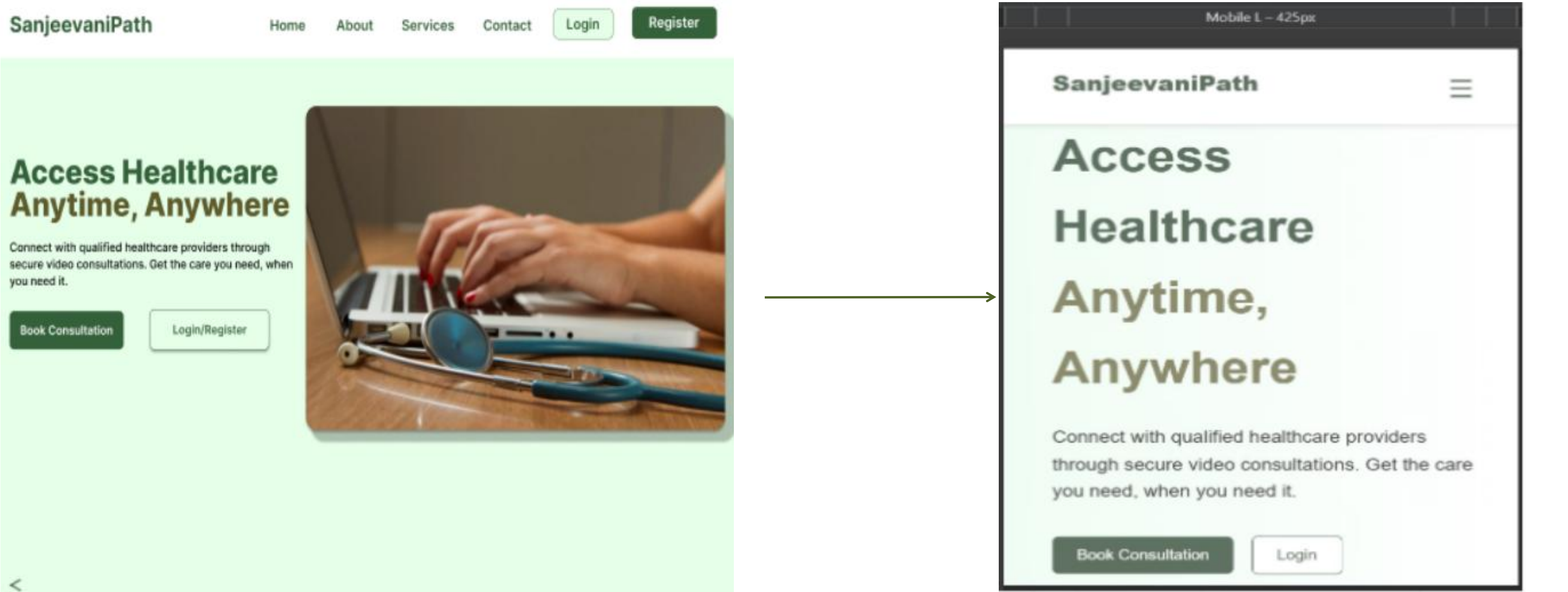
Testing Approach: UI Testing

Test Case ID	Description	Steps	Expected Result
TC-001	Verify services section appears	Navigate to home screen	Services are visible
TC-002	Responsive layout	Resize browser or view on mobile	Website adjust properly

TC-001



TC-002



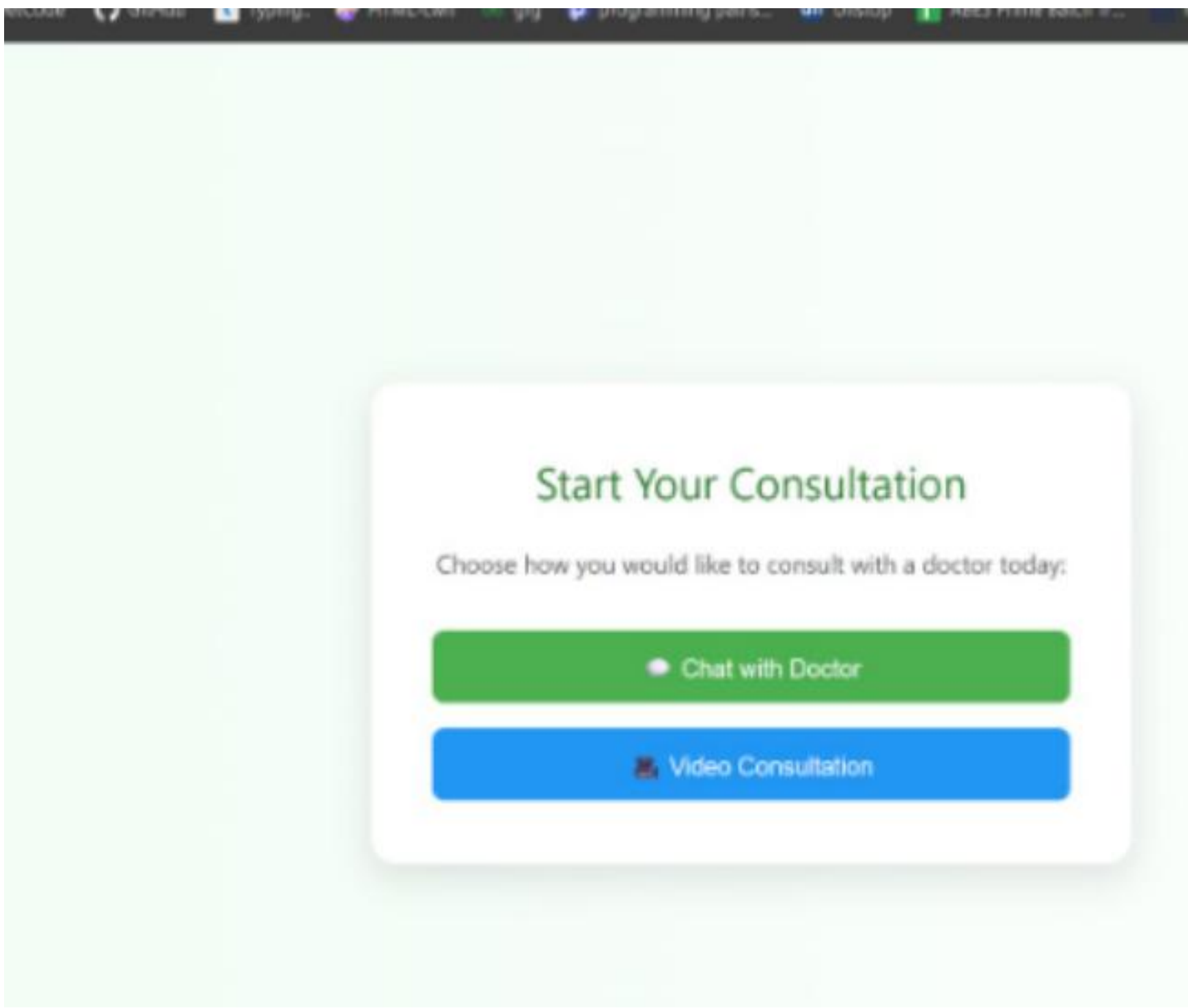
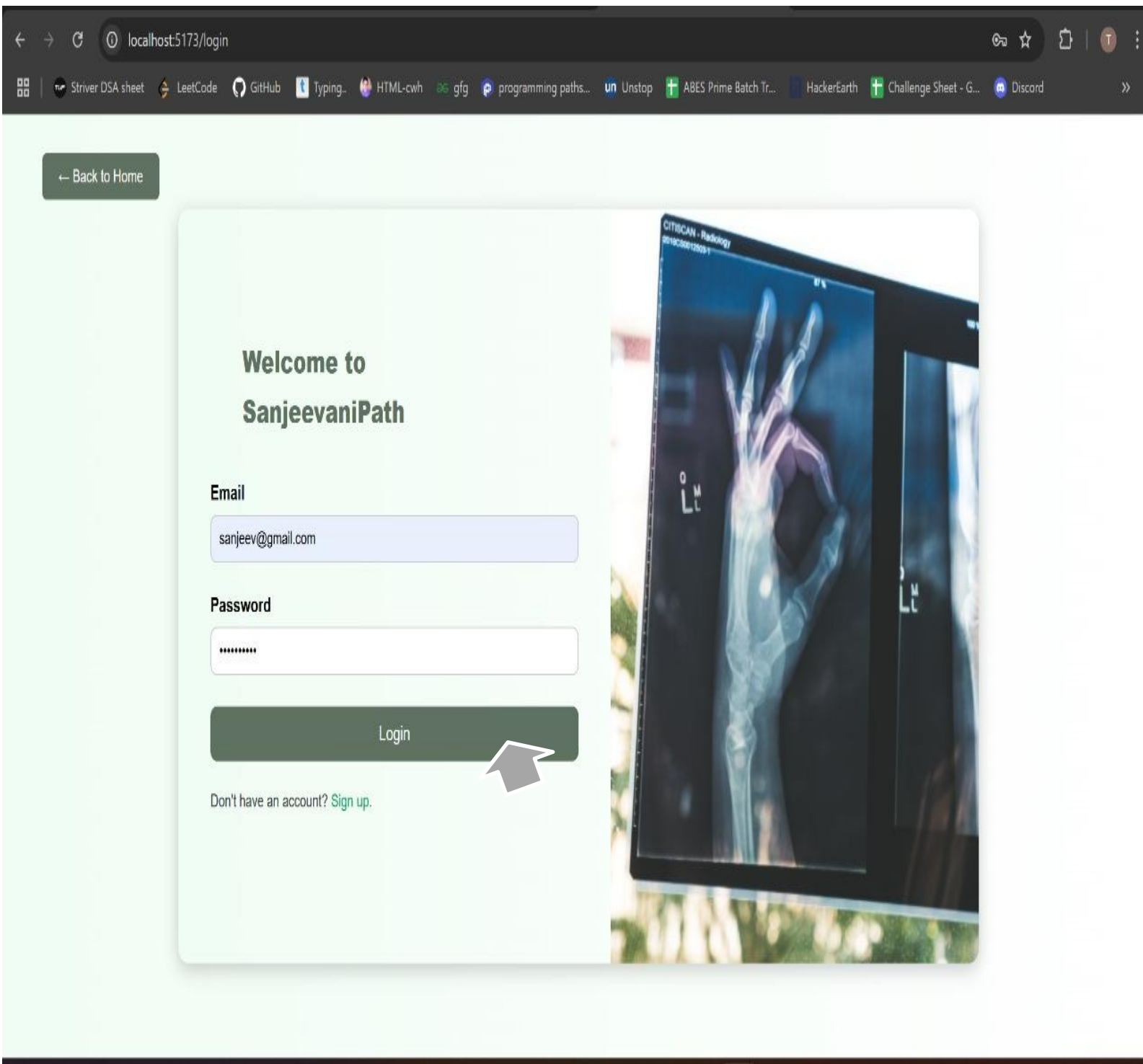
2. RQ-002: Login for Doctor and Patient

Description: Allow login functionality for both doctors and patients.

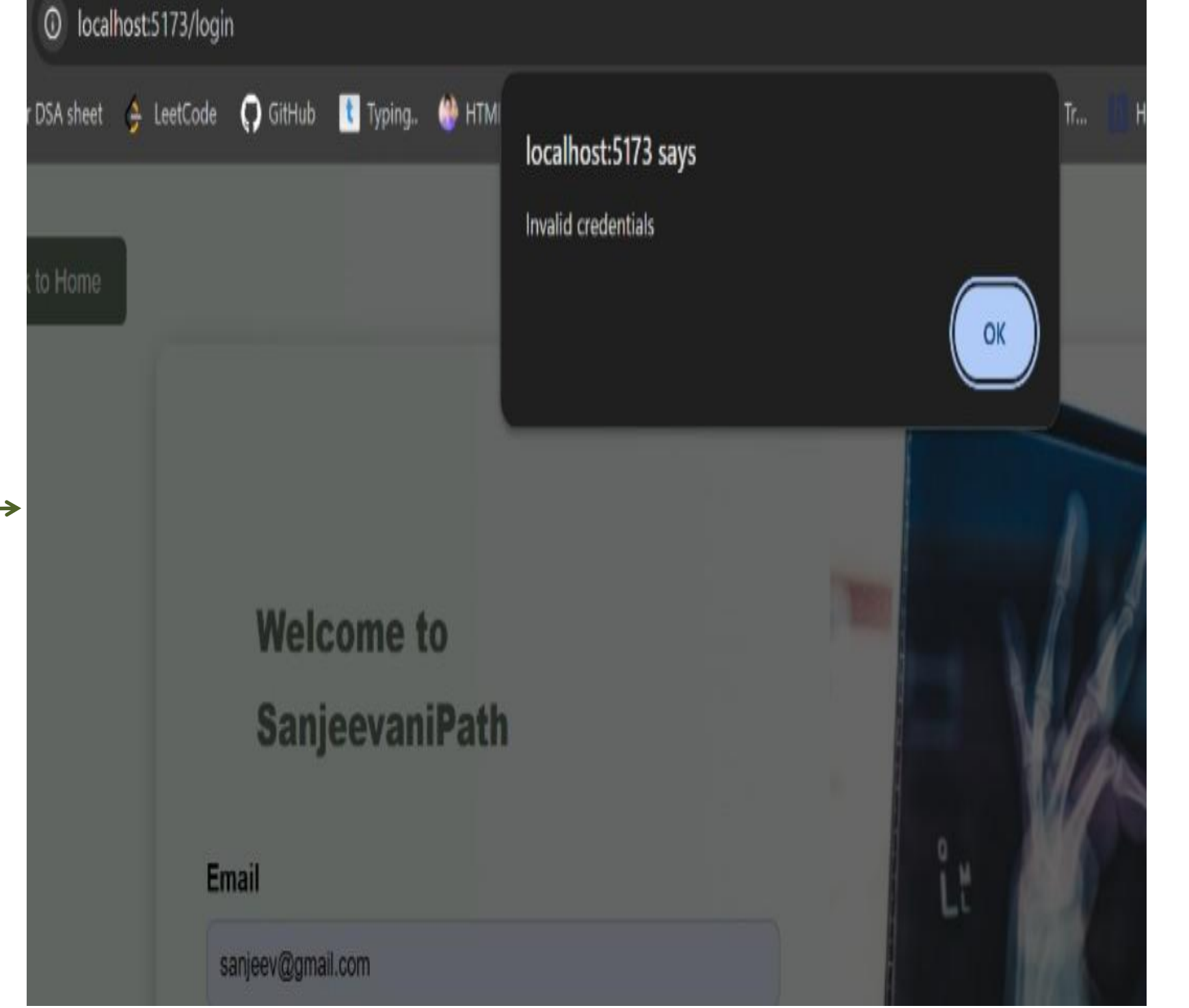
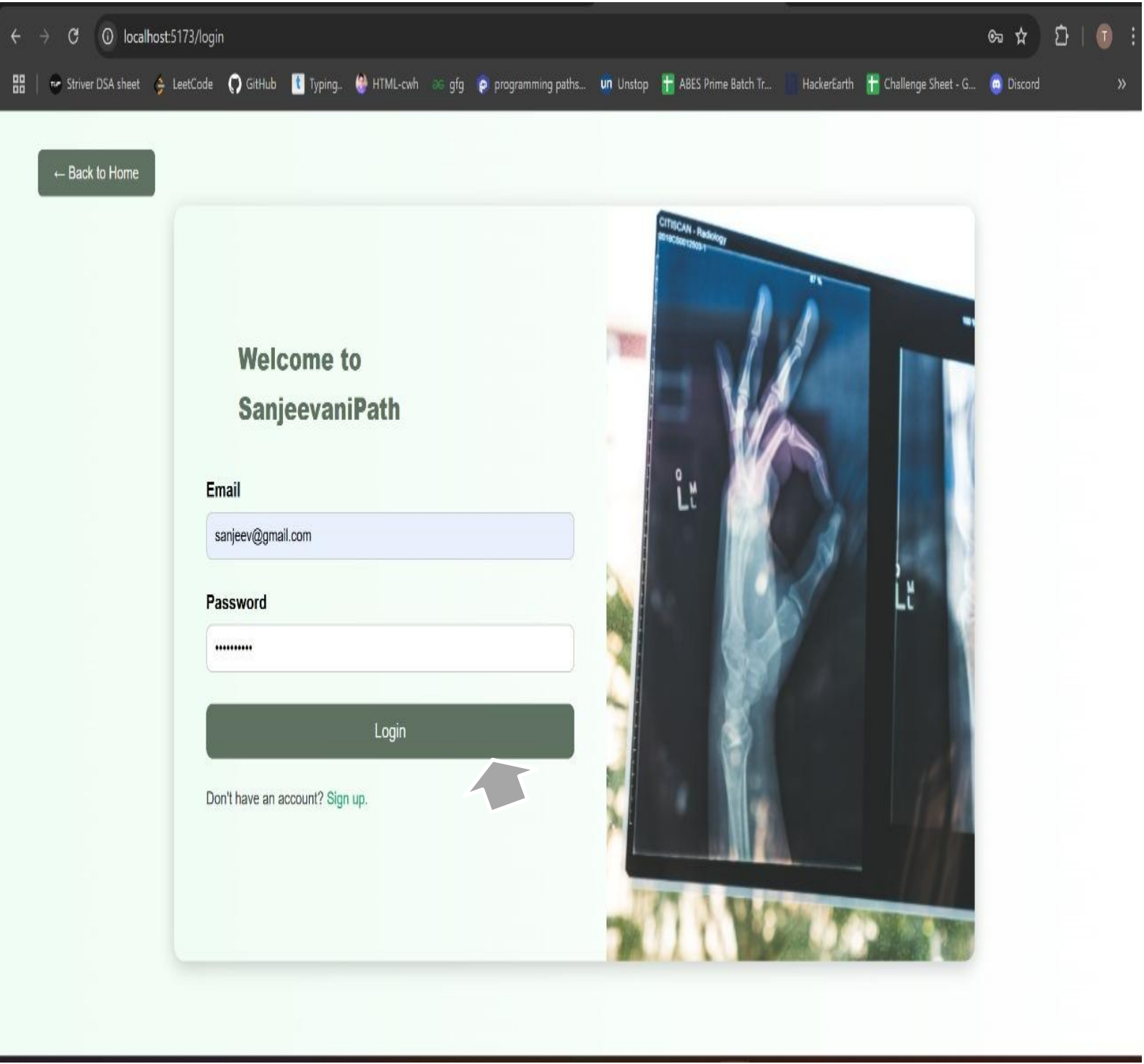
Testing Approach: Automated API Testing (for back-end), Manual Testing + UI Testing (for front-end)

Test Case ID	Description	Steps	Expected Result
TC-003	Valid patient login	Enter correct email/password	Choose mode of consultation
TC-004	Invalid doctor login	Enter wrong password	Show error message
TC-005	API login Test	POST/login with valid data	200 OK
TC-006	API login failure	POST/login with invalid data	400 bad request

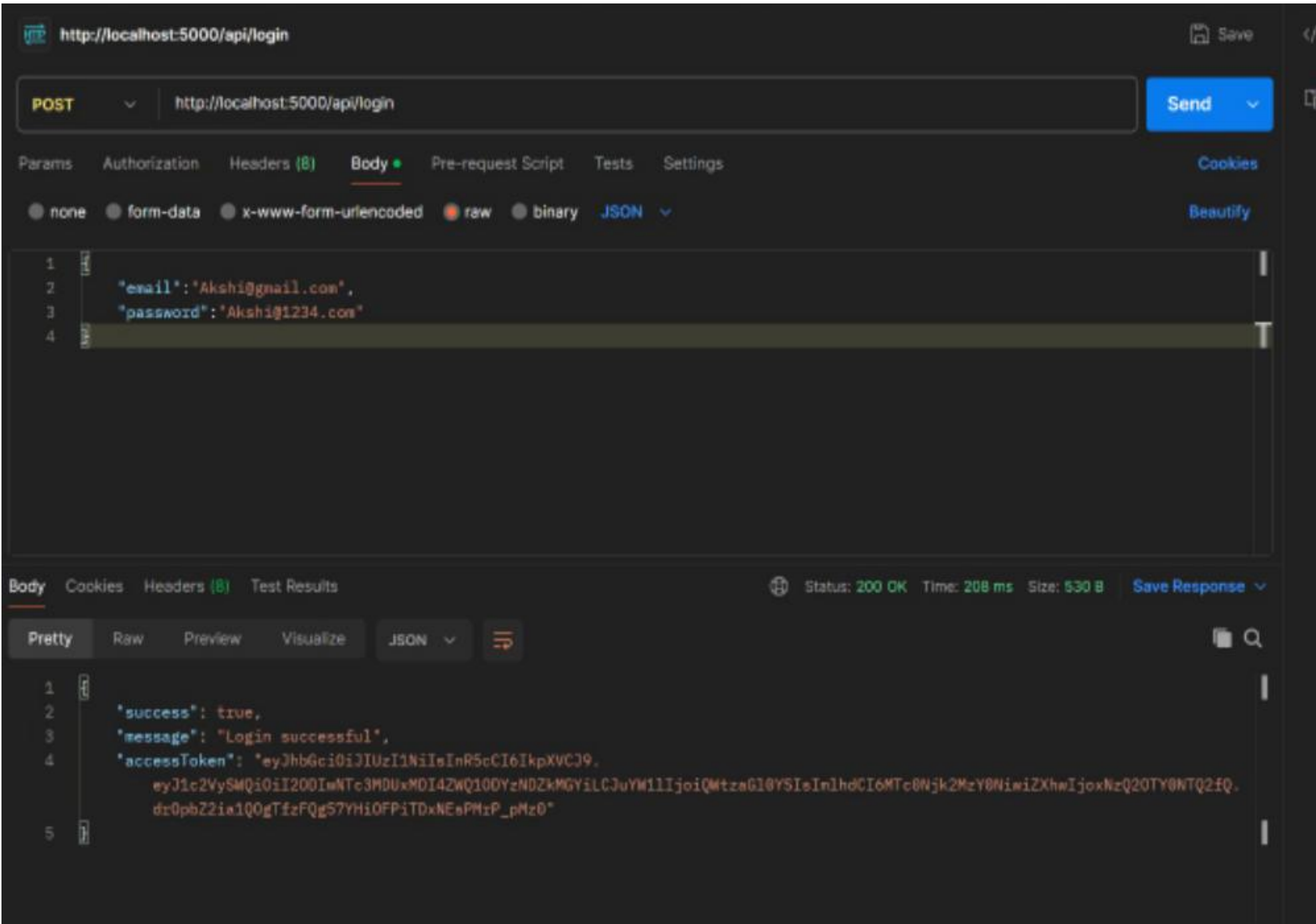
TC-003



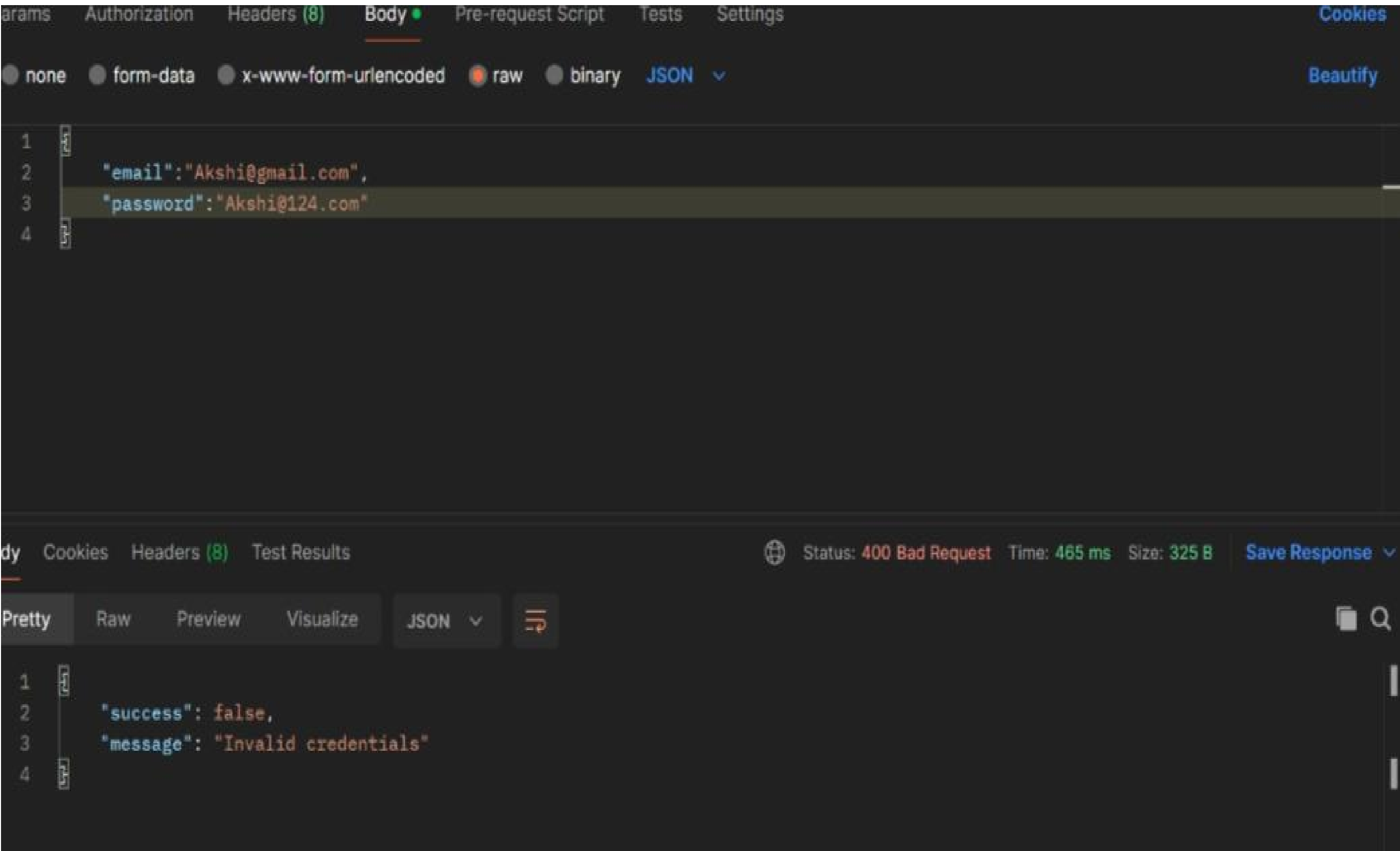
TC-004



TC-005



TC-006



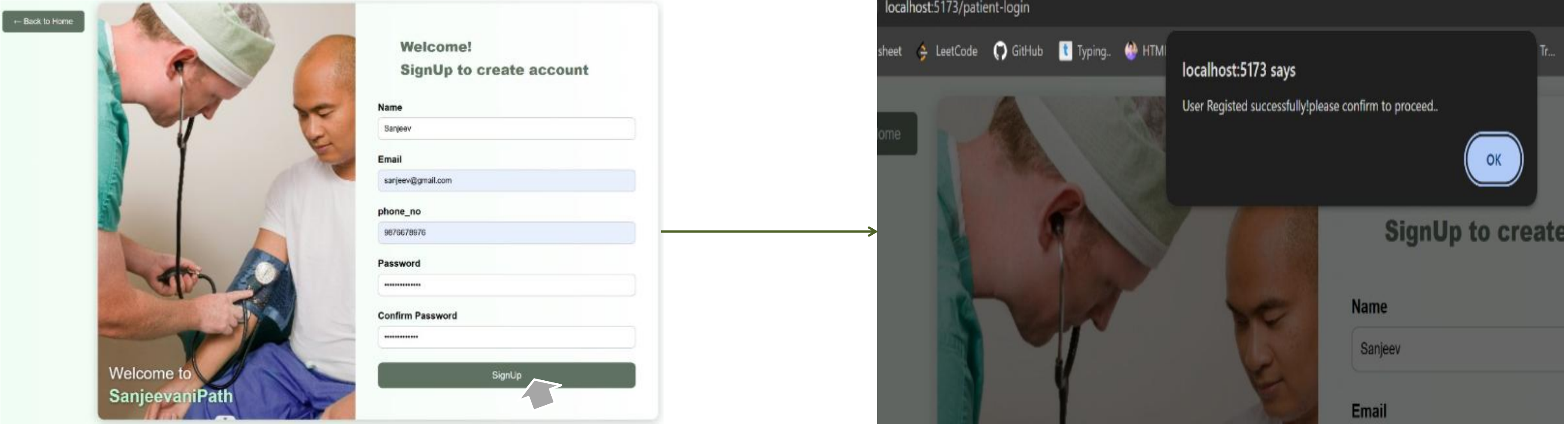
3. RQ-003: Registration for Doctor and Patient

Description: Allow new users to register as either doctor or patient.

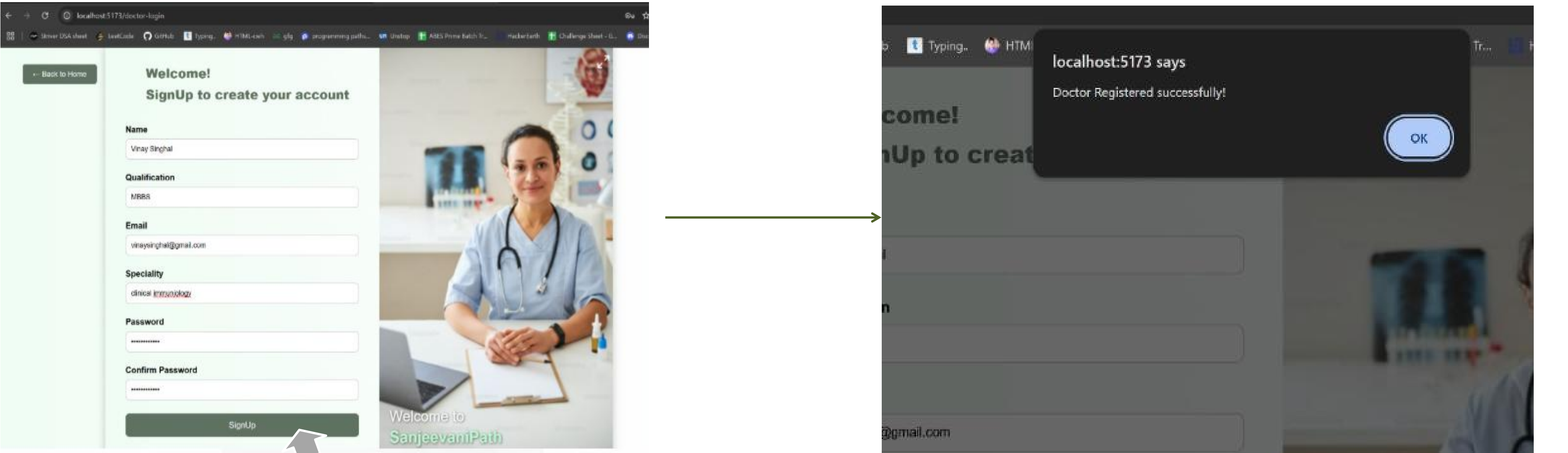
Testing Approach: Manual Testing + UI Testing + Automated API Testing

Test Case ID	Description	Steps	Expected Result
TC-007	Register new patient	Fill form -----> Submit	Registration Success
TC-008	Register new doctor	Fill form -----> Submit	Registration Success
TC-009	Registration error	Fill form -----> Submit	Show error message
TC-010	API registration test	POST/register with valid data	201 created with user data
TC-011	API registration failure	POST/register with invalid data	500 internal server error
TC-012	API registration failure	POST/register with invalid data(user side)	400 bad request

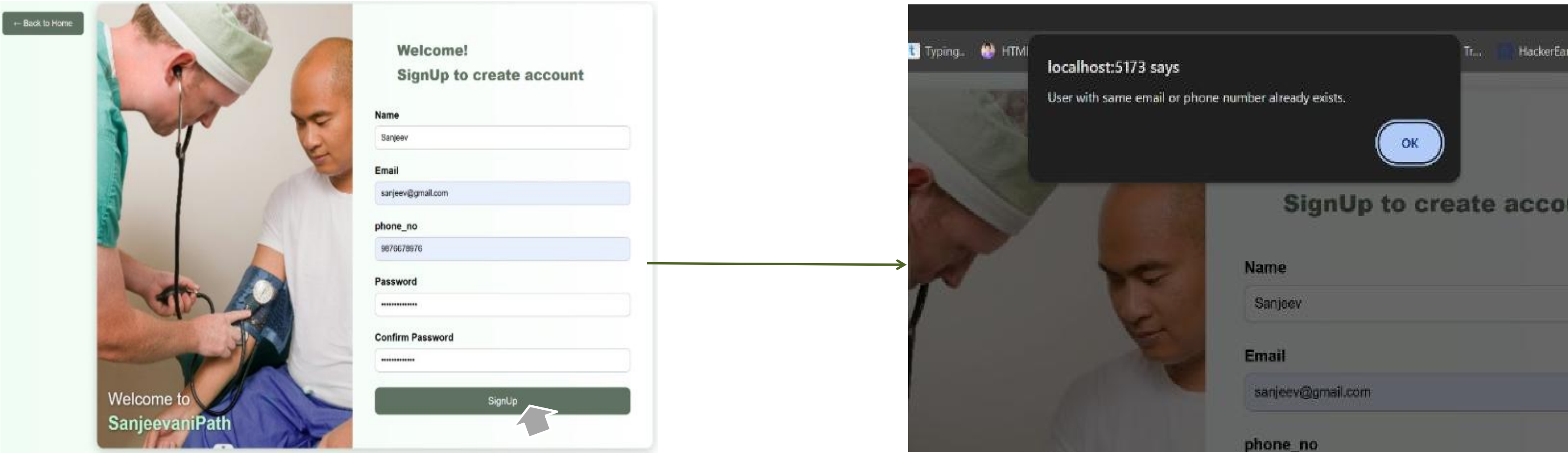
TC-007



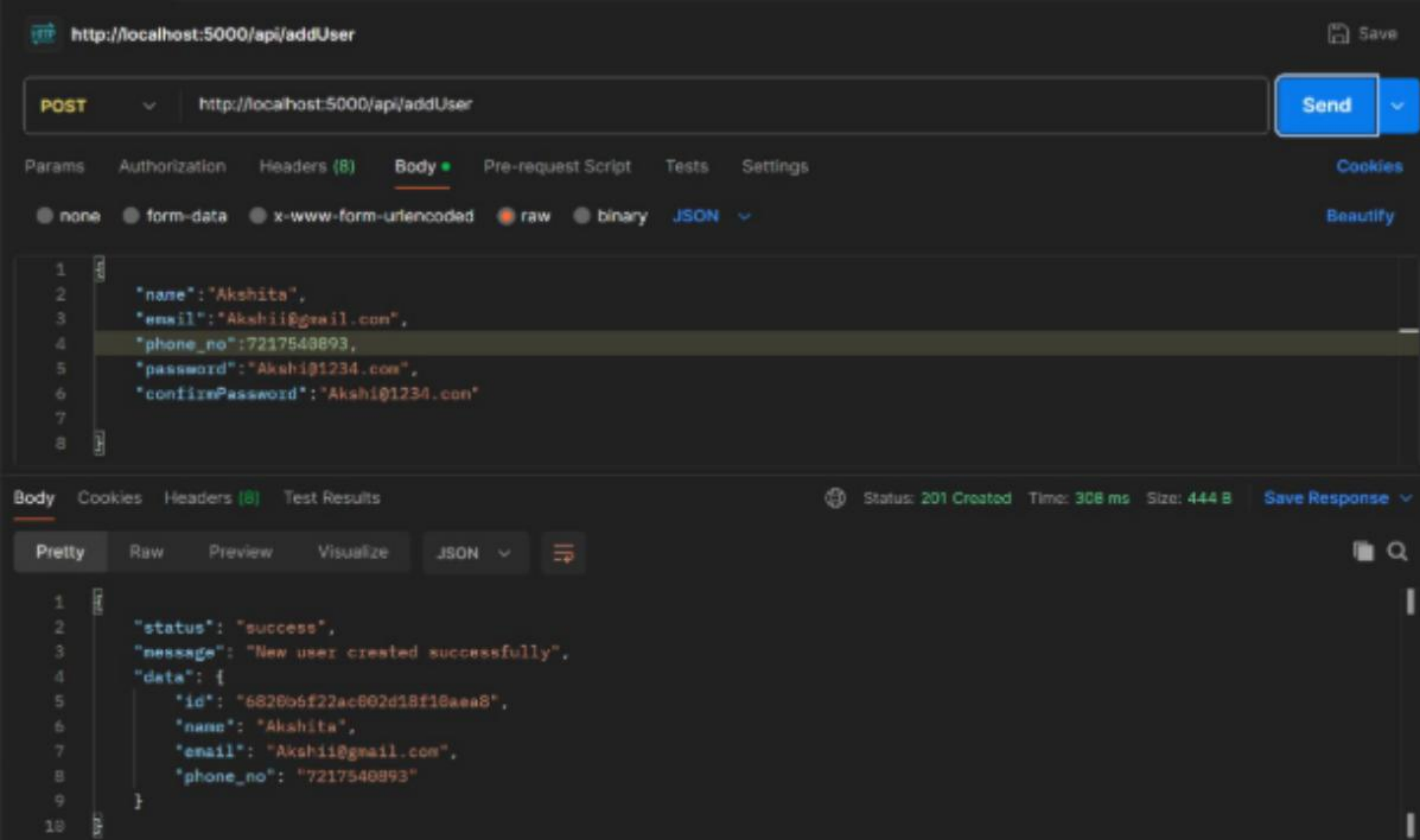
TC-008



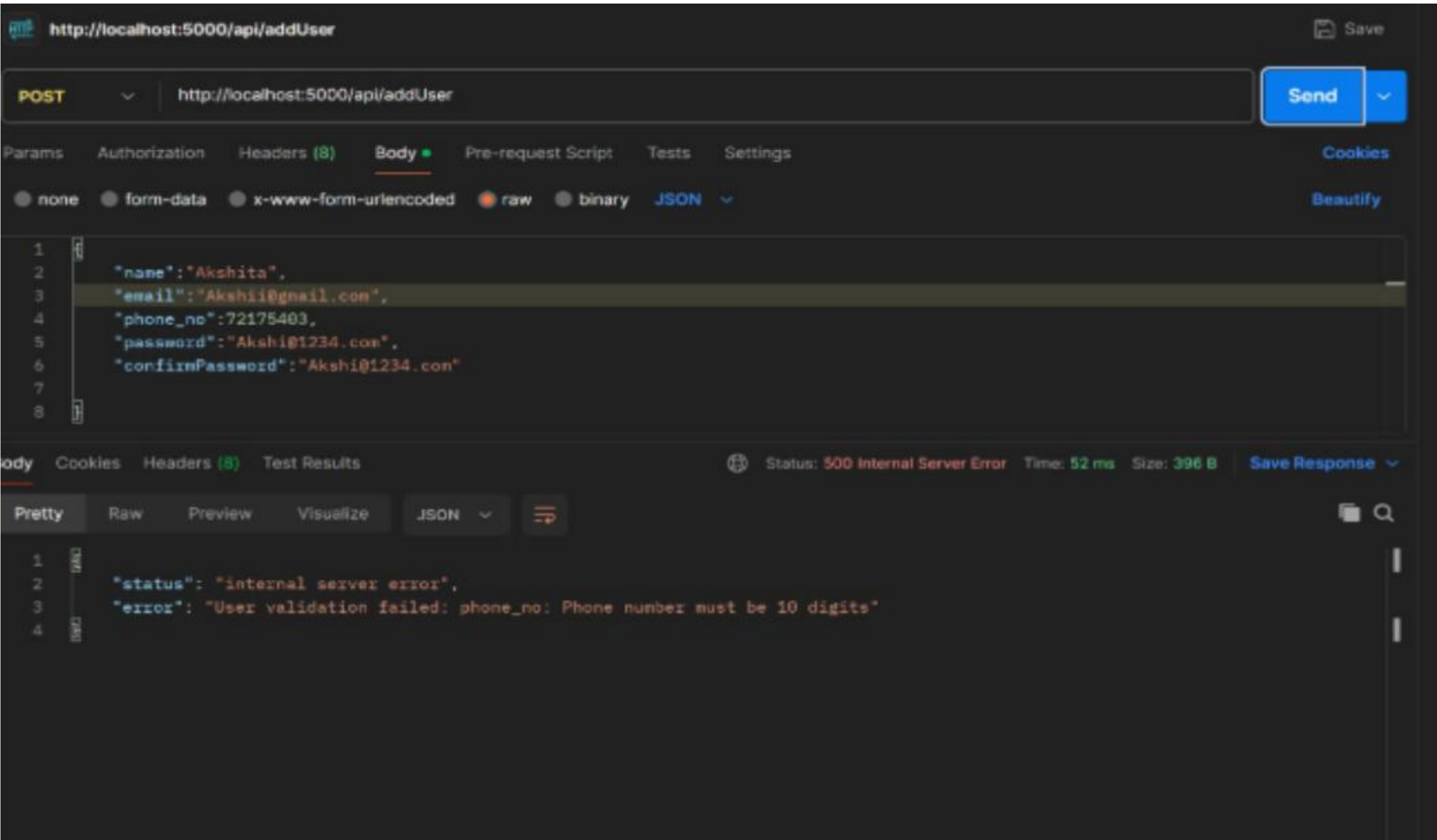
TC-009



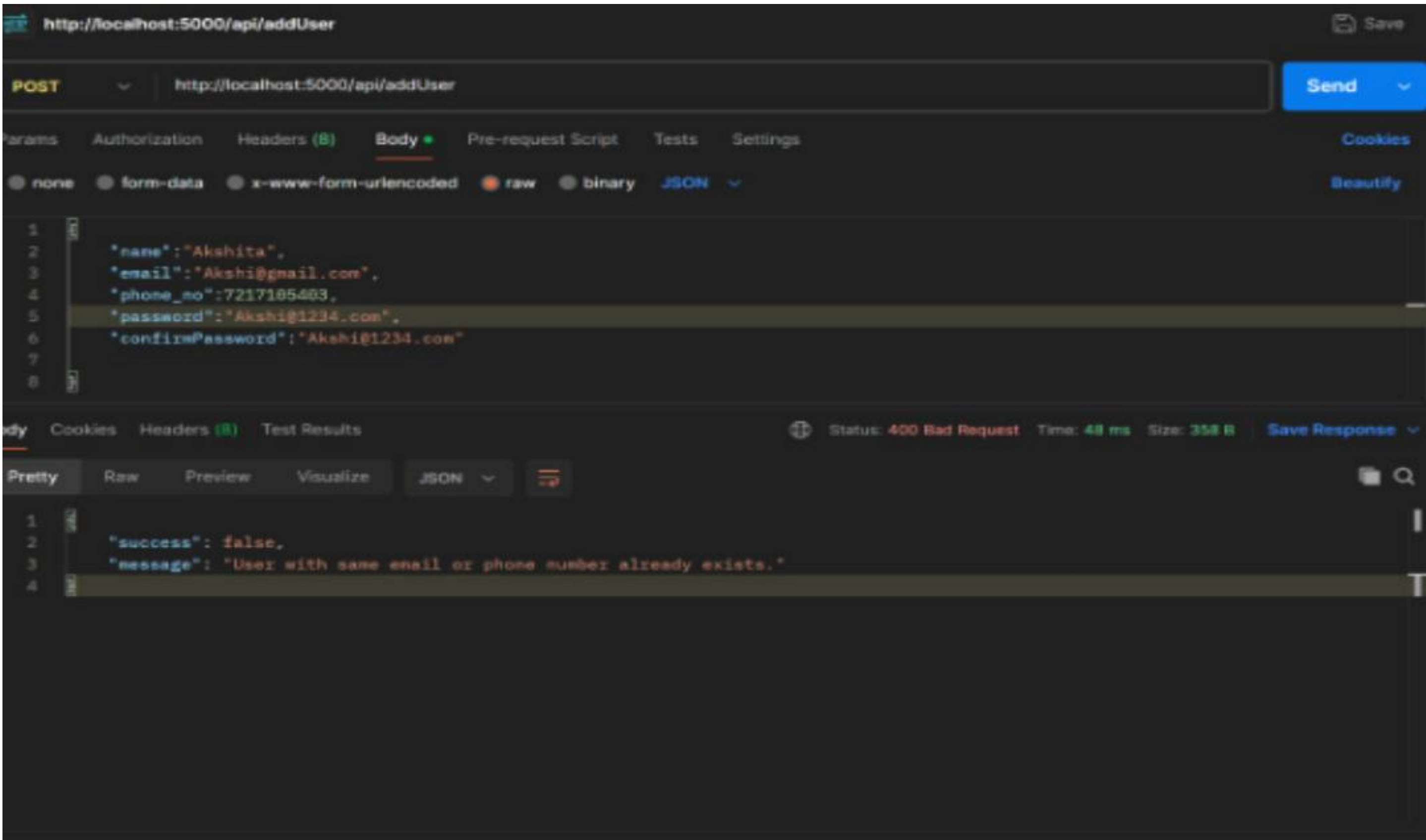
TC-010



TC-011



TC-012



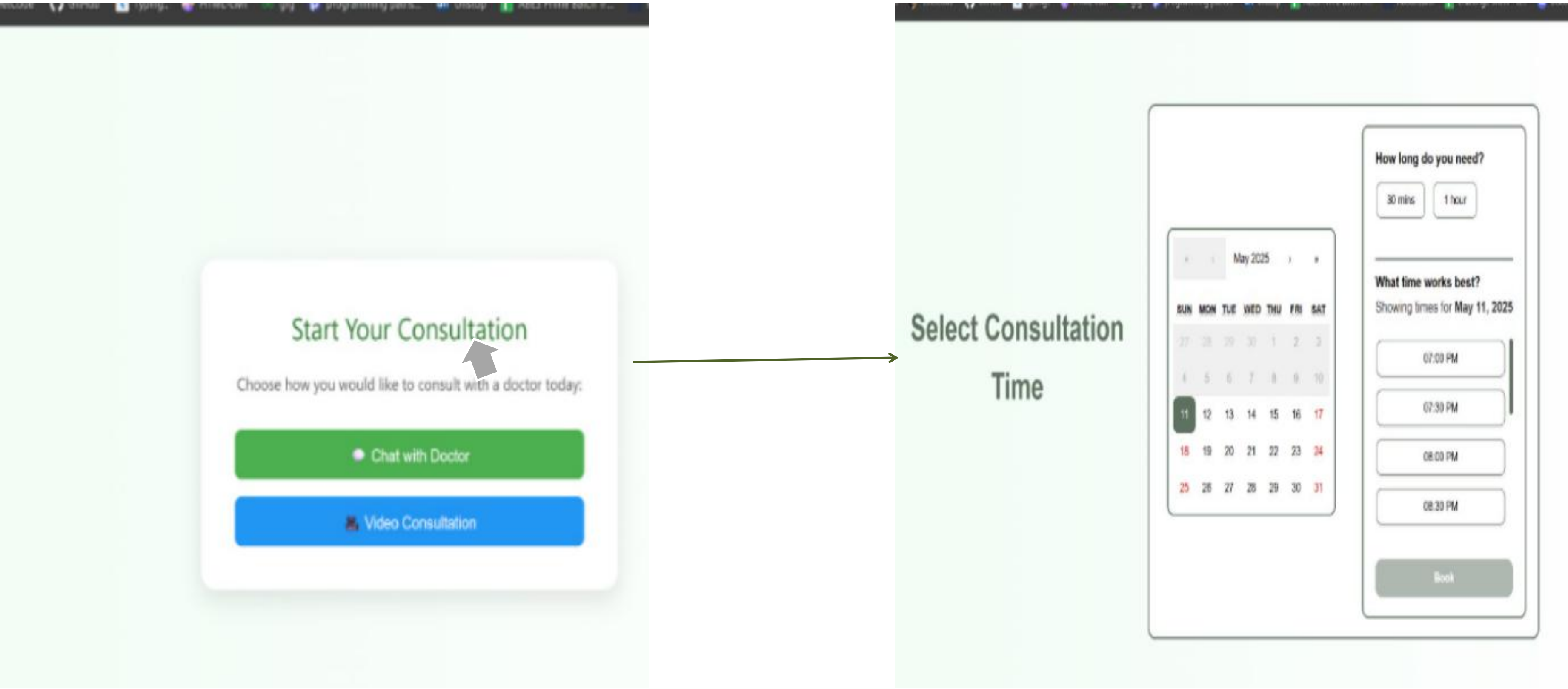
4. RQ-004: Patient Selects Consultation Mode

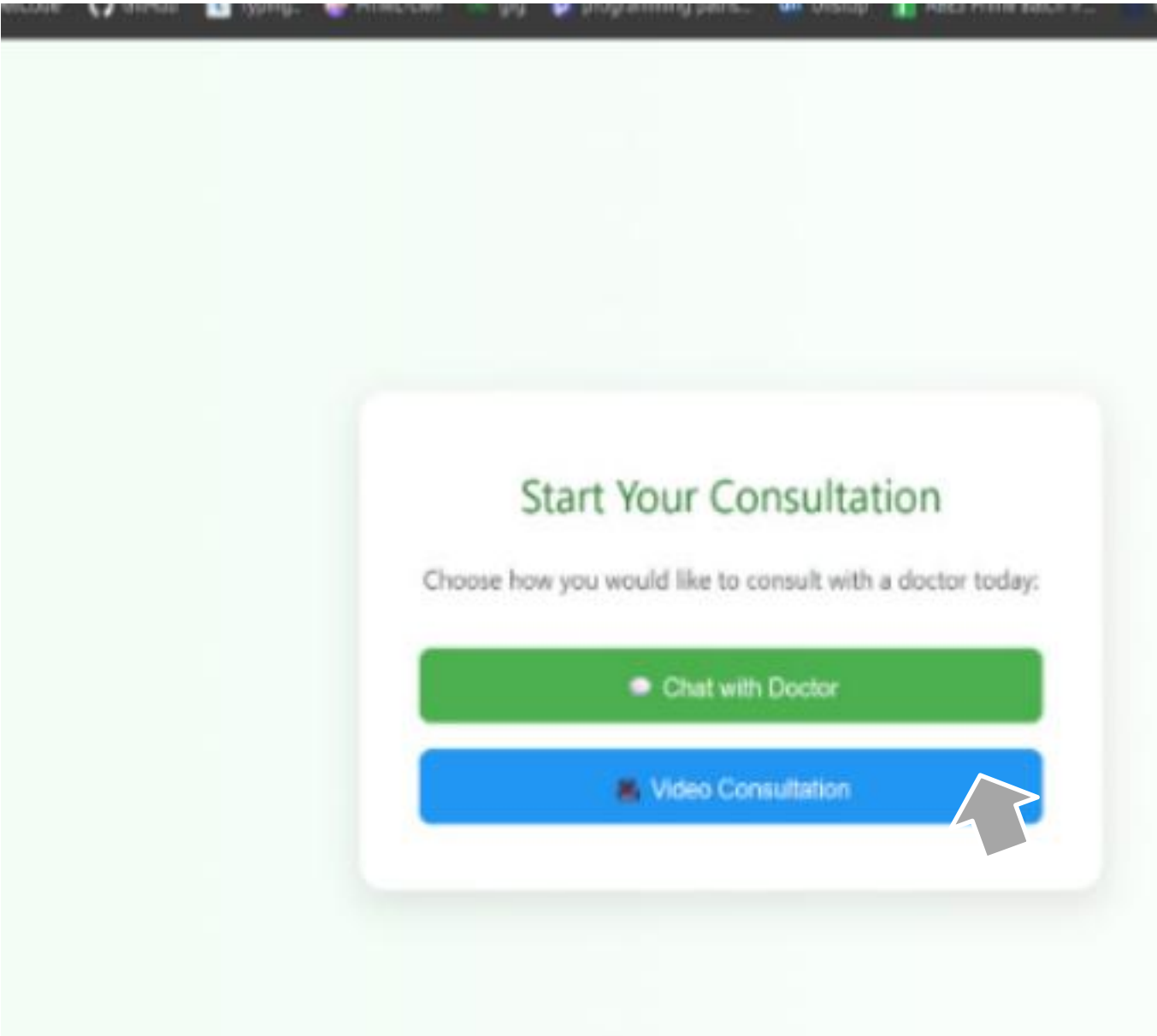
Description: After registration/login, patient can choose between chat or video.

Testing Approach: UI Testing

Test Case ID	Description	Steps	Expected Result
TC-013	Select chat mode	Click chat option	Redirect to timing form
TC-014	Select video mode	Click video option	Direct to schedule consultation form

TC-013





Schedule a Consultation

Patient ID:

Doctor ID:

Speciality:

Symptoms:

Status:

Additional Information:

5. RQ-005: Chat Consultation with Timing Check

Description: Start chat if doctor is available.

Testing Approach: Automated API Testing + UI Testing

Test Case ID	Description	Steps	Expected Result
TC-015	Doctor available	Select time slot	Proceed to chat confirmation and chat with doctor
TC-016	API check availability	GET / availability ? doctorId=123	200 OK

Select Consultation Time

May 2025

SUN	MON	TUE	WED	THU	FRI	SAT
27	28	29	30	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

How long do you need?

30 mins

1 hour

What time works best?

Showing times for May 11, 2025

07:00 PM

07:30 PM

08:00 PM

08:30 PM

Book

You're booked with SanjeevaniPath.

An invitation has been emailed to you.

May 21, 2025

01:00 AM (30 mins)

Need Help? Ask SanjeevaniBot

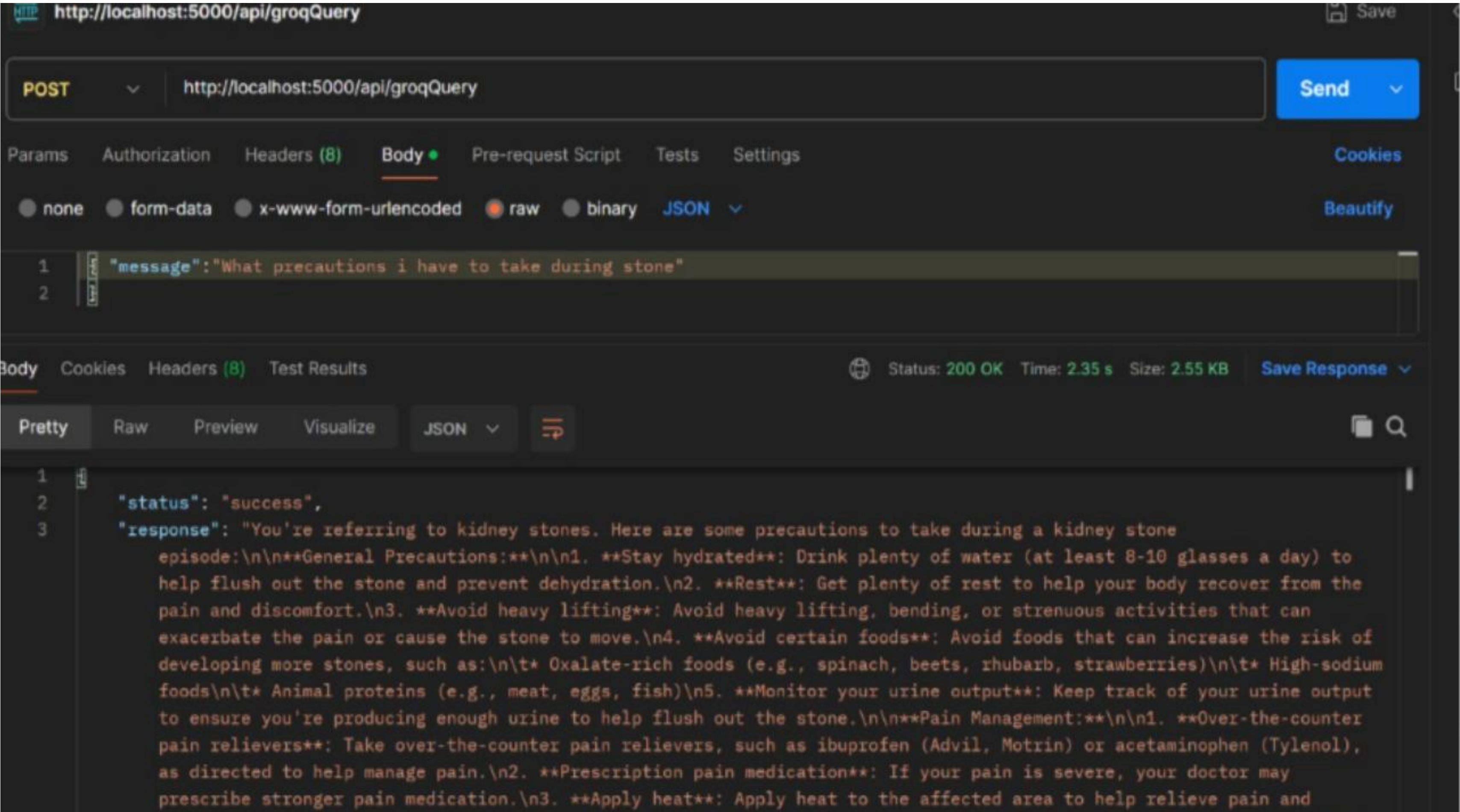
what is api

****API: Application Programming Interface**** An Application Programming Interface (API) is a set of defined rules that enables different software systems to communicate with each other. It allows different applications, services, or systems to exchange data, perform actions, or request services from each other. ****Key Characteristics of an API:**** 1. ****Interface****: An API provides a defined interface for interacting with a system or service. 2. ****Standardization****: APIs follow standardized protocols and formats for data exchange. 3. ****Programmability****: APIs are designed to be used by software programs, allowing developers to

Ask something...

Send

TC-016



6. RQ-006: Video Consultation with Timing Check

Description: Generate video link if doctor available.

Testing Approach: Automated API Testing + UI Testing

Test Case ID	Description	Steps	Expected Result
TC-017	Doctor available	Select time slot	Video link is generated
TC-018	API video link(success)	POST/ video/ start with valid date and time	201 created + video link
TC-019	API video link(failure)	POST/ video/ start with invalid data or missing field	Link or error returned

TC-017

Schedule a Consultation

Patient ID:

68208ec3e0117e87ad4aeb9e

Doctor ID:

68208ea8e0117e87ad4aeb9c

Speciality:

cardiology

Symptoms:

Chest pain, shortness of breath

Status:

Scheduled

Additional Information:

Submit

Your Video Consultation Link

Join Video Session:

<https://sanjeevnipath.daily.co/consultation-1746977526488>

Copy Link

TC-018

ParamsAuthorizationHeaders (8)Body●Pre-request ScriptTestsSettingsCookies

● none● form-data● x-www-form-urlencoded● raw● binaryJSON vBeautify

12"Patient": "68208ec3e0117e87ad4aeb9e",2"Doctor": "68208ea8e0117e87ad4aeb9c",3"speciality": "cardiology",4"symptoms": "Chest pain, shortness of breath",5"scheduledat": "2025-05-12T10:00:00Z",6"status": "scheduled",78"information": "This is a scheduled consultation for heart-related issues."9

BodyCookiesHeaders (8)Test Results

⌚ Status: 201 CreatedTime: 938 msSize: 756 BSave Response v

PrettyRawPreviewVisualizeJSON v

12"success": true,3"message": "Consultation created successfully!",4"consultation": {5"Patient": "68208ec3e0117e87ad4aeb9e",6"Doctor": "68208ea8e0117e87ad4aeb9c",7"speciality": "cardiology",8"symptoms": "Chest pain, shortness of breath",9"scheduledat": "2025-05-12T10:00:00.000Z",10"status": "scheduled",11"videoSessionLink": "https://sanjeevnipath.daily.co/consultation-1746975425687",12"information": "This is a scheduled consultation for heart-related issues.",

TC-019

noneform-data x-www-form-urlencodedrawbinaryJSON Beautify

123456789

```
"Patient": "68208ec3e0117e87ad4aeb9e",  
  
"speciality": "cardiology",  
"symptoms": "Chest pain, shortness of breath",  
"scheduledat": "2025-05-12T10:00:00Z",  
"status": "scheduled",  
  
"information": "This is a scheduled consultation for heart-related issues."
```

CookiesHeaders (8)Test Results

Status: 500 Internal Server ErrorTime: 905 msSize: 437 BSave Response

prettyRawPreviewVisualizeJSON

12345

```
"success": false,  
"message": "Server error while creating consultation.",  
"error": "Consultation validation failed: Doctor: please enter the doctor name"
```