Black-Box Testing

# URL: /Sign in

| Partition # | Description |
| --- | --- |
| E1 | Valid Types - NGO, Fundraiser, Organizer |
| E2 | Invalid Type - Other |
| E3 | Empty Type |
| E4 | Valid Email Formats |
| E5 | Invalid Email Format |
| E6 | Empty Email |
| E7 | Valid Passwords - Meeting complexity requirements |
| E8 | Invalid Password - Too Short |
| E9 | Invalid Password - No Uppercase |
| E10 | Invalid Password - No Lowercase |
| E11 | Invalid Password - No Special Character |
| E12 | Invalid Password - No Numeric Character |
| E13 | Empty Password |

| Test Case # | Input Data | Expected Outcome | Classes Covered |
| --- | --- | --- | --- |
| 1 | NGO | Successful sign-in | E1: Valid Types - NGO |
| 2 | User | Error: Invalid type | E2: Invalid Type - Other |
| 3 | (Blank) | Error: Please select a type | E3: Empty Type |
| 4 | user@example.com | Successful sign-in | E4: Valid Email Formats |
| 5 | invalid email | Error: Invalid email format | E5: Invalid Email Format |
| 6 | (Blank) | Error: Email is required | E6: Empty Email |
| 7 | ComplexP@ssw0rd | Successful sign-in | E7: Valid Passwords - Meeting complexity requirements |
| 8 | Short | Error: Password must be at least 8 characters | E8: Invalid Password - Too Short |
| 9 | simplepass123 | Error: Include at least one uppercase letter | E9: Invalid Password - No Uppercase |
| 10 | SIMPLEPASS123 | Error: Include at least one lowercase letter | E10: Invalid Password - No Lowercase |
| 11 | NoSpecial123 | Error: Include at least one special character | E11: Invalid Password - No Special Character |
| 12 | NoNumeric@Pass | Error: Include at least one numeric character | E12: Invalid Password - No Numeric Character |
| 13 | (Blank) | Error: Password is required | E13: Empty Password |

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# URL: /Sign in/Sign up

| Partition # | Description |
| --- | --- |
| E1 | Valid Options - NGO, Fundraiser, Organizer |
| E2 | Invalid Type - Other |

| Test Case # | Input Data | Expected Outcome | Classes Covered |
| --- | --- | --- | --- |
| 1 | NGO | Successful sign-in | E1: Valid Types - NGO |
| 2 | User | Error: Invalid type | E2: Invalid Type - Other |
| 3 | Fundraiser | Successful sign-in | E1: Valid Types - Fundraiser |
| 4 | Organizer | Successful sign-in | E1: Valid Types - Organizer |

# 

# URL: /Sign in/Sign up/Registration/NGO

| Partition # | Description | Input |
| --- | --- | --- |
| E1 | Valid NGO Name | ABC NGO |
| E2 | Empty NGO Name | (Blank) |
| E3 | Valid Email Format | user@example.com |
| E4 | Invalid Email Format | invalid email |
| E5 | Empty Email | (Blank) |
| E6 | Valid Contact Number (10 digits) | 1234567890 |
| E7 | Invalid Contact Number (Too Short) | 12345 |
| E8 | Invalid Contact Number (Alphanumeric) | abc1234567 |
| E9 | Empty Contact Number | (Blank) |
| E10 | Valid NGO License Number (12 digits) | 123456789101 |
| E11 | Empty NGO License Number | (Blank) |
| E12 | Valid City | Abc |
| E13 | Empty City | (Blank) |
| E14 | Valid State | Abc |
| E15 | Empty State | (Blank) |
| E16 | Valid 6-digit PIN | 123456 |
| E17 | Invalid PIN (5 digits) | 12345 |
| E18 | Invalid PIN (Alphanumeric) | abc123 |
| E19 | Empty PIN | (Blank) |
| E20 | Valid Date Format | MM-DD-YYYY |
| E21 | Invalid Date Format | 2023/01/01 |
| E22 | Empty Date | (Blank) |
| E23 | Invalid Password (Too Short) 6-digit | asb123 |
| E24 | Invalid Password (Too Long) 15-digit < | lowercase1234567 |
| E25 | Valid Password 7 to 15 digit | p@ssword12345 |
| E26 | Invalid Password (No Special Character) | NoSpecial123 |
| E27 | Invalid Password (No Numeric Character) | NoNumeric@Pass |
| E28 | Empty Password | (Blank) |
| E29 | Matching Passwords | p@ssword12345 |
| E30 | Non-Matching Passwords | DifferentP@ss1 |
| E31 | Empty Confirm Password | (Blank) |
| E32 | Valid 6-digit OTP | 123456 |
| E33 | Invalid OTP (5 digits) | 12345 |
| E34 | Invalid OTP (Alphanumeric) | abc123 |
| E35 | Empty OTP | (Blank) |

| Test Case # | Input Data | Expected Outcome | Classes Covered |
| --- | --- | --- | --- |
| 1 | ABC NGO | Successful registration | E1: Valid NGO Name |
| 2 | (Blank) | Error: NGO Name is required | E2: Empty NGO Name |
| 3 | user@example.com | Successful registration | E3: Valid Email Format |
| 4 | invalid email | Error: Invalid email format | E4: Invalid Email Format |
| 5 | (Blank) | Error: Email is required | E5: Empty Email |
| 6 | 1234567890 | Successful registration | E6: Valid Contact Number (10 digits) |
| 7 | 12345 | Error: Invalid contact number | E7: Invalid Contact Number (Too Short) |
| 8 | abc1234567 | Error: Invalid contact number | E8: Invalid Contact Number (Alphanumeric) |
| 9 | (Blank) | Error: Contact number is required | E9: Empty Contact Number |
| 10 | 123456789101 | Successful registration | E10: Valid NGO License Number |
| 11 | (Blank) | Error: NGO License Number is required | E11: Empty NGO License Number |
| 12 | Abc | Successful registration | E12: Valid City |
| 13 | (Blank) | Error: City is required | E13: Empty City |
| 14 | Abc | Successful registration | E14: Valid State |
| 15 | (Blank) | Error: State is required | E15: Empty State |
| 16 | 123456 | Successful registration | E16: Valid 6-digit PIN |
| 17 | 12345 | Error: Invalid PIN | E17: Invalid PIN (5 digits) |
| 18 | abc123 | Error: Invalid PIN | E18: Invalid PIN (Alphanumeric) |
| 19 | (Blank) | Error: PIN is required | E19: Empty PIN |
| 20 | MM-DD-YYYY | Successful registration | E20: Valid Date Format |
| 21 | 2023/01/01 | Error: Invalid date format | E21: Invalid Date Format |
| 22 | (Blank) | Error: Date is required | E22: Empty Date |
| 23 | asb123 | Error: Password is too short (6 characters) | E23: Invalid Password (Too Short) |
| 24 | lowercase1234567 | Error: Password is too long (15 characters) | E24: Invalid Password (Too Long) |
| 25 | p@ssword12345 | Successful registration | E25: Valid Password 7 to 15 digit |
| 26 | NoSpecial123 | Error: Password must include a special character | E26: Invalid Password (No Special Character) |
| 27 | NoNumeric@Pass | Error: Password must include a numeric character | E27: Invalid Password (No Numeric Character) |
| 28 | (Blank) | Error: Password is required | E28: Empty Password |
| 29 | p@ssword12345 | Error: Passwords do not match | E29: Matching Passwords |
| 30 | DifferentP@ss1 | Error: Passwords do not match | E30: Non-Matching Passwords |
| 31 | (Blank) | Error: Confirm Password is required | E31: Empty Confirm Password |
| 32 | 123456 | Successful registration | E32: Valid 6-digit OTP |
| 33 | 12345 | Error: Invalid OTP | E33: Invalid OTP (5 digits) |
| 34 | abc123 | Error: Invalid OTP | E34: Invalid OTP (Alphanumeric) |
| 35 | (Blank) | Error: OTP is required | E35: Empty OTP |

# URL: /Sign in/Sign up/Registration/Fundraiser

| Partition # | Description |
| --- | --- |
| E1 | Valid NGO Name |
| E2 | Empty NGO Name |
| E3 | Valid Email Format |
| E4 | Invalid Email Format |
| E5 | Empty Email |
| E6 | Valid Contact Number (10 digits) |
| E7 | Invalid Contact Number (Too Short) |
| E8 | Invalid Contact Number (Alphanumeric) |
| E9 | Empty Contact Number |
| E10 | Valid Fundraiser Title |
| E11 | Empty Title |
| E12 | Valid Types - Medical, Animal, Other |
| E13 | Invalid Type - Empty |
| E14 | Valid Description Filled |
| E15 | Valid Description  Blank |
| E16 | Valid Donation Amount (0-9999999) |
| E17 | Invalid Donation Amount- Empty |
| E18 | Valid City |
| E19 | Empty City |
| E20 | Valid State |
| E21 | Empty State |
| E22 | Valid 6-digit PIN |
| E23 | Invalid PIN (5 digits) |
| E24 | Invalid PIN (Alphanumeric) |
| E25 | Empty PIN |
| E26 | Valid Date Format |
| E27 | Invalid Date Format |
| E28 | Empty Date |
| E29 | Invalid Password (Too Short) 6-digit |
| E30 | Invalid Password (Too Long) 15-digit < |
| E31 | Valid Password 7 to 15 digit |
| E32 | Invalid Password (No Special Character) |
| E33 | Invalid Password (No Numeric Character) |
| E34 | Empty Password |
| E35 | Matching Passwords |
| E36 | Non-Matching Passwords |
| E37 | Empty Confirm Password |
| E38 | Valid 6-digit OTP |
| E39 | Invalid OTP (5 digits) |
| E40 | Invalid OTP (Alphanumeric) |
| E41 | Empty OTP |

| Test Case # | Input Data | Expected Outcome | Classes Covered |
| --- | --- | --- | --- |
| 1 | ABC NGo, user@example.com, 1234567890 | Successful registration | E1, E3, E6 |
| 2 | (Blank), invalid email, abc1234567 | Error: NGO Name is required, Error: Invalid email format, Error: Invalid contact number | E2, E4, E8 |
| 3 | Fundraiser Title 123, (Blank), Medical | Successful registration, Error: Title is required, Valid Types - Medical, Animal, Other | E10, E11, E12 |
| 4 | New York, California, 123456 | Successful registration, Error: City is required, Valid City | E18, E19, E20 |
| 5 | 50000, 20000000, (Blank) | Successful donation, Error: Invalid Donation Amount- Empty, Error: Donation amount is required | E16, E17, E17 |
| 6 | user@example.com, (Blank), New York | Successful registration, Error: Email is required, Error: State is required | E3, E5, E21 |
| 7 | (Blank), Medical, Invalid Date Format | Error: Type is required, Valid Types - Medical, Animal, Other, Error: Invalid Date Format | E13, E12, E27 |
| 8 | ABC NGO, (Blank), 12345 | Successful registration, Error: Title is required, Error: Invalid contact number | E1, E11, E7 |
| 9 | user@example.com, Medical, Empty City | Successful registration, Valid Types - Medical, Animal, Other, Error: City is required | E3, E12, E19 |
| 10 | ABC NGO, Medical, 123456 | Successful registration, Valid Types - Medical, Animal, Other, Valid 6-digit PIN | E1, E12, E22 |
| 11 | (Blank), (Blank), (Blank) | Error: NGO Name is required, Error: Title is required, Error: Contact number is required | E2, E11, E9 |
| 12 | invalid email, (Blank), Empty PIN | Error: Invalid email format, Error: Title is required, Error: PIN is required | E4, E11, E25 |
| 13 | (Blank), (Blank), 123456 | Error: NGO Name is required, Error: Title is required, Successful registration | E2, E11, E1 |
| 14 | user@example.com, (Blank), 2023/01/01 | Successful registration, Error: Title is required, Error: Invalid Date Format | E3, E11, E27 |
| 15 | (Blank), Medical, (Blank) | Error: Type is required, Valid Types - Medical, Animal, Other, Error: Date is required | E13, E12, E28 |
| 16 | 50000, (Blank), ABC NGO | Successful donation, Error: Donation amount is required, Successful registration | E16, E17, E1 |
| 17 | ABC NGO, user@example.com, (Blank) | Successful registration, Error: Email is required, Error: Contact number is required | E1, E5, E9 |
| 18 | (Blank), (Blank), (Blank) | Error: NGO Name is required, Error: Title is required, Error: Contact number is required | E2, E11, E9 |
| 19 | Fundraiser Title 123, Medical, (Blank) | Successful registration, Valid Types - Medical, Animal, Other, Error: City is required | E10, E12, E19 |
| 20 | New York, California, (Blank) | Successful registration, Error: City is required, Error: State is required | E18, E19, E21 |
| 21 | 50000, 20000000, (Blank) | Successful donation, Error: Invalid Donation Amount- Empty, Error: Donation amount is required | E16, E17, E17 |
| 22 | user@example.com, (Blank), New York | Successful registration, Error: Email is required, Error: State is required | E3, E5, E21 |
| 23 | (Blank), Medical, Invalid Date Format | Error: Type is required, Valid Types - Medical, Animal, Other, Error: Invalid Date Format | E13, E12, E27 |
| 24 | ABC NGO, (Blank), 12345 | Successful registration, Error: Title is required, Error: Invalid contact number | E1, E11, E7 |
| 25 | user@example.com, Medical, Empty City | Successful registration, Valid Types - |  |

# URL: /Sign in/Sign up/Registration/Organizer

| Partition # | Description |
| --- | --- |
| E1 | Valid NGO Name |
| E2 | Empty NGO Name |
| E3 | Valid Email Format |
| E4 | Invalid Email Format |
| E5 | Empty Email |
| E6 | Valid Contact Number (10 digits) |
| E7 | Invalid Contact Number (Too Short) |
| E8 | Invalid Contact Number (Alphanumeric) |
| E9 | Empty Contact Number |
| E10 | Invalid Password (Too Short) 6-digit |
| E11 | Invalid Password (Too Long) 15-digit < |
| E12 | Valid Password 7 to 15 digit |
| E13 | Invalid Password (No Special Character) |
| E14 | Invalid Password (No Numeric Character) |
| E15 | Empty Password |
| E16 | Matching Passwords |
| E17 | Non-Matching Passwords |
| E18 | Empty Confirm Password |
| E19 | Valid 6-digit OTP |
| E20 | Invalid OTP (5 digits) |
| E21 | Invalid OTP (Alphanumeric) |
| E22 | Empty OTP |

| Test Case # | Input Data | Expected Outcome | Classes Covered |
| --- | --- | --- | --- |
| 1 | ABC NGO, user@example.com, 1234567890 | Successful registration | E1, E3, E6 |
| 2 | (Blank), invalid email, abc1234567 | Error: NGO Name is required, Error: Invalid email format, Error: Invalid contact number | E2, E4, E8 |
| 3 | user@example.com, (Blank), New York | Successful registration, Error: Email is required, Error: State is required | E3, E5, E21 |
| 4 | ABC NGO, Medical, 123456 | Successful registration, Valid Types - Medical, Animal, Other, Valid 6-digit PIN | E1, E12, E22 |
| 5 | user@example.com, Medical, Empty City | Successful registration, Valid Types - Medical, Animal, Other, Error: City is required | E3, E12, E19 |
| 6 | ABC NGO, (Blank), 12345 | Successful registration, Error: Title is required, Error: Invalid contact number | E1, E11, E7 |
| 7 | user@example.com, Medical, Empty City | Successful registration, Valid Types - Medical, Animal, Other, Error: City is required | E3, E12, E19 |
| 8 | (Blank), (Blank), (Blank) | Error: NGO Name is required, Error: Title is required, Error: Contact number is required | E2, E11, E9 |
| 9 | Fundraiser Title 123, (Blank), Medical | Successful registration, Error: Title is required, Valid Types - Medical, Animal, Other | E10, E11, E12 |
| 10 | New York, California, (Blank) | Successful registration, Error: City is required, Error: State is required | E18, E19, E21 |
| 11 | 50000, 20000000, (Blank) | Successful donation, Error: Invalid Donation Amount- Empty, Error: Donation amount is required | E16, E17, E17 |
| 12 | user@example.com, (Blank), New York | Successful registration, Error: Email is required, Error: State is required | E3, E5, E21 |
| 13 | (Blank), Medical, Invalid Date Format | Error: Type is required, Valid Types - Medical, Animal, Other, Error: Invalid Date Format | E13, E12, E27 |
| 14 | ABC NGO, (Blank), 12345 | Successful registration, Error: Title is required, Error: Invalid contact number | E1, E11, E7 |
| 15 | user@example.com, Medical, Empty City | Successful registration, Valid Types - Medical, Animal, Other, Error: City is required | E3, E12, E19 |
| 16 | ABC NGO, user@example.com, 1234567890 | Successful registration | E1, E3, E6 |
| 17 | (Blank), invalid email, abc1234567 | Error: NGO Name is required, Error: Invalid email format, Error: Invalid contact number | E2, E4, E8 |
| 18 | Fundraiser Title 123, (Blank), Medical | Successful registration, Error: Title is required, Valid Types - Medical, Animal, Other | E10, E11, E12 |
| 19 | New York, California, (Blank) | Successful registration, Error: City is required, Error: State is required | E18, E19, E21 |
| 20 | 50000, 20000000, (Blank) | Successful donation, Error: Invalid Donation Amount- Empty, Error: Donation amount is required | E16, E17, E17 |
| 21 | user@example.com, (Blank), New York | Successful registration, Error: Email is required, Error: State is required | E3, E5, E21 |
| 22 | (Blank), Medical, Invalid Date Format | Error: Type is required, Valid Types - Medical, Animal, Other, Error: Invalid Date Format | E13, E12, E27 |
| 23 | ABC NGO, (Blank), 12345 | Successful registration, Error: Title is required, Error: Invalid contact number | E1, E11, E7 |
| 24 | user@example.com, Medical, Empty City | Successful registration, Valid Types - Medical, Animal, Other, Error: City is required | E3, E12, E19 |
| 25 | ABC NGO, user@example.com, 1234567890 | Successful registration | E1, E3, E6 |
| 26 | (Blank), invalid email, abc1234567 | Error: NGO Name is required, Error: Invalid email format, Error: Invalid contact number | E2, E4, E8 |
| 27 | Fundraiser Title 123, (Blank), Medical | Successful registration, Error: Title is required, Valid Types - Medical, Animal, Other | E10, E11, E12 |
| 28 | New York, California, (Blank) | Successful registration, Error: City is required, Error: State is required | E18, E19, E21 |
| 29 | 50000, 20000000, (Blank) | Successful donation, Error: Invalid Donation Amount- Empty, Error: Donation amount is required | E16, E17, E17 |
| 30 | user@example.com, (Blank), New York | Successful registration, Error: Email is required, Error: State is required | E3, E5, E21 |

# 

# URL: /NGO explore/NGO1/Donation details

| Partition # | Description | Input Data |
| --- | --- | --- |
| E1 | Valid Name | John Doe |
| E2 | Name with Special Characters | John-Doe |
| E3 | Name with Numbers | John123 |
| E4 | Empty Name | (Blank) |
| E5 | Valid Email | user@example.com |
| E6 | Invalid Email Format | invalid.email |
| E7 | Email with Special Characters | user.email@example.com |
| E8 | Empty Email | (Blank) |
| E9 | Valid Phone Number | 1234567890 |
| E10 | Phone Number with Alphanumeric Characters | 123abc4567 |
| E11 | Phone Number with Special Characters | 123-456-7890 |
| E12 | Empty Phone Number | (Blank) |
| E13 | Valid Donation Amount | $50 |
| E14 | Negative Donation Amount | -$50 |
| E15 | Invalid Characters in Amount | $50abc |
| E16 | Empty Donation Amount | (Blank) |

| Test Case # | Name | Email | Phone Number | Donation Amount | Expected Outcome | Classes Covered |
| --- | --- | --- | --- | --- | --- | --- |
| 1 | John Doe | user@example.com | 1234567890 | $50 | Successful registration | E1, E5, E9, E13 |
| 2 | John-Doe | invalid.email | 123abc4567 | -$50 | Error: Invalid email format, Error: Negative Donation Amount | E2, E6, E10, E14 |
| 3 | Mary\_Smith | user.email@example.com | 123-456-7890 | $5000.50 | Successful registration | E2, E7, E11, E13 |
| 4 | (Blank) | (Blank) | (Blank) | (Blank) | Error: Name is required, Error: Email is required, Error: Phone Number is required, Error: Donation amount is required | E4, E8, E12, E16 |
| 5 | John123 | (Blank) | 5555555555 | 10$00 | Error: Invalid email format, Error: Email is required, Successful donation | E3, E5, E9, E15 |
| 6 | (Blank) | user@example.com | +1 (555) 555-5555 | (Blank) | Error: Name is required, Successful registration, Error: Donation amount is required | E4, E5, E12, E16 |
| 7 | John Doe | (Blank) | 12345678901234567890 | $50 | Error: Email is required, Error: Phone Number is too long, Successful donation | E1, E5, E10, E13 |
| 8 | John123 | user.email@example.com | (Blank) | $5000.50 | Successful registration, Error: Phone Number is required | E3, E7, E12, E13 |
| 9 | John-Doe | invalid.email | +1 555-5a5-5555 | (Blank) | Error: Invalid email format, Error: Phone Number with alphanumeric characters, Error: Phone Number is required | E2, E4, E10, E12 |
| 10 | (Blank) | user.email@example.com | 123456 | (Blank) | Error: Name is required, Successful registration, Error: Phone Number is too short | E4, E5, E7, E12 |
| 11 | John123 | invalid.email | (Blank) | $5000.50 | Error: Invalid email format, Error: Email is required, Error: Phone Number is required | E3, E6, E12, E15 |
| 12 | (Blank) | (Blank) | 1234567890 | $50abc | Error: Name is required, Error: Email is required, Error: Invalid characters in Donation Amount | E4, E8, E9, E15 |
| 13 | John Doe | (Blank) | 123-456-7890 | -$50 | Successful registration, Error: Phone Number with special characters, Error: Negative Donation Amount | E1, E11, E11, E14 |
| 14 | John-Doe | (Blank) | (Blank) | $50 | Error: Name is required, Successful registration, Error: Phone Number is required | E2, E4, E12, E13 |
| 15 | Mary\_Smith | user.email@example.com | 1234567890 | (Blank) | Successful registration, Error: Donation amount is required | E2, E7, E9, E16 |

# 

# URL: /NGO explore/NGO1/Donation details/donation pay method/UPI pay

| Partition # | Description |
| --- | --- |
| E1 | Valid Full Name |
| E2 | Full Name with Special Characters |
| E3 | Full Name with Numbers |
| E4 | Empty Full Name |
| E5 | Valid Email |
| E6 | Invalid Email Format |
| E7 | Email with Special Characters |
| E8 | Empty Email |
| E9 | Valid UPI ID |
| E10 | UPI ID with Special Characters |
| E11 | UPI ID with Numbers |
| E12 | Empty UPI ID |
| E13 | Valid Donation Amount |
| E14 | Negative Donation Amount |
| E15 | Invalid Characters in Amount |
| E16 | Empty Donation Amount |

| Test Case # | Full Name | Email | UPI ID | Donation Amount | Expected Outcome | Classes Covered |
| --- | --- | --- | --- | --- | --- | --- |
| 1 | John Doe | user@example.com | john.doe@upi | $50 | Successful donation | E1, E5, E9, E13 |
| 2 | Mary-Smith | invalid.email | alice-smith@upi | -$50 | Error: Invalid email format, Error: Negative Donation Amount | E2, E6, E10, E14 |
| 3 | Alice123 | user.email@example.com | bob123@upi | $5000.50 | Successful registration | E3, E7, E11, E13 |
| 4 | (Blank) | (Blank) | (Blank) | (Blank) | Error: Full Name is required, Error: Email is required, Error: UPI ID is required, Error: Donation amount is required | E4, E8, E12, E16 |
| 5 | Bob Smith | user@example.com | alice-smith@upi | $10$00 | Successful donation | E1, E5, E10, E15 |
| 6 | (Blank) | user.email@example.com | (Blank) | $5000.50 | Error: Full Name is required, Successful registration, Error: UPI ID is required | E4, E5, E12, E13 |
| 7 | Carol123 | (Blank) | bob123@upi | $50 | Error: Email is required, Error: Full Name is too short, Successful donation | E3, E8, E11, E13 |
| 8 | Dave-Smith | user.email@example.com | (Blank) | -$50 | Successful registration, Error: UPI ID is required, Error: Negative Donation Amount | E2, E7, E12, E14 |
| 9 | Eve! | invalid.email | eve!@upi | $5000.50 | Error: Invalid email format, Error: Email with special characters, Successful registration | E2, E6, E7, E13 |
| 10 | (Blank) | user.email@example.com | (Blank) | $50 | Error: Full Name is required, Successful registration, Error: UPI ID is required | E4, E5, E12, E13 |
| 11 | Frank123 | invalid.email | (Blank) | $5000.50 | Error: Invalid email format, Error: Email is required, Error: UPI ID is required | E3, E6, E12, E11 |
| 12 | (Blank) | (Blank) | bob123@upi | $50abc | Error: Full Name is required, Error: Email is required, Error: Invalid characters in Donation Amount | E4, E8, E9, E15 |
| 13 | Grace Doe | (Blank) | (Blank) | -$50 | Error: Email is required, Error: Full Name is required, Error: Negative Donation Amount | E1, E4, E8, E14 |
| 14 | (Blank) | user.email@example.com | (Blank) | $50 | Error: Full Name is required, Successful registration, Error: UPI ID is required | E4, E5, E12, E13 |
| 15 | Harry-Smith | user@example.com | bob123@upi | (Blank) | Successful donation, Error: UPI ID is required | E1, E5, E11, E16 |

| Test Case | Field | Input Data | Expected Outcome | Classes Covered |
| --- | --- | --- | --- | --- |
| 1 | Full Name | John Doe | Successful submission | E1 |
| 2 | Full Name | Mary-Smith | Successful submission | E2 |
| 3 | Full Name | Alice123 | Successful submission | E3 |
| 4 | Full Name | (Blank) | Error: Full Name is required | E4 |
| 5 | Email | user@example.com | Successful submission | E5 |
| 6 | Email | invalid.email | Error: Invalid email format | E6 |
| 7 | Email | user.email@example.com | Successful submission | E7 |
| 8 | Email | (Blank) | Error: Email is required | E8 |
| 9 | Address | 123 Main Street | Successful submission | E9 |
| 10 | Address | Apt. 5B | Successful submission | E10 |
| 11 | Address | 4567 Elm Avenue | Successful submission | E11 |
| 12 | Address | (Blank) | Error: Address is required | E12 |
| 13 | City | New York | Successful submission | E13 |
| 14 | City | Los Angeles | Successful submission | E14 |
| 15 | City | San Francisco | Successful submission | E15 |
| 16 | City | (Blank) | Error: City is required | E16 |
| 17 | State | California | Successful submission | E17 |
| 18 | State | New Jersey | Successful submission | E18 |
| 19 | State | Arizona | Successful submission | E19 |
| 20 | State | (Blank) | Error: State is required | E20 |
| 21 | Zip Code | 12345 | Successful submission | E21 |
| 22 | Zip Code | 1234 | Error: Invalid Zip Code (Too Short) | E22 |
| 23 | Zip Code | ABC123 | Error: Invalid Zip Code (Alphanumeric) | E23 |
| 24 | Zip Code | (Blank) | Error: Zip Code is required | E24 |
| 25 | Card Holder Name | John Doe | Successful submission | E25 |
| 26 | Card Holder Name | Mary-Smith | Successful submission | E26 |
| 27 | Card Holder Name | Alice123 | Successful submission | E27 |
| 28 | Card Holder Name | (Blank) | Error: Card Holder Name is required | E28 |
| 29 | Card Number | 1234 5678 9012 3456 | Successful submission | E29 |
| 30 | Card Number | 123456789012 | Error: Invalid Card Number (Too Short) | E30 |
| 31 | Card Number | ABC4567890123456 | Error: Invalid Card Number (Alphanumeric) | E31 |
| 32 | Card Number | (Blank) | Error: Card Number is required | E32 |
| 33 | Expiry Month/Year | 12/24 | Successful submission | E33 |
| 34 | Expiry Month/Year | 06/21 | Error: Invalid Expiry Month/Year (Past Date) | E34 |
| 35 | Expiry Month/Year | Dec/2023 | Error: Invalid Expiry Month/Year (Alphabetic) | E35 |
| 36 | Expiry Month/Year | (Blank) | Error: Expiry Month/Year is required | E36 |
| 37 | CVV | 123 | Successful submission | E37 |
| 38 | CVV | 12 | Error: Invalid CVV (Too Short) | E38 |
| 39 | CVV | ABC | Error: Invalid CVV (Alphabetic) | E39 |
| 40 | CVV | (Blank) | Error: CVV is required | E40 |

# URL: /NGO explore/NGO1/Donation details/donation pay method/card pay

| Partition # | Field | Description |
| --- | --- | --- |
| E1 | Full Name | Valid Full Name |
| E2 | Full Name | Full Name with Special Characters |
| E3 | Full Name | Full Name with Numbers |
| E4 | Full Name | Empty Full Name |
| E5 | Email | Valid Email |
| E6 | Email | Invalid Email Format |
| E7 | Email | Email with Special Characters |
| E8 | Email | Empty Email |
| E9 | Address | Valid Address |
| E10 | Address | Address with Special Characters |
| E11 | Address | Address with Numbers |
| E12 | Address | Empty Address |
| E13 | City | Valid City |
| E14 | City | City with Special Characters |
| E15 | City | City with Numbers |
| E16 | City | Empty City |
| E17 | State | Valid State |
| E18 | State | State with Special Characters |
| E19 | State | State with Numbers |
| E20 | State | Empty State |
| E21 | Zip Code | Valid Zip Code |
| E22 | Zip Code | Invalid Zip Code (Too Short) |
| E23 | Zip Code | Invalid Zip Code (Alphanumeric) |
| E24 | Zip Code | Empty Zip Code |
| E25 | Card Holder Name | Valid Card Holder Name |
| E26 | Card Holder Name | Card Holder Name with Special Characters |
| E27 | Card Holder Name | Card Holder Name with Numbers |
| E28 | Card Holder Name | Empty Card Holder Name |
| E29 | Card Number | Valid Card Number |
| E30 | Card Number | Invalid Card Number (Too Short) |
| E31 | Card Number | Invalid Card Number (Alphanumeric) |
| E32 | Card Number | Empty Card Number |
| E33 | Expiry Month/Year | Valid Expiry Month/Year |
| E34 | Expiry Month/Year | Invalid Expiry Month/Year (Past Date) |
| E35 | Expiry Month/Year | Invalid Expiry Month/Year (Alphabetic) |
| E36 | Expiry Month/Year | Empty Expiry Month/Year |
| E37 | CVV | Valid CVV |
| E38 | CVV | Invalid CVV (Too Short) |
| E39 | CVV | Invalid CVV (Alphabetic) |
| E40 | CVV | Empty CVV |

# URL: /Donation details for records

| Partition # | Description |
| --- | --- |
| E1 | Valid Email Format |
| E2 | Invalid Email Format |
| E3 | Empty Email |
| E5 | Valid OTP |
| E6 | Invalid OTP Format |
| E7 | OTP with Special Characters |
| E8 | Empty OTP |

| Test Case | Email | OTP | Expected Outcome | Classes Covered |
| --- | --- | --- | --- | --- |
| 1 | user@example.com | 123456 | Successful login | E1, E5 |
| 2 | invalid.email | abc123 | Error: Invalid email format, Error: Invalid OTP Format | E2, E6 |
| 3 | user.email@example.com | 12@3#6 | Error: Email with Special Characters, Error: OTP with Special Characters | E3, E7 |
| 4 | (Blank) | (Blank) | Error: Email is required, Error: OTP is required | E4, E8 |
| 5 | user@example.com | abc123 | Error: Invalid OTP Format, Error: Invalid email format | E1, E6 |
| 6 | (Blank) | 123456 | Error: Email is required, Successful login | E4, E5 |
| 7 | invalid.email | (Blank) | Error: Invalid email format, Error: OTP is required | E2, E8 |
| 8 | user.email@example.com | 123456 | Successful login | E3, E5 |
| 9 | user@example.com | (Blank) | Error: OTP is required | E1, E8 |
| 10 | (Blank) | abc123 | Error: Email is required, Error: Invalid OTP Format | E4, E6 |
| 11 | invalid.email | 12@3#6 | Error: Invalid email format, Error: OTP with Special Characters | E2, E7 |
| 12 | (Blank) | (Blank) | Error: Email is required, Error: OTP is required | E4, E8 |
| 13 | user@example.com | abc123 | Error: Invalid OTP Format, Error: Invalid email format | E1, E6 |
| 14 | (Blank) | 123456 | Error: Email is required, Successful login | E4, E5 |
| 15 | invalid.email | (Blank) | Error: Invalid email format, Error: OTP is required | E2, E8 |

# URL: /NGO profile/Create\_campaign

| Partition # | Input field | Description |
| --- | --- | --- |
| E1 | Title | Title must be mentioned |
| E2 | Title | Left Empty |
| E3 | Vision | Vision must be mentioned |
| E4 | Vision | Vision left empty |

# 

| Test cases | Title | Images | Description | vision | outcome | Classes covered |
| --- | --- | --- | --- | --- | --- | --- |
| 1 | Ruchi | No | Empowering communities through compassion, education, and sustainable development initiatives globally. | Empowerment | valid | E1 E3 |
| 2 | NBS | Yes | Empowering communities through compassion, education, and sustainable development initiatives globally. | - | Invalid | E1 E4 |
| 3 | - | No | - | - | Invalid | E2 E4 |
| 4 | Youth | Yes | Empowering communities through compassion, education, and sustainable development initiatives globally. | Celebrating life | Valid | E1 E3 |

# 

# URL: /Fundraiser/Profile

| Partition # | Description |
| --- | --- |
| E1 | Input Text |
| E2 | Input Image |

| Test Case # | Text | Image | Expected Outcome | Classes Covered |
| --- | --- | --- | --- | --- |
| 1 | Valid | Valid | Successful | E1: Valid Text  E2: Invalid image |
| 2 | Valid | Invalid | Error: Invalid image | E1: Valid Text  E2: Invalid image |
| 3 | None | Valid | Error: Invalid Text | E1: Valid Text  E2: Invalid image |
| 4 | None | None | Error: Invalid Text and IMage | E1: Valid Text  E2: Invalid image |

# URL: /NGO/Profile

| Partition # | Description |
| --- | --- |
| E1 | Input Text |
| E2 | Input Image |

| Test Case # | Text | Image | Expected Outcome | Classes Covered |
| --- | --- | --- | --- | --- |
| 1 | Valid | Valid | Successful | E1: Valid Text  E2: Invalid image |
| 2 | Valid | Invalid | Error: Invalid image | E1: Valid Text  E2: Invalid image |
| 3 | None | Valid | Error: Invalid Text | E1: Valid Text  E2: Invalid image |
| 4 | None | None | Error: Invalid Text and IMage | E1: Valid Text  E2: Invalid image |

# 

# URL: /Organizer/Profile

| Partition # | Description |
| --- | --- |
| E1 | Input Text |
| E2 | Input Image |

| Test Case # | Text | Image | Expected Outcome | Classes Covered |
| --- | --- | --- | --- | --- |
| 1 | Valid | Valid | Successful | E1: Valid Text  E2: Invalid image |
| 2 | Valid | Invalid | Error: Invalid image | E1: Valid Text  E2: Invalid image |
| 3 | None | Valid | Error: Invalid Text | E1: Valid Text  E2: Invalid image |
| 4 | None | None | Error: Invalid Text and IMage | E1: Valid Text  E2: Invalid image |