



IntelliConsult

Software Engineering - (IT314)
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Black Box Testing

Signup test (patient's & admin's sign up):

Full Name Constraint:

- Name should be at least of 2 character and can be at most of 100 characters.
- Field cannot be empty

Email Constraints:

- Email should not already be registered.
- Email should contain '@' sign with character before and after.
- Field cannot be empty

Password Constraints:

- Password must be at least 8 characters long and contain at least one uppercase letter, one lowercase letter, one number, and one special character.
- 'Confirm password' and 'password' field should match

- Field cannot be empty

Equivalence partitioning

Equivalence Class	Username	E-mail	Password	Result
E1	Valid	Valid	Valid	Success
E2	Valid	Invalid	Valid	Error
E3	Valid	Valid	Invalid	Error
E4	Valid	Invalid	Invalid	Error
E5	Invalid	Valid	Valid	Error
E6	Invalid	Invalid	Valid	Error
E7	Invalid	Valid	Invalid	Error
E8	Invalid	Invalid	Invalid	Error

Boundary value analysis:

Full Name	Email	Password	Confirm Password	Expected Output	Actual Output	Reason
A	patient@gmail.com	Abcd@123	Abcd@123	Fail	Fail	Full Name constraint (less than 2 chars)
Jo	patient@gmail.com	Abcd@123	Abcd@123	Success	Success	Full Name boundary (exactly 2 chars)
Jon	patient@gmail.com	Abcd@123	Abcd@123	Success	Success	Full Name (just above boundary - 3 chars)

Full Name	Email	Password	Confirm Password	Expected Output	Actual Output	Reason
(empty)	patient@gmail.com	Abcd@123	Abcd@123	Fail	Fail	Full Name constraint (empty field)
John Doe	abd@	Abcd@123	Abcd@123	Fail	Fail	Email constraint (no char after @)
John Doe	@gmail.com	Abcd@123	Abcd@123	Fail	Fail	Email constraint (no char before @)
John Doe	patientgmail.com	Abcd@123	Abcd@123	Fail	Fail	Email constraint (missing @ sign)
John Doe	patient@gmail.com	Abc@123	Abc@123	Fail	Fail	Password constraint (less than 8 chars - only 7)
John Doe	patient@gmail.com	Abcd@123	Abcd@123	Success	Success	Password boundary (exactly 8 chars)
John Doe	patient@gmail.com	abcd@1234	abcd@1234	Fail	Fail	Password constraint (no uppercase letter)
John Doe	patient@gmail.com	ABCD@1234	ABCD@1234	Fail	Fail	Password constraint (no lowercase letter)
John Doe	patient@gmail.com	Abcdefgh	Abcdefgh	Fail	Fail	Password constraint (no number)
John Doe	patient@gmail.com	Abcd1234	Abcd1234	Fail	Fail	Password constraint (no special character)
John Doe	patient@gmail.com	Abcd@123	Abcd@456	Fail	Fail	Password constraint (confirm password doesn't match)
John Doe	patient@gmail.com	(empty)	(empty)	Fail	Fail	Password constraint (empty field)
John Doe	(empty)	Abcd@123	Abcd@123	Fail	Fail	Email constraint (empty field)
John Doe	newuser@gmail.com	Abcd@123	Abcd@123	Success	Success	All fields valid - Email should not be used before

Sign up page(doctor)

Full Name Constraint:

- Name should be at least of 2 character and can be at most of 100 characters.
- Field cannot be empty

Email Constraints:

- Email should not already be registered.
- Email should contain '@' sign with character before and after.
- Field cannot be empty

Password Constraints:

- Password must be at least 8 characters long and contain at least one uppercase letter, one lowercase letter, one number, and one special character.
- 'Confirm password' and 'password' field should match.
- Field cannot be empty.

Specialization & clinic address:

- Field cannot be empty.

Years of experience & consultation fee:

- Field cannot be empty
- Characters are not allowed

Equivalence table:

Class	Full Name	Email	Password	Specialization	Clinic Address	Experience	Fee	Result
E1	valid	valid	valid	valid	valid	valid	valid	success
E2	valid	invalid	valid	valid	valid	valid	valid	error
E3	valid	valid	invalid	valid	valid	valid	valid	error
E4	valid	invalid	invalid	valid	valid	valid	valid	error
E5	invalid	valid	valid	valid	valid	valid	valid	error
E6	invalid	invalid	valid	valid	valid	valid	valid	error
E7	invalid	valid	invalid	valid	valid	valid	valid	error
E8	invalid	invalid	invalid	valid	valid	valid	valid	error

Boundary value analysis

(considered specialization and clinic address cannot be empty)

Full Name	Email	Password	Experience	Fee	Expected Output	Actual Output	Reason
A (1 char)	doc@gmail.com	Abcd@123	5	200	fail	fail	Name less than 2 characters
Jo (2 chars)	@gmail.com	Abcd@123	5	200	fail	fail	Invalid email – no character before '@'
John	antony@	Abcd@123	5	200	fail	fail	Invalid email – nothing after '@'
John	doc@gmail.com	Abc12@	5	200	fail	fail	Password length < 8
John	doc@gmail.com	abcd@123	5	200	fail	fail	Missing uppercase letter
John	doc@gmail.com	ABCD@123	5	200	fail	fail	Missing lowercase letter
John	doc@gmail.com	Abcdabcd	5	200	fail	fail	Missing number + special character
John	doc@gmail.com	Abcd@123	-1	200	fail	fail	Experience cannot be negative
John	doc@gmail.com	Abcd@123	5	-50	fail	fail	Fee cannot be negative
John (100 chars)	doc@gmail.com	Abcd@123	10	200	success	success	All constraints satisfied
John (101 chars)	doc@gmail.com	Abcd@123	10	200	fail	fail	Name exceeds 100 characters

Login page

- **Email constraint:** Required field (cannot be empty), already registered.
- **Password constraint:** Required field (cannot be empty) (not checking for another constraints as it is already stored in database)

Equivalence table

Equivalence class	role or Email	Password	Result
E1	valid	valid	success
E2	invalid	Valid	error
E3	valid	invalid	error
E4	invalid	invalid	error

Boundary value analysis:

(considered user role is already chosen)

E-mail	Password	Expected Output	Actual Output	Reason
a@	Abcd@123	fail	fail	Email constraint

E-mail	Password	Expected Output	Actual Output	Reason
@gmail.com	Abcd@123	fail	fail	Email constraint
abc@gmail.com	abcd@123	fail	fail	Password constraint
abc@gmail.com	Abcd@123	success	fail	If E-mail Is not registered
abc@gmail.com	Abcd@123	success	success	If E-mail Is registered

Patient's appointment form:

- Patient's name constraint:**
 Field cannot be empty. (already generated from database but is editable)
- Phone number constraint:**
 Number should be of 10 digits.
- Email address constraint:**
 Field cannot be empty. (already generated from database but is editable)
- Birth date constraint:**
 Field cannot be empty.
- Sex constraint:**
 Must select one of the options given

- **Primary language spoken constraint:**
Field cannot be empty.
- **What is the primary reason for your visit?**
Triage question constraint:
Field cannot be empty.
- **When did your main symptoms begin?**
Must select one of the options given.
- **Have you experienced any of the following severe symptoms in the last 7 days?**
Must select one of the options given.
- **Must tick mark consent to AI and medical emergency disclaimer(warning).**

Equivalence class partitioning:

Equivalence Class	Patient Name	Phone Number	Email	Birth Date	Sex	Primary Language	Reason for Visit	Symptoms Begin	Severe Symptoms	AI Consent	Emergency Disclaimer	Result
E1	Valid	Valid	Valid	Valid	Selected	Valid	Valid	Selected	Selected	Checked	Checked	Success
E2	Invalid	Valid	Valid	Valid	Selected	Valid	Valid	Selected	Selected	Checked	Checked	Error
E3	Valid	Invalid	Valid	Valid	Selected	Valid	Valid	Selected	Selected	Checked	Checked	Error
E4	Valid	Valid	Invalid	Valid	Selected	Valid	Valid	Selected	Selected	Checked	Checked	Error
E5	Valid	Valid	Valid	Invalid	Selected	Valid	Valid	Selected	Selected	Checked	Checked	Error

Equivalence Class	Patient Name	Phone Number	Email	Birth Date	Sex	Primary Language	Reason for Visit	Symptoms Begin	Severe Symptoms	AI Consent	Emergency Disclaimer	Result
E6	Valid	Valid	Valid	Valid	Not Selected	Valid	Valid	Selected	Selected	Checked	Checked	Error
E7	Valid	Valid	Valid	Valid	Selected	Invalid	Valid	Selected	Selected	Checked	Checked	Error
E8	Valid	Valid	Valid	Valid	Selected	Valid	Invalid	Selected	Selected	Checked	Checked	Error
E9	Valid	Valid	Valid	Valid	Selected	Valid	Valid	Not Selected	Selected	Checked	Checked	Error
E10	Valid	Valid	Valid	Valid	Selected	Valid	Valid	Selected	Not Selected	Checked	Checked	Error
E11	Valid	Valid	Valid	Valid	Selected	Valid	Valid	Selected	Selected	Not Checked	Checked	Error
E12	Valid	Valid	Valid	Valid	Selected	Valid	Valid	Selected	Selected	Checked	Not Checked	Error
E13	Invalid	Invalid	Invalid	Invalid	Not Selected	Invalid	Invalid	Not Selected	Not Selected	Not Checked	Not Checked	Error

Boundary Value analysis:

Patient Name	Phone Number	Email	Birth Date	Sex	Primary Language	Reason for Visit	Symptoms Begin	Severe Symptoms	AI Consent	Emergency Disclaimer	Expected Output	Actual Output	Reason
(empty)	9876543210	patient@gmail.com	04/12/2025	Male	English	Fever	Less than 7 days	Chest pain	✓	✓	Fail	Fail	Patient Name constraint (empty field)
John Doe	123	patient@gmail.com	04/12/2025	Male	English	Fever	Less than 7 days	Chest pain	✓	✓	Fail	Fail	Phone Number constraint (less than 10 digits)

Patient Name	Phone Number	Email	Birth Date	Sex	Primary Language	Reason for Visit	Symptoms Begin	Severe Symptoms	AI Consent	Emergency Disclaimer	Expected Output	Actual Output	Reason
John Doe	98765432109	patient@gmail.com	04/12/2025	Male	English	Fever	Less than 7 days	Chest pain	✓	✓	Fail	Fail	Phone Number constraint (more than 10 digits)
John Doe	abcdefghijklj	patient@gmail.com	04/12/2025	Male	English	Fever	Less than 7 days	Chest pain	✓	✓	Fail	Fail	Phone Number constraint (alphabetic characters not allowed)
John Doe	9876543210	(empty)	04/12/2025	Male	English	Fever	Less than 7 days	Chest pain	✓	✓	Fail	Fail	Email constraint (empty field)
John Doe	9876543210	patient@gmail.com	(empty)	Male	English	Fever	Less than 7 days	Chest pain	✓	✓	Fail	Fail	Birth Date constraint (empty field)
John Doe	9876543210	patient@gmail.com	04/12/2025	(not selected)	English	Fever	Less than 7 days	Chest pain	✓	✓	Fail	Fail	Sex constraint (must select option)
John Doe	9876543210	patient@gmail.com	04/12/2025	Male	(empty)	Fever	Less than 7 days	Chest pain	✓	✓	Fail	Fail	Primary Language constraint (empty field)
John Doe	9876543210	patient@gmail.com	04/12/2025	Male	English	(empty)	Less than 7 days	Chest pain	✓	✓	Fail	Fail	Reason for Visit constraint

Patient Name	Phone Number	Email	Birth Date	Sex	Primary Language	Reason for Visit	Symptoms Begin	Severe Symptoms	AI Consent	Emergency Disclaimer	Expected Output	Actual Output	Reason
													(empty field)
John Doe	9876543210	patient@gmail.com	04/12/2025	Male	English	Fever	(not selected)	Chest pain	✓	✓	Fail	Fail	Symptoms Begin constraint (must select option)
John Doe	9876543210	patient@gmail.com	04/12/2025	Male	English	Fever	Less than 7 days	(not selected)	✓	✓	Fail	Fail	Severe Symptoms constraint (must select option)
John Doe	9876543210	patient@gmail.com	04/12/2025	Male	English	Fever	Less than 7 days	Chest pain	X	✓	Fail	Fail	AI Consent constraint (must be checked)
John Doe	9876543210	patient@gmail.com	04/12/2025	Male	English	Fever	Less than 7 days	Chest pain	✓	X	Fail	Fail	Emergency Disclaimer constraint (must be checked)
John Doe	9876543210	patient@gmail.com	04/12/2025	Male	English	Fever	Less than 7 days	Chest pain	✓	✓	Success	Success	All fields valid – onto to the next page

Update profile (doctor side)

- **Full name constraints:**
 - Name should be at least of 2 character and can be at most of 100 characters.
 - Field cannot be empty
- **Email address constraints:**
 - Email should not already be registered.
 - Email should contain '@' sign with character before and after.
 - Field cannot be empty.
- **Medical license number:**
 - Field cannot be empty.
- **Specialization:**
 - Must select one of the options
- **Consultation fees & year of experience:**
 - Field cannot be empty.

Equivalence partitioning:

Equivalence Class	Full Name	Email	Medical License Number	Specialization	Consultation Fees	Years of Experience	Result
E1	Valid	Valid	Valid	Selected	Valid	Valid	Success
E2	Invalid	Valid	Valid	Selected	Valid	Valid	Error

Equivalence Class	Full Name	Email	Medical License Number	Specialization	Consultation Fees	Years of Experience	Result
E3	Valid	Invalid	Valid	Selected	Valid	Valid	Error
E4	Valid	Valid	Invalid	Selected	Valid	Valid	Error
E5	Valid	Valid	Valid	Not Selected	Valid	Valid	Error
E6	Valid	Valid	Valid	Selected	Invalid	Valid	Error
E7	Valid	Valid	Valid	Selected	Valid	Invalid	Error
E8	Invalid	Invalid	Invalid	Not Selected	Invalid	Invalid	Error

Boundary value analysis

Full Name	Email	Medical License Number	Specialization	Consultation Fees	Years of Experience	Expected Output	Actual Output	Reason
A	doctor@gmail.com	MED123456	Cardiology	500	10	Fail	Fail	Full Name constraint (less than 2 chars)
Dr	doctor@gmail.com	MED123456	Cardiology	500	10	Success	Success	Full Name constraint (exactly 2 chars - boundary)
Dr John Smith	abc@	MED123456	Cardiology	500	10	Fail	Fail	Email constraint (no char after @)
Dr John Smith	@gmail.com	MED123456	Cardiology	500	10	Fail	Fail	Email constraint (no char before @)
Dr John Smith	doctorgmail.com	MED123456	Cardiology	500	10	Fail	Fail	Email constraint (missing @ sign)
Dr John Smith	doctor@gmail.com	(empty)	Cardiology	500	10	Fail	Fail	Medical License Number constraint (empty field)

Full Name	Email	Medical License Number	Specialization	Consultation Fees	Years of Experience	Expected Output	Actual Output	Reason
Dr John Smith	doctor@gmail.com	MED123456	(not selected)	500	10	Fail	Fail	Specialization constraint (must select option)
Dr John Smith	doctor@gmail.com	MED123456	Cardiology	(empty)	10	Fail	Fail	Consultation Fees constraint (empty field)
Dr John Smith	doctor@gmail.com	MED123456	Cardiology	500	(empty)	Fail	Fail	Years of Experience constraint (empty field)
(empty)	doctor@gmail.com	MED123456	Cardiology	500	10	Fail	Fail	Full Name constraint (empty field)
Dr John Smith	(empty)	MED123456	Cardiology	500	10	Fail	Fail	Email constraint (empty field)
Dr John Smith	newdoctor@gmail.com	MED123456	Cardiology	500	10	Success	Success	All fields valid - Profile updated successfully

Prescription page (doctor side)

- Diagnosis
 - Field cannot be empty.
- Prescription – medication name
 - Field cannot be empty.
- Prescription – dosage
 - Field cannot be empty.
- Instructions (how many times to take it)
 - Field cannot be empty.

Equivalence partitioning:

Equivalence Class	Diagnosis	Medication Name	Dosage	Instructions	Result
E1	Valid	Valid	Valid	Valid	Success
E2	Invalid	Valid	Valid	Valid	Error
E3	Valid	Invalid	Valid	Valid	Error
E4	Valid	Valid	Invalid	Valid	Error
E5	Valid	Valid	Valid	Invalid	Error
E6	Invalid	Invalid	Invalid	Invalid	Error

Boundary value analysis:

Diagnosis	Medication Name	Dosage	Instructions	Expected Output	Actual Output	Reason
(empty)	paracetamol	500mg	3 times daily	Fail	Fail	Diagnosis constraint (empty field)
Bacterial Infection	(empty)	500mg	3 times daily	Fail	Fail	Medication Name constraint (empty field)
Bacterial Infection	paracetamol	(empty)	3 times daily	Fail	Fail	Dosage constraint (empty field)
Bacterial Infection	paracetamol	500mg	(empty)	Fail	Fail	Instructions constraint (empty field)

Diagnosis	Medication Name	Dosage	Instructions	Expected Output	Actual Output	Reason
Bacterial Infection	paracetamol	500mg	3 times daily	Success	Success	All fields valid - Prescription created successfully

[Forgot password](#)

- **User type:**
 - Cannot be left empty
- **Email:**
 - Cannot be left empty
 - Character should be before and after @

Equivalence Partitioning

Equivalence Class	User Type	Email	Result
E1	Valid	Valid	Success
E2	Invalid	Valid	Error
E3	Valid	Invalid	Error
E4	Invalid	Invalid	Error

Boundary Value analysis

User Type	Email	Expected Output	Actual Output	Reason
(empty)	user@gmail.com	Fail	Fail	User Type constraint (empty field)
Patient	abd@	Fail	Fail	Email constraint (no char after @)
Doctor	@gmail.com	Fail	Fail	Email constraint (no char before @)
Admin	usergmail.com	Fail	Fail	Email constraint (missing @ sign)
Patient	(empty)	Fail	Fail	Email constraint (empty field)
Doctor	user@gmail.com	Success	Success	All fields valid - Password reset link sent

Reset Password

- New Password constraint: Must be 8+ characters with one special case, one upper case, one lower case and one number. Cannot be left empty.

- Confirm password constraint: should match new password, cannot be left empty.

Equivalence Partitioning:

Equivalence Class	New Password	Confirm Password	Result
E1	Valid	Matches New Password	Success
E2	Invalid	Matches New Password	Error
E3	Valid	Does Not Match	Error
E4	Invalid	Does Not Match	Error
E5	Empty	Empty	Error

Boundary Value Analysis:

New Password	Confirm Password	Expected Output	Actual Output	Reason
Abc@12	Abc@12	Fail	Fail	New Password constraint (less than 8 chars - only 6)
Abcd@123	Abcd@123	Success	Success	New Password boundary (exactly 8 chars with all requirements)
abcd@123	abcd@123	Fail	Fail	New Password constraint (no uppercase letter)
ABCD@123	ABCD@123	Fail	Fail	New Password constraint (no lowercase letter)
Abcdefgh	Abcdefgh	Fail	Fail	New Password constraint (no number)
Abcd1234	Abcd1234	Fail	Fail	New Password constraint (no special character)
Abcd@123	Abcd@456	Fail	Fail	Confirm Password constraint (passwords do not match)
(empty)	(empty)	Fail	Fail	New Password constraint (empty field)

New Password	Confirm Password	Expected Output	Actual Output	Reason
Abcd@123	(empty)	Fail	Fail	Confirm Password constraint (empty field)
Abcd@123	Abcd@123	Success	Success	All fields valid - Password reset successful

Review page:

- Rating Constraint: field should be marked out of 5

Equivalence partitioning:

Equivalence Class	Rating	Feedback	Result
E1	Valid (1-5 stars)	Valid/Optional	Success
E2	Invalid (not selected)	Valid/Optional	Error

Boundary value analysis:

Rating	Feedback	Expected Output	Actual Output	Reason
Not selected	This doctor was very helpful	Fail	Fail	Rating constraint (must select rating out of 5)
1 star	Poor experience	Success	Success	Rating boundary (minimum valid rating)
2 stars	Below average service	Success	Success	Valid rating
3 stars	Average experience	Success	Success	Valid rating
4 stars	Good service	Success	Success	Valid rating
5 stars	Excellent doctor	Success	Success	Rating boundary (maximum valid rating)

Rating	Feedback	Expected Output	Actual Output	Reason
3 stars	(empty)	Success	Success	Feedback is optional - Valid submission
5 stars	The doctor was professional and caring	Success	Success	All fields valid - Review submitted successfully

Acceptance Testing

SignUp page:

Welcome Back

Sign in to your account

I am a

Select your role

Email

name@example.com

Password

Enter your password

[Forgot password?](#)

Sign In

Or sign in with

Sign in with Google

Don't have an account? [Sign up](#)

Test: 1

Username: Antony@123

Email: abd@

password: Abcd@123

User type: Patient

output: invalid

Create an Account
Get started with IntelliConsult

Full Name
Antony@123

Email
abd@

Please enter a part following '@'. 'abd@' is incomplete.

Patient

Password
Abcd@123

Confirm Password
Abcd@123

Create Account

Already have an account? [Sign in](#)

Test: 2

Username: Antony@123

Email: @gmail.com

password: Abcd@123

User type: Patient

Output: Invalid

Create an Account

Get started with IntelliConsult

Full Name

Antony@123

Email

@gmail.com

⚠ Please enter a part followed by '@'. '@gmail.com' is incomplete.

Patient

Password

Abcd@123

Confirm Password

Abcd@123

Create Account

Already have an account? [Sign in](#)

Test: 3

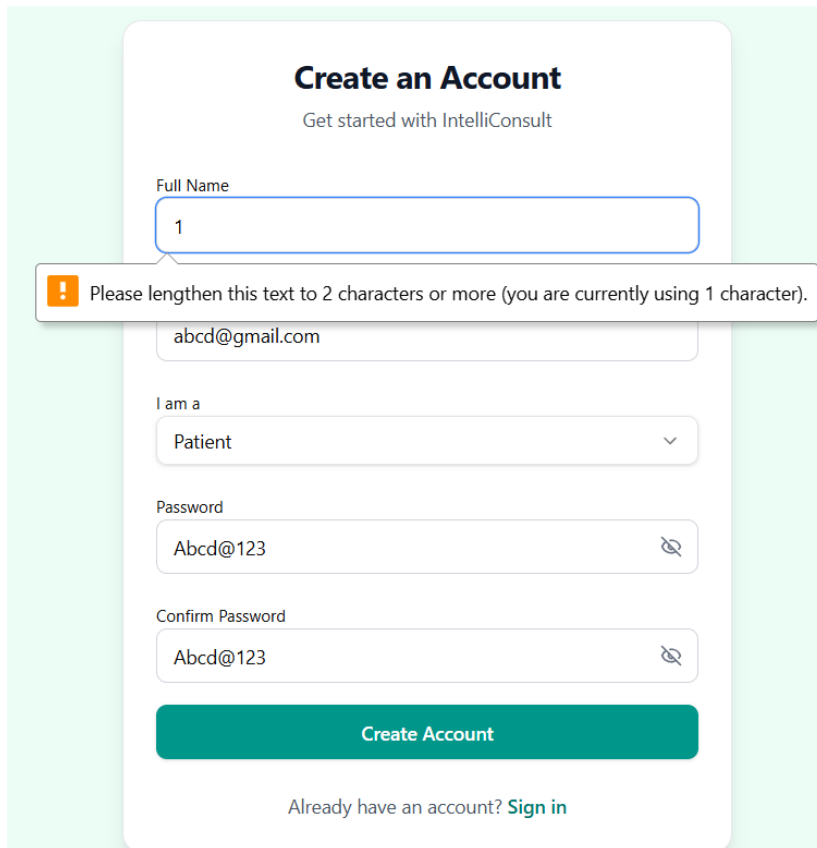
Username: 1

Email: [abcd@gmail.com](#)

User Type: Patient


password: Abcd@123

Output: Invalid



Create an Account
Get started with IntelliConsult

Full Name

 Please lengthen this text to 2 characters or more (you are currently using 1 character).

I am a

Password

Confirm Password

[Create Account](#)

Already have an account? [Sign in](#)

Test 4:

Username: abc

Email: nerali@gmail.com

password: Abcd

User Type: Patient

Output: Invalid

Create an Account

Get started with IntelliConsult

Password must be at least 8 characters long and contain at least one uppercase letter, one lowercase letter, one number, and one special character.

Full Name

HILOO

Email

nerali@gmail.com

I am a

Patient

Password

Abcd

Confirm Password

Abcd

Create Account

Already have an account? [Sign in](#)

Test 5:

Username: abc

Email: abc@gmail.com

password: Abcd

User Type: Doctor

Specialization: not selected

Output: invalid

The image shows a web form titled "Create an Account" with the subtitle "Get started with IntelliConsult". A red error message "Path `specialization` is required." is displayed at the top. The form contains four input fields: "Full Name" with the value "abcdef", "Email" with the value "abcde@gmail.com", "I am a" with a dropdown menu showing "Doctor", and "Specialization" with a dropdown menu showing "Select your specialty".

Create an Account
Get started with IntelliConsult

Path `specialization` is required.

Full Name
abcdef

Email
abcde@gmail.com

I am a
Doctor

Specialization
Select your specialty

Test 6:

Username: abc

Email: abc@gmail.com

User Type: Doctor

Specialization: dermatology

Years of experience: Left empty or negative value

Output: Invalid

Create an Account

Get started with IntelliConsult

Years of experience must be positive.

Full Name

abc

Email

abcde@gmail.com

I am a

Doctor



Specialization

Dermatology



Years of Experience

-1

Create an Account
Get started with IntelliConsult

Full Name
abc

Email
abc@gmail.com

I am a
Doctor

Specialization
Dermatology

Years of Experience
e.g., 10

Medical License Number
Your license number

Clinic Address
e.g., 123 Health St, Wellness City

Consultation Fee (in ₹)
e.g., 800

Please fill out this field.

Test no. 6:

Username: abc

Email: abc@gmail.com

User Type: Doctor

Specialization: dermatology

Years of experience: 0

Medical License Number: left empty

Output: Invalid

Create an Account

Get started with IntelliConsult

Full Name

abc

Email

abc@gmail.com

I am a

Doctor

Specialization

Dermatology

Years of Experience

0

Medical License Number

Your license number

Clinic Address

e.g., 123 Health St, Wellness City



Please fill out this field.

Consultation Fee (in ₹)

e.g. 800

Test no. 7:

Username: abc

Email: abc@gmail.com

User Type: Doctor

Specialization: dermatology

Years of experience: 0

Medical License Number: 123

Clinic address: left empty

Output: Invalid

Create an Account
Get started with IntelliConsult

Full Name
abc

Email
abc@gmail.com

I am a
Doctor

Specialization
Dermatology

Years of Experience
0

Medical License Number
123

Clinic Address
e.g., 123 Health St, Wellness City

Consultation Fee (in USD)
e.g., 800

Please fill out this field.

Test no. 8:

Username: abc

Email: abc@gmail.com

User Type: Doctor

Specialization: dermatology

Years of experience: 0

Medical License Number: 123

Clinic address: at xyz street

Consultation fee: left empty or negative value

Output: Invalid

Create an Account

Get started with IntelliConsult

Path `consultationFee` (-3) is less than minimum allowed value (0).

Full Name

abc

Email

abc@gmail.com

I am a

Doctor

Specialization

Dermatology

Years of Experience

0

Medical License Number

123

Email
abc@gmail.com

I am a
Doctor

Specialization
Dermatology

Years of Experience
0

Medical License Number
123

Clinic Address
at xyz street

Consultation Fee (in ₹)
e.g., 800

Brief Bio
Tell patients a little about yourself...

Password

Please fill out this field.

Test no. 8:

Username: abc

Email: abc@gmail.com

User Type: Doctor

Specialization: dermatology

Years of experience: 0

Medical License Number: 123

Clinic address: at xyz street

Consultation fee: 400

Password: Abcd@123

Confirm password: abcd@123

Output: Invalid

Create an Account

Get started with IntelliConsult

Passwords do not match!

Full Name

abc

Email

abc@gmail.com

I am a

Doctor

Specialization

Dermatology

Years of Experience

0

Medical License Number

123

Test no. 9:

Username: abc

Email: abc@gmail.com

Specialization: dermatology

User Type: Doctor

Years of experience: 0(cannot be negative)

Medical License Number: 123(unique)

Clinic address: at xyz street

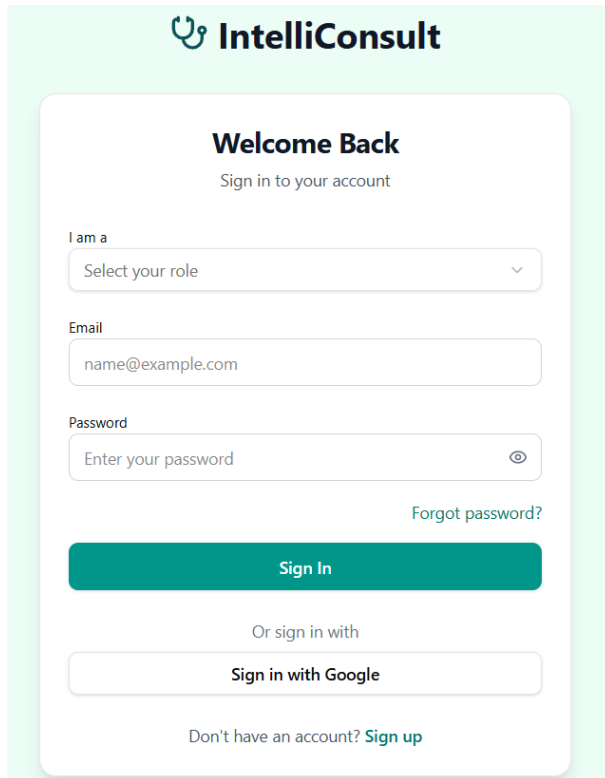
Consultation fee: 400(cannot be negative)

Password: Abcd@123

Confirm password: Abcd@123

Output: success

Login Page:



The image shows a login page for IntelliConsult. At the top, there is a logo with a stethoscope icon and the text "IntelliConsult". Below the logo, the heading "Welcome Back" is displayed, followed by the subtext "Sign in to your account". The form contains three input fields: "I am a" with a dropdown menu showing "Select your role", "Email" with the placeholder "name@example.com", and "Password" with the placeholder "Enter your password" and an eye icon for toggling visibility. A "Forgot password?" link is located below the password field. A large teal "Sign In" button is positioned below the form fields. Below the button, there is a link "Or sign in with" followed by a "Sign in with Google" button. At the bottom, a link "Don't have an account? Sign up" is provided.

IntelliConsult

Welcome Back
Sign in to your account

I am a
Select your role

Email
name@example.com

Password
Enter your password

[Forgot password?](#)

Sign In

Or sign in with

Sign in with Google

Don't have an account? [Sign up](#)

Test no. 1:

Username: empty

Email: abc@gmail.com

Password: abc@123

Output: invalid



Welcome Back

Sign in to your account

Please select a user role.

I am a

Select your role

Email

abc@gmail.com

Password

abc@123

[Forgot password?](#)

Sign In

Or sign in with

Sign in with Google

Don't have an account? [Sign up](#)

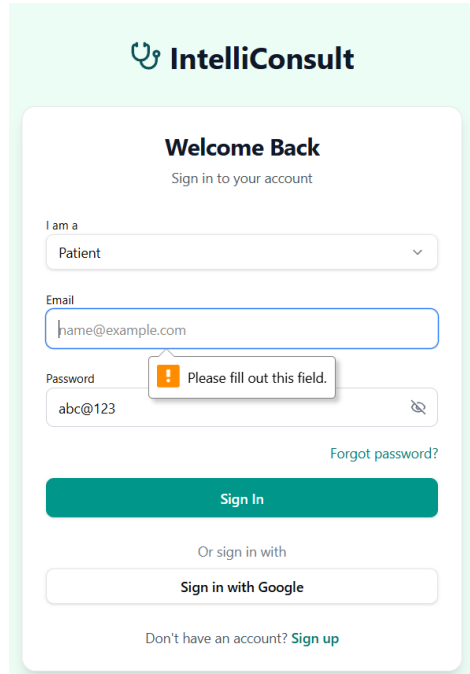
Test no. 2:

Username: Patient

Email: empty

Password: abc@123

Output: invalid



The image shows a login form for IntelliConsult. At the top, the IntelliConsult logo is displayed. Below it, the heading "Welcome Back" is followed by the subtext "Sign in to your account". The form contains three input fields: "I am a" with a dropdown menu set to "Patient", "Email" with the value "hame@example.com", and "Password" with the value "abc@123". A red error message "Please fill out this field." is shown above the password field. To the right of the password field is a "Forgot password?" link. Below the fields is a green "Sign In" button. Underneath the button is the text "Or sign in with" followed by a "Sign in with Google" button. At the bottom, there is a link "Don't have an account? Sign up".

Test 3.

User Type: Patient

Email: 1

Password: abc@123

Output: Invalid

Welcome Back
Sign in to your account

I am a
Patient

Email
1|

! Please include an '@' in the email address. '1' is missing an '@'.

abc@123

[Forgot password?](#)

Sign In

Or sign in with

Sign in with Google

Don't have an account? [Sign up](#)

Test 4:

User Type: Patient

Email: 1@

Password: abc@123

Output: Invalid



Welcome Back

Sign in to your account

I am a

Patient

Email

1@

Pa:

Please enter a part following '@'. '1@' is incomplete.

abc@123

[Forgot password?](#)

Sign In

Or sign in with

Sign in with Google

Don't have an account? [Sign up](#)

Test 5:

User Type: Patient

Email: 1@

Password: abc@123

Output: Invalid

Welcome Back
Sign in to your account

I am a
Patient

Email
1@|

Please enter a part following '@'. '1@' is incomplete.

abc@123

[Forgot password?](#)

Sign In

Or sign in with

Sign in with Google

Don't have an account? [Sign up](#)

Test no. 6:

User Type: Patient

Email: abc@gmail.com

Password: abc@123

Output: Success

Appointment page:

Test 1:

Medical Emergency Disclaimer: Not selected

Review Booking: Not active

Test 2:

Medical Emergency Disclaimer: Selected


Patient Full name: Om

Phone Number: 1234567

Revier Booking: not activated

Appointment Details

Please provide details about the patient's visit.

 **Medical Emergency Disclaimer**

If you are experiencing a medical emergency (such as severe chest pain, difficulty breathing, uncontrolled bleeding, or sudden weakness), **please call emergency services immediately.**

☒ I confirm this is NOT a medical emergency.

Patient Information

Patient's Full Name *

Phone Number *

Email Address *

Phone number must be 10 digits.

Birth Date *

Sex *

Primary Language Spoken *

Test no 3:

Medical Emergency Disclaimer: Selected

Patient Full name: Om

Phone Number: 1234567890

Email Address: left empty

Review Booking: not activated

Test no. 4:

Medical Emergency Disclaimer: Selected

Patient Full name: Om

Phone Number: 1234567890

Email Address: abc@gmail.com

Birth date: not selected

Received Booking: not activated

Test no. 5:

Medical Emergency Disclaimer: Selected

Patient Full name: Om

Phone Number: 1234567890

Email Address: abc@gmail.com

Birth date: 12-05-2005

Sex: not selected

Review Booking: not active

Test no. 6:

Medical Emergency Disclaimer: Selected

Patient Full name: Om

Phone Number: 1234567890

Email Address: abc@gmail.com

Birth date: 12-05-2005

Sex: Male

Primary language: left empty

Review Booking: not active

Test no.7:

Medical Emergency Disclaimer: Selected

Patient Full name: Om

Phone Number: 1234567890

Email Address: abc@gmail.com

Birth date: 12-05-2005

Sex: Male

Primary language: Hindi

Primary Reason: Hindi

Symptom begin: not specified

Review Booking: not active

Test no.8:

Medical Emergency Disclaimer: Selected

Patient Full name: Om

Phone Number: 1234567890

Email Address: abc@gmail.com

Birth date: 12-05-2005

Sex: Male

Primary language: Hindi

Primary Reason: flu

Symptom begin: Less than 24 hours ago

Have you experienced any of the following severe symptoms in the last 7 days: Not selected

Review Booking: not active

Test no. 9:

Medical Emergency Disclaimer: Selected

Patient Full name: Om

Phone Number: 1234567890

Email Address: abc@gmail.com

Birth date: 12-05-2005

Sex: Male

Primary language: Hindi

Primary Reason: flu

Symptom begin: Less than 24 hours ago

Have you experienced any of the following severe symptoms in the last 7 days: None of the above

Consent to ai: not clicked

Review Booking: not active

☐ Consent to AI Processing *

I confirm the information is accurate and consent to it being processed by an AI to create a medical summary for my doctor.

← Back

Review Booking →

Test no. 10:

Medical Emergency Disclaimer: Selected

Patient Full name: Om

Phone Number: 1234567890

Email Address: abc@gmail.com

Birth date: 12-05-2005

Sex: Male

Primary language: Hindi

Primary Reason: flu

Symptom begin: Less than 24 hours ago

Have you experienced any of the following severe symptoms in the last 7 days: None of the above

Consent to ai: selected

Review Booking: active

☒ Consent to AI Processing *

I confirm the information is accurate and consent to it being processed by an AI to create a medical summary for my doctor.

[← Back](#)

[Review Booking →](#)

Review page:

Leave a Review for Dr. Om Patel



Your feedback helps other patients and our doctors.

Rating



Feedback (Optional)

Tell us about your experience...

[Cancel](#)

[Submit Review](#)

Rating: left empty

Output: invalid

Prescription page:

The screenshot shows the IntelliConsult Prescription page. At the top left is the IntelliConsult logo. At the top right is a "Back to Dashboard" button. The page is divided into several sections:

- Diagnosis:** A section with a "Diagnosis *" label and a text input field containing "e.g., Upper Respiratory Tract Infection, Hypertension, etc.". Below the input field is a hint: "Enter the primary diagnosis or condition".
- Prescription:** A section with a "Prescription" label and a "+ Add Medication" button. It contains a form for "Medication 1" with fields for "Medication Name *" (containing "e.g., Paracetamol, Amoxicillin"), "Dosage *" (containing "e.g., 500mg, 10ml"), "Instructions *" (containing "e.g., Take twice daily after meals"), and "Duration" (containing "e.g., 7 days, 2 weeks, As needed").
- Follow-up:** A section with a "Follow-up" label and a "Schedule a follow-up appointment if needed" instruction. It includes a "Follow-up required" checkbox.
- Quick Actions:** A section with a "Save Prescription" button and a "Cancel" button.
- Patient Summary:** A section with a "Patient Summary" label.

Test case 1:

Diagnosis: not provided

Output: Error

This screenshot shows the same Prescription page as before, but with an error message. The "Diagnosis *" input field is highlighted with a red border, and a red error message box appears below it, stating "Please fill out this field.".

Test case 2:

Diagnosis: Hypertension

Medical name: not provided

Output: error

The screenshot shows a form titled "Diagnosis" with the instruction "Enter the primary diagnosis for this consultation". Below this is a text input field labeled "Diagnosis *" containing the text "e.g., Upper Respiratory Tract Infection, Hypertension, etc.". A tooltip with an exclamation mark icon and the text "Please fill out this field." is pointing to the input field. Another tooltip with the same text is visible to the right of the field.

Test no. 3:

Diagnosis: Hypertension

Medical name: paracetamol

Dosage: not provided

Output: error

The screenshot shows a form titled "Medication 1" with two input fields. The first field, labeled "Medication Name *", contains the text "Paracetamol". The second field, labeled "Dosage *", contains the text "e.g., 500mg, 10ml". A tooltip with an exclamation mark icon and the text "Please fill out this field." is pointing to the dosage field. Below these fields is a third field labeled "Instructions *" with the text "e.g. Take twice daily after meals".

Test no. 4:

Diagnosis: Hypertension

Medical name: paracetamol

Dosage: 500mg

Instructions: not provided

Output: error

Test no. 5:

Diagnosis: Hypertension

Medical name: paracetamol

Dosage: 500mg

Instructions: twice a day

Output: success

smart-healthcare-appointment-and-
triage.onrender.com says

Prescription updated successfully!

OK

Block off slot:


×

Add New Block


Block off a time slot on a specific date.

Reason


Date



Start Time



End Time



Cancel

Save Block

Constraint: all the field should be filled

smart-healthcare-appointment-and-triage.onrender.com says

All fields are required.



Test 1:

All the fields are provided

Output: success

Blocked Times

Block specific time slots

+ Add Block

Lunch

11/19/2025 • 12:00 - 13:00




meeting

11/23/2025 • 12:00 - 13:00



Update profile: (doctor side)

**IntelliConsult**

← Dashboard

↔ Logout

OP

Update Profile

Update your professional information and consultation details.

Personal Information

Update your basic personal details

Full Name*

Om Patel

Email Address*

omp151105@gmail.com

Phone Number

10-digit mobile number

Medical License Number*

654

Address

B-90,Ashutosh Society-2,Link Road,Bharuch,Gujarat,India

Information is already generated using the past data if we clear them few constraints are applied.

Test no.1:

Full name: left empty

Output: invalid

Personal Information

Update your basic personal details


Full Name*

Email Address*

omp151105@gmail.com

Phone Number

Medical License Number*

 Please fill out this field.

Test no. 2:

Full name: Om patel

Email address: not filled

Output: invalid

Personal Information

Update your basic personal details

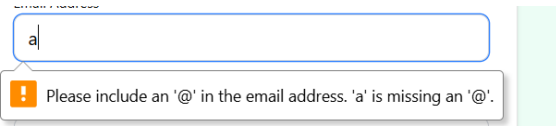
Full Name*	Om Patel	Email Address*	
Phone Number	10-digit mobile number	Medical License Num	654
Address			
B-90,Ashutosh Society-2,Link Road,Bharuch,Gujarat,India			

Test no. 3:

Full name: Om patel

Email address: a

Output: invalid



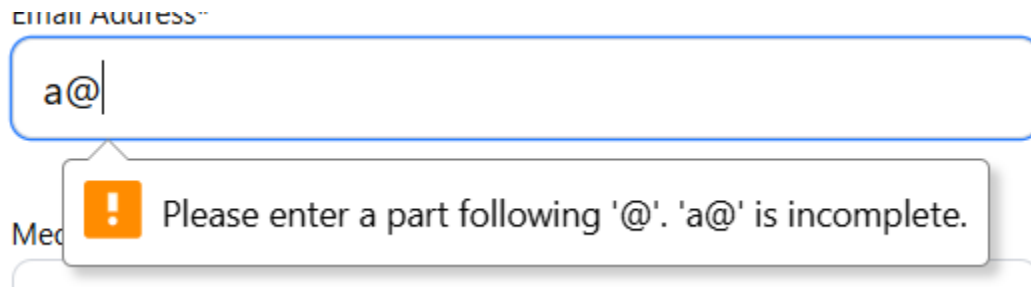
A screenshot of a web form with a text input field containing the letter 'a'. Below the field is a validation message: "Please include an '@' in the email address. 'a' is missing an '@'." The message is enclosed in a light gray box with a small orange exclamation mark icon on the left.

Test no. 4:

Full name: Om Patel

Email address: a@

Output: invalid



A screenshot of a web form with a text input field containing 'a@'. Below the field is a validation message: "Please enter a part following '@'. 'a@' is incomplete." The message is enclosed in a light gray box with a small orange exclamation mark icon on the left.

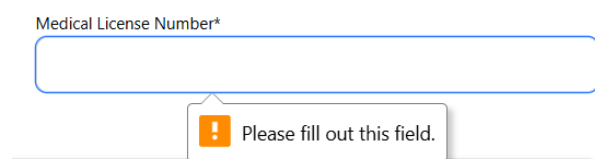
Test no. 5:

Full name: Om Patel

Email address: om151105@gmail.com

Medical license: not provided

Output: invalid



A screenshot of a web form with a text input field for the "Medical License Number". Below the field is a validation message: "Please fill out this field." The message is enclosed in a light gray box with a small orange exclamation mark icon on the left.

Test no. 6:

Full name: Om Patel

Email address: om151105@gmail.com

Medical license: 682

Year of Experience: not provided

Output: invalid

Years of Experience*



Please fill out this field.

Test no. 7:

Full name: Om Patel

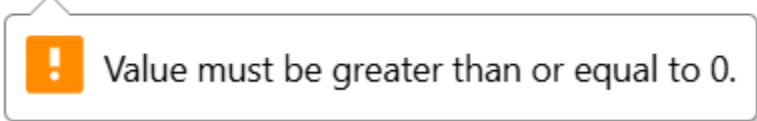
Email address: om151105@gmail.com

Medical license: 682

Year of Experience: negative(-1)

Output: invalid

Years of Experience*



Test no. 8:

Full name: Om Patel

Email address: om151105@gmail.com

Medical license: 682

Year of Experience: 0

Consultation fee: not provided

Output: invalid

Professional Information

Update your medical specialization and experience

Specialization*

Pediatrics

Years of Experience*

0

Consultation Fee (in ₹)*

e.g., 800



Please fill out this field.

Bio/About

Dr. Om Patel is a board-certified pediatrician with over twenty years of experience providing comprehensive medical care to

Test no. 9:

Full name: Om Patel

Email address: om151105@gmail.com

Medical license: 682

Year of Experience: 0

Consultation fee: -1(negative)

Output: invalid

Consultation Fee (in ₹)*

-1



Value must be greater than or equal to 0.

Bio/About

Test no. 10:

Full name: Om Patel

Email address: om151105@gmail.com

Medical license: 682

Year of Experience: 0

Consultation fee: 601


Output: success

**smart-healthcare-appointment-and-
triage.onrender.com says**

Profile updated successfully!



Forgot password page:



Forgot Password

Enter your email to reset your password

I am a

Select your role

Email

name@example.com

! Please fill out this field.

Remembered your password? [Sign in](#)

Test no. 1:

Email: 202301060@dau.ac.in

User type: not provided

Output: error

Forgot Password
Enter your email to reset your password

Please enter your email and select your role.

I am a
Select your role

Email
202301060@dau.ac.in

Send Reset Link

Remembered your password? [Sign in](#)

Test no.2:

Email: 2

User type: admin

Output: error

Forgot Password
Enter your email to reset your password

I am a
Admin

Email
2

! Please include an '@' in the email address. '2' is missing an '@'.

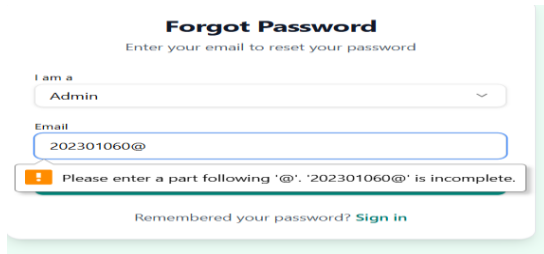
Remembered your password? [Sign in](#)

Test no. 4:

Email: 202301060@

User type: admin


Output: error



Forgot Password
Enter your email to reset your password

I am a

Email

 Please enter a part following '@'. '202301060@' is incomplete.

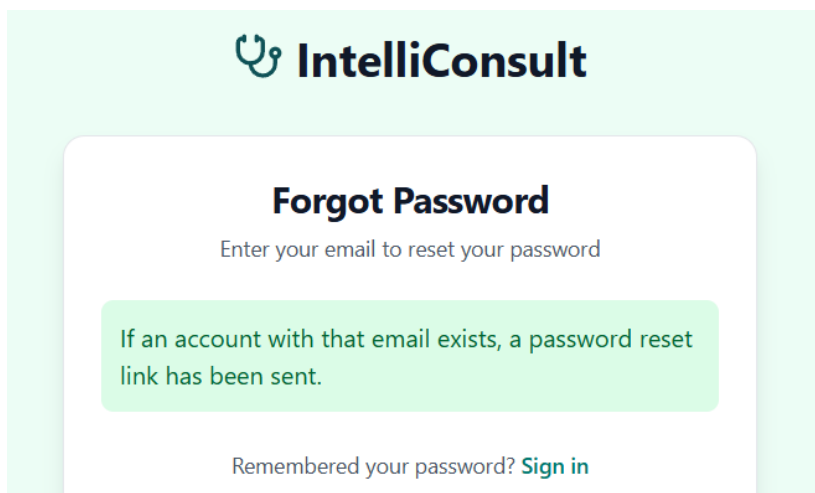
Remembered your password? [Sign in](#)


Test no. 5:

Email: 202301060@gmail.com

User type: admin

Output: success




 **IntelliConsult**

Forgot Password
Enter your email to reset your password

If an account with that email exists, a password reset link has been sent.

Remembered your password? [Sign in](#)


Reset password page:



Reset Your Password


Enter your new password below

New Password



Must be 8+ characters, with one uppercase, one lowercase, one number, and one special character.

Confirm New Password




Reset Password

Remembered your password? [Sign in](#)

Test no. 1:

New password: not provided

Output: error



The image shows a web form titled "Reset Your Password" from IntelliConsult. The form is set against a light green background. It contains two input fields: "New Password" and "Confirm New Password". The "New Password" field has a placeholder text "Enter your new password" and a toggle icon. Below it, a small text label reads "Must be 8+ characters, one uppercase, one lowercase, one number, and one special character." An orange error message box with a white exclamation mark icon is positioned over the "New Password" field, displaying the text "Please fill out this field." Below the "Confirm New Password" field, there is a green "Reset Password" button. At the bottom of the form, there is a link that says "Remembered your password? Sign in".

Test 2:

New password: not satisfying the constraints (Must be 8+ characters, with one uppercase, one lowercase, one number, and one special character.)

Output: error

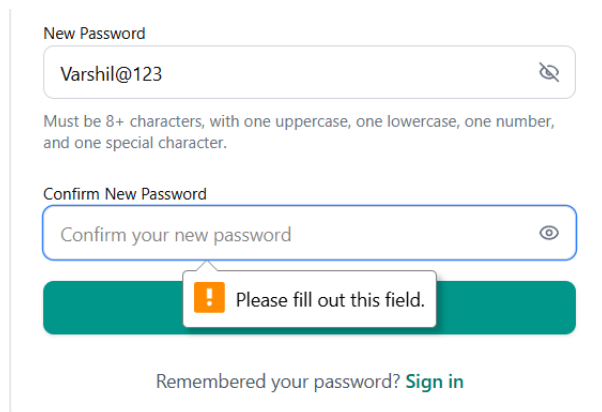
Password must be at least 8 characters long and contain one uppercase, one lowercase, one number, and one special character.

Test no. 3:

New password: Varshil@123

Confirm password: not provided

Output: error



The screenshot shows a web form for password management. It has two input fields: 'New Password' and 'Confirm New Password'. The 'New Password' field contains the text 'Varshil@123' and has a small icon to its right. Below it is a validation message: 'Must be 8+ characters, with one uppercase, one lowercase, one number, and one special character.' The 'Confirm New Password' field is empty and has a small icon to its right. Below the 'Confirm New Password' field, there is a red error message box that says 'Please fill out this field.' At the bottom of the form, there is a link that says 'Remembered your password? Sign in'.

Test no. 4:

New password: Varshil@123

Confirm password: var

Output: error

Reset Your Password
Enter your new password below

Passwords do not match!

New Password
Varshil@123

Must be 8+ characters, with one uppercase, one lowercase, one number, and one special character.

Confirm New Password
Vars

Reset Password

Remembered your password? [Sign in](#)

Test no. 5:

New password: Varshil@123

Confirm password: var

Link: expired

Output: error

Reset Your Password

Enter your new password below

Token is invalid or has expired.

New Password



Must be 8+ characters, with one uppercase, one lowercase, one number, and one special character.

Confirm New Password



Reset Password

Remembered your password? [Sign in](#)

