System Testing

Black Box Testing

1. **Sign Up:**
- **Equivalence Class Partitioning**

Equivalence Class	User Name	Password	Confirm Password	Expected Output
E1	Valid	Valid	Valid	Redirect to Login Page
E2	Valid	Valid	Invalid	Invalid
E3	Valid	Invalid	Valid	Invalid
E4	Valid	Invalid	Invalid	Invalid
E5	Invalid	Valid	Valid	Invalid
E6	Invalid	Valid	Invalid	Invalid
E7	Invalid	Invalid	Valid	Invalid
E8	Invalid	Invalid	Invalid	Invalid

Invalid Input Field	Showing Error
Username	Please enter user name, user name is invalid

Password	Please Select The Password Field If Password is Less than 8 Character then show error that Please enter at least 8 character password.
Confirm Password	Please re-enter your password if Confirm password is not matching with password, Confirm Password is not matching

● **Test Cases:**

Test Case	User Name	Password	Confirm Password	Expected Output
1	estuser1@gmail.com	User12345	User12345	Redirect to Preference Page
2	abc@gmail.com	123@4567	123@4567	Redirect to Preference Page
3	param@gmail.com	par@12err	par@12err	Redirect to Preference Page
4	fenil492@gmail.com	12367@pra	12367@pra	Redirect to Preference Page
5	testusr@yaho.com	par453fg	par453fg	Invalid Username
6	sahilyahoo.com	sahil%3231	sahil%3231	Invalid Username
7	tirthmail.com	tnp$rwegtv	tnp$rwegtv	Invalid Username
8	abcyaho.com	fgtqr1234	fgtqr1234	Invalid Username
9	Neha@gmail.com	neha&214	neha&214	Invalid Username
10	empty	empty	empty	User Field, Password Field and confirm Password Field are empty.
11	fter@gmail.com	empty	empty	Password Field is empty
12	xyz@gmail.com	empty	ghkr#231	Password Field is empty
13	Yukta34@gmail.com	Yutsrt#1111	empty	Confirm Password Field is empty
14	empty	htre@985421	empty	username and confirm password field are empty
15	empty	Dpte%we#130	Dpte%we#130	Username Field is empty
16	ajayaho.com	aj@23456	aj@23456	Invalid Username(Doesn't include @)
17	aajax.com	123456789	123456789	Invalid Username(Doesn't include @)

18	amitgmail.com	amit@123	amit@123	Invalid Username(Doesn't include @)
19	nakul44gmail.com	naku@13456	naku@13456	Invalid Username(Doesn't include @)
20	ami ray@gmail.com	ami&2952	ami&2952	Invalid Username(shouldn't include space(''))
21	Anil @gmail.com	anilef53e2	anilef53e2	Invalid Username(shouldn't include space(''))
22	Gagan34@gmail.com	gagan88880	gagan88880	Invalid Username(shouldn't include space(''))
23	tina@gmail.com	tina@wq%130	tina@wq%130	Invalid Username(shouldn't include space(''))
24	tina@gmail.com	tina@1	tina@1	Password Length < 8
25	tina@gmail.com	tina@	tina@	Password Length < 8
26	tina@gmail.com	tina@12	tina@12	Password Length < 8
27	mina@gmail.com	mina@12	mina@12	Password Length < 8
28	neha@gmail.com	tin	tin	Password Length < 8
29	yash@gmail.com	yash@1345	yash @1345	Confirm Password is not matching
30	yash@gmail.com	yash@1345	Yash@1345	Confirm Password is not matching
31	yash@gmail.com	yash@1345	Yash@1325	Confirm Password is not matching
32	yash@gmail.com	yash@1345	yash@!345	Confirm Password is not matching
33	yash@gmail.com	yash@1345	yash12345	Confirm Password is not matching
34	yash@gmail.com	yash@1345	yash%1345	Confirm Password is not matching
35	yash@gmail.com	yash@1345	yash*1345	Confirm Password is not matching
36	Aman	Amanaa333	Amanaa333	Invalid Username
37	Kartik	Kartik52121	Kartik52121	Invalid Username
38	Anish	anish&Yerg1	anish&Yerg1	Invalid Username
39	Priyanka	priya!#2679	priya!#2679	Invalid Username
40	Tilak43@gmail.com	Tilak#4213	Tilak #4213	Confirm Password is not matching

Results of Some Test Case:
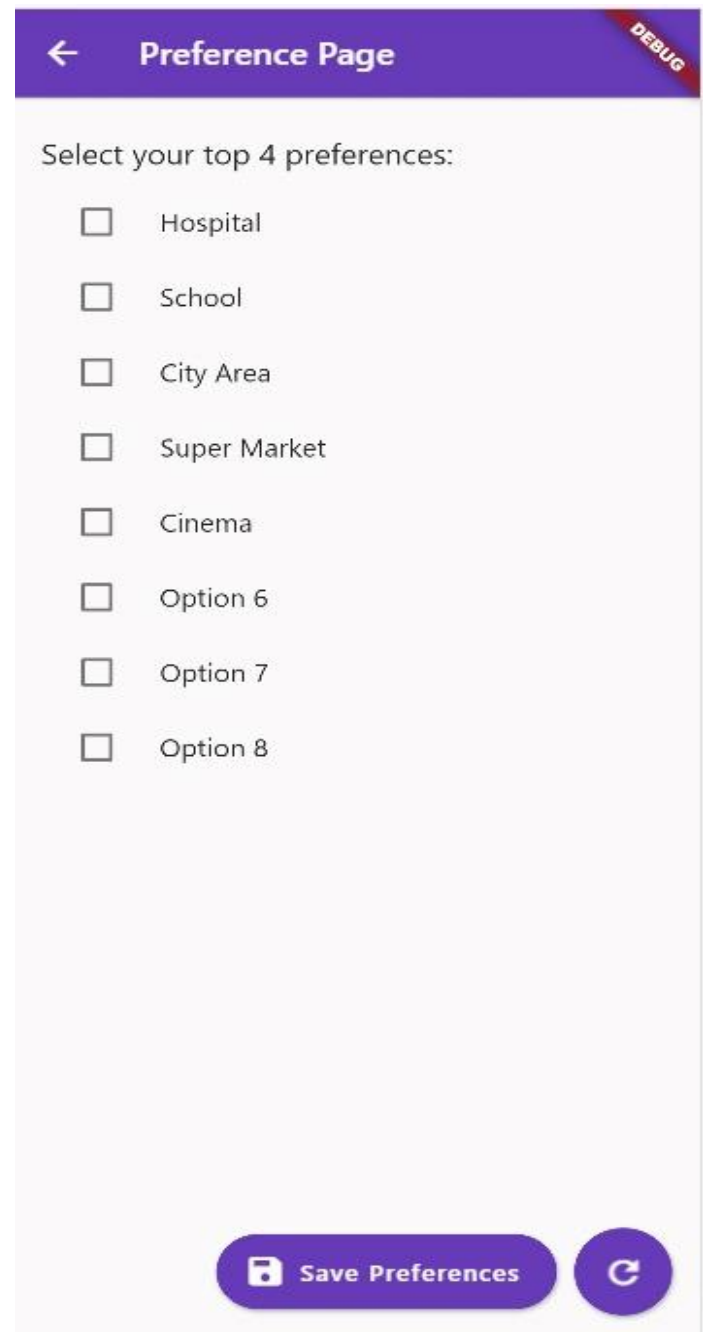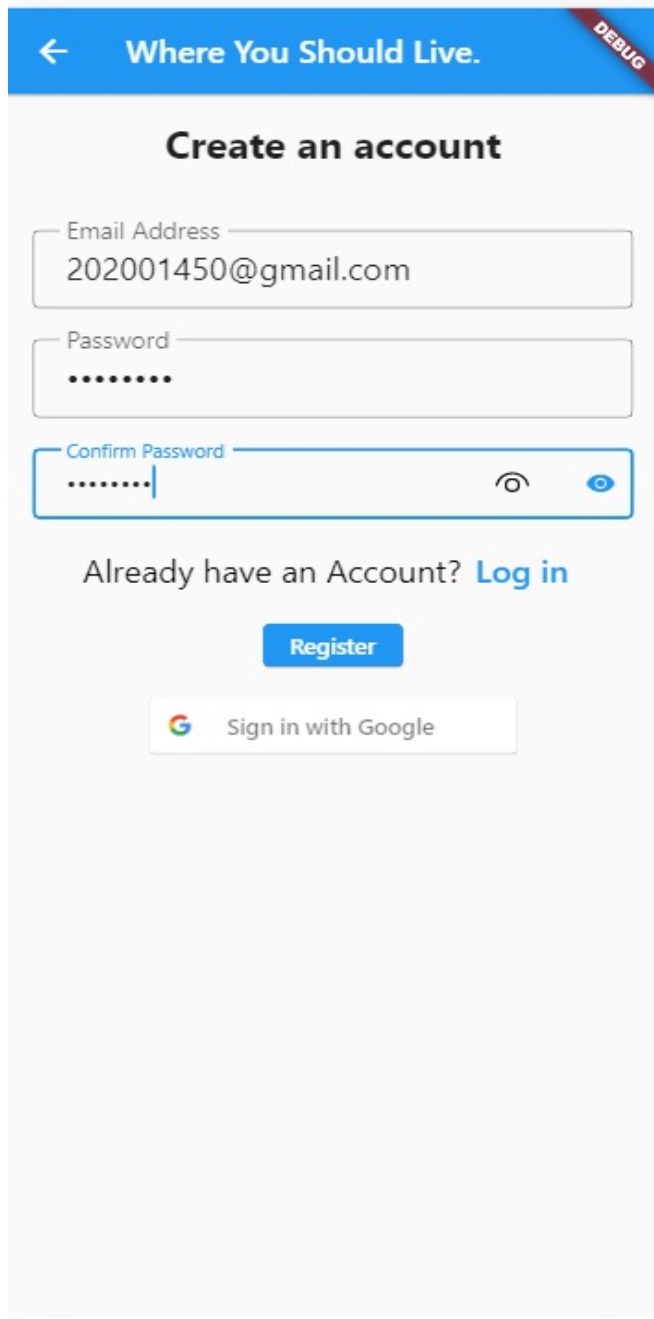
Test Case 1: (pass)
Email Address: 202001450@gmail.com
Password: fntp@2952
Confirm Password: fntp@2952
Expected Output: Redirect to Preference Page
Actual Output: Redirect to Preference Page
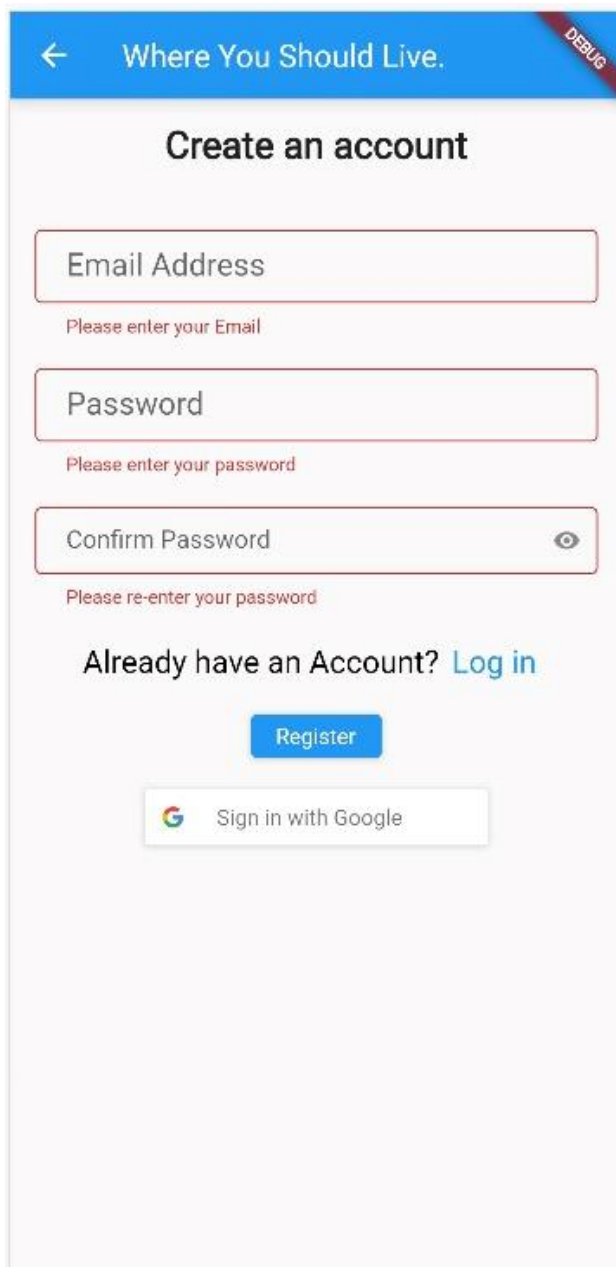

Test Case 1 Output

Test Case 2: (pass)
Email Address: empty
Password: empty
Confirm Password: empty
Expected Output: Error message: please enter your email and password
Actual Output: Error message: please enter your email and password

Test Case 3: (pass)
Email Address: 202001450@gmail.com
Password: empty
Confirm Password: empty
Expected Output: Error message: please enter your password
Actual Output: Error message: please enter your password

Test Case 2 Output

Test Case 3 Output

Test Case 4: (pass)
Email Address: 202001450
Password: fntp@2952
Confirm Password: fntp@2952
Expected Output: Error message: please enter valid email address
Actual Output: Error message: please enter valid email address

Test Case 5: (pass)
Email Address: 202001450@gm ail.com
Password: fntp@2952
Confirm Password: fntp@2952
Expected Output: Email should not contain space
Actual Output: Error message: Email should not contain space

Test Case 4 Output   **Test Case 5 Output**

Test Case 6: (pass)
Email Address: 202001450@gmail.com
Password: fntp@2952
Confirm Password: empty
Expected Output: Error message: Please re-enter your password match
Actual Output: Error message: Please re-enter your password match

Test Case 7: (pass)
Email Address: 202001450@gmail.com
Password: fntp@2952
Confirm Password: fntp@2952
Expected Output: Error message: Password must be at least 8 characters long
Actual Output: Error message: Password must be at least 8 characters long

Test Case 6 Output   **Test Case 7 Output**
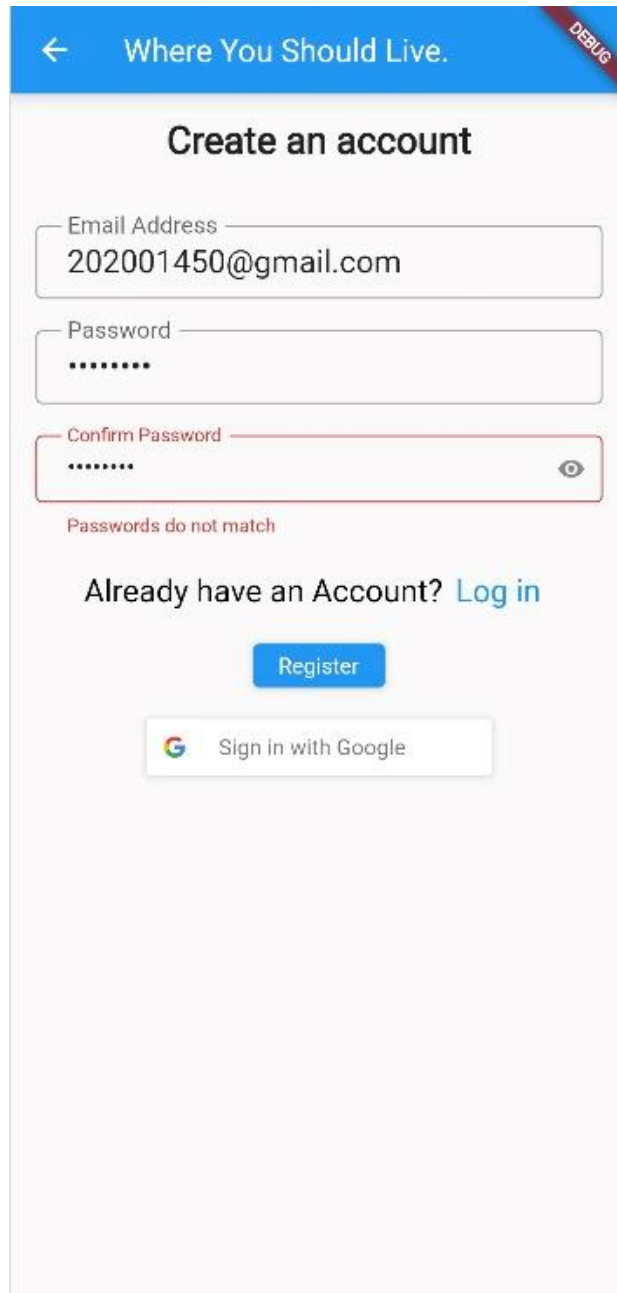
Test Case 8: (pass)
Email Address: 202001450@gmail.com
Password: fntp@2952
Confirm Password: fntp@29
Expected Output: Error message: Passwords don't match
Actual Output: Error message: Passwords don't match
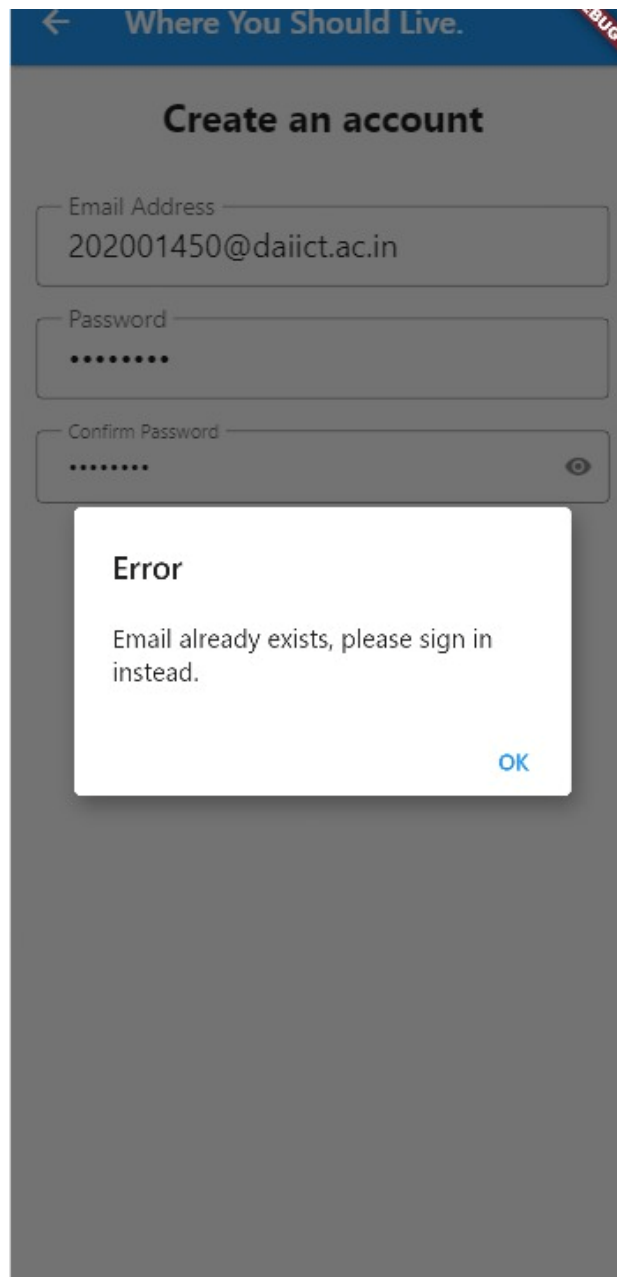

Test Case 8 Output

Test Case 9: (pass)
Email Address: 202001450@gmail.com
Password: fntp@2952
Confirm Password: fntp@2952
Expected Output: Error message: Email already exists, please sign in instead
Actual Output: Error message: Email already exists, please sign in instead

Test Case 9 Output

2. Log In:

● **Equivalence Class Partitioning:**

Equivalence Class	Email	Password	Expected Output
E1	Valid	Valid	Redirect To Home Page
E2	Valid	Invalid	Invalid
E3	Invalid	Valid	Invalid
E4	Invalid	Invalid	Invalid

Invalid Input Field	Showing Error
Email Address	Please enter user name, user name is invalid
Password	Please Select the Password Field If Password is Less than 8 Character then show error that Please enter at least 8 character password.

● **Test Cases:**

Test Case	User Name	Password	Expected Output
1	estuser1@gmail.com	User12345	Redirect to Home Page
2	abc@gmail.com	123@4567	Redirect to Home Page
3	param@gmail.com	par@12err	Redirect to Home Page
4	fenil492@gmail.com	12367@pra	Redirect to Home Page
5	testusr@yaho.com	par453fg	Invalid Username
6	sahilyahoo.com	sahil%3231	Invalid Username
7	tirthmail.com	tnp$rwegtv	Invalid Username
8	abcyaho.com	fgtqr1234	Invalid Username
9	Neha@gmail.com	neha&214	Invalid Username

Test Case	User Name	Password	Expected Output
10	empty	empty	User Field, Password Field and confirm Password Field are empty.
11	fter@gmail.com	empty	Password Field is empty
12	xyz@gmail.com	empty	Password Field is empty
13	empty	htre@985421	username and confirm password field are empty
14	empty	Dpte%we#130	Username Field is empty
15	ajayaho.com	aj@23456	Invalid Username(Doesn't include @)
16	aajax.com	123456789	Invalid Username(Doesn't include @)
17	amitgmail.com/	amit@123	Invalid Username(Doesn't include @)
18	nakul44gmail.com	baku@13456	Invalid Username(Doesn't include @)
19	ami ray@gmail.com	ami&2952	Invalid Username(shouldn't include space(''))
20	Anil @gmail.com	anilef53e2	Invalid Username(shouldn't include space(''))
21	Gagan34@gmail.com	gagan88880	Invalid Username(shouldn't include space(''))
22	tina @gmail.com	tina@wq%130	Invalid Username(shouldn't include space(''))
23	tina@gmail.com	tina@1	Password Length < 8
24	tina@gmail.com	tina@	Password Length < 8
25	tina@gmail.com	tina@12	Password Length < 8
26	mina@gmail.com	mina@12	Password Length < 8
27	tina@gmail.com	tin	Password Length < 8
28	Aman	Amanaa333	Invalid Username
29	Kartik	Kartik52121	Invalid Username
30	Anish	anish&Yerg1	Invalid Username
31	Priyanka	priya!#2679	Invalid Username
32	tilak43@gmail.com	Tilak#4213	Not Registered user
33	nimesh61@gmail.com	Nimesh^124	Not Registered user

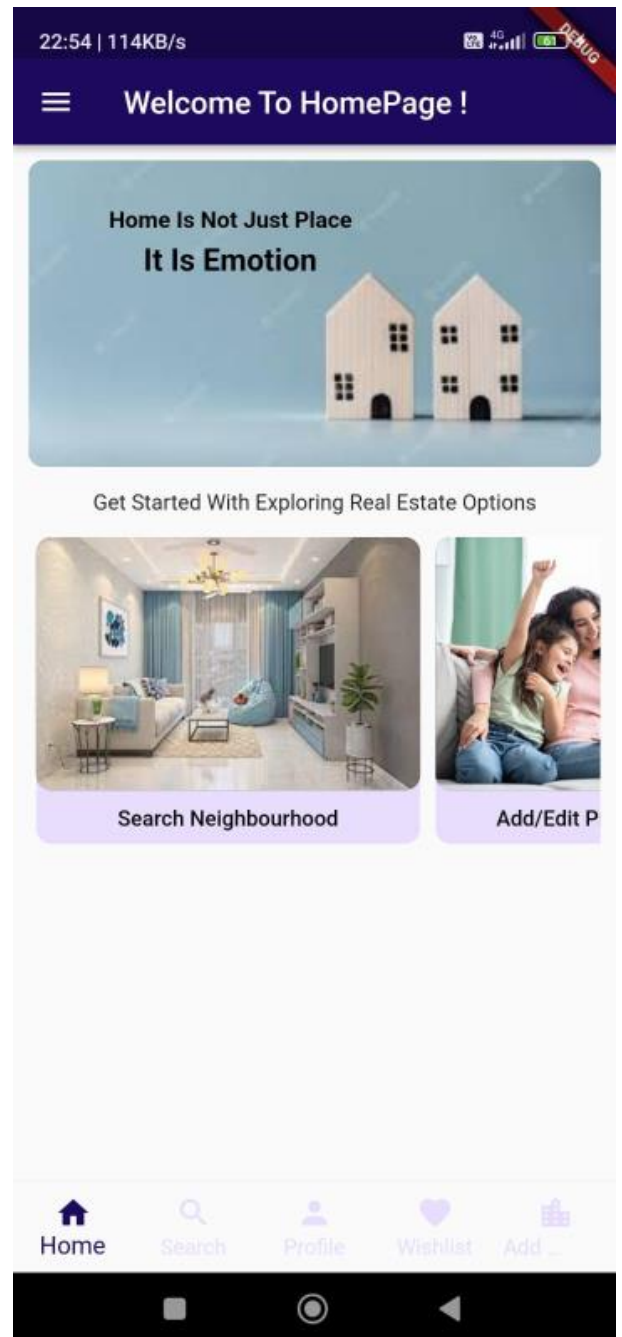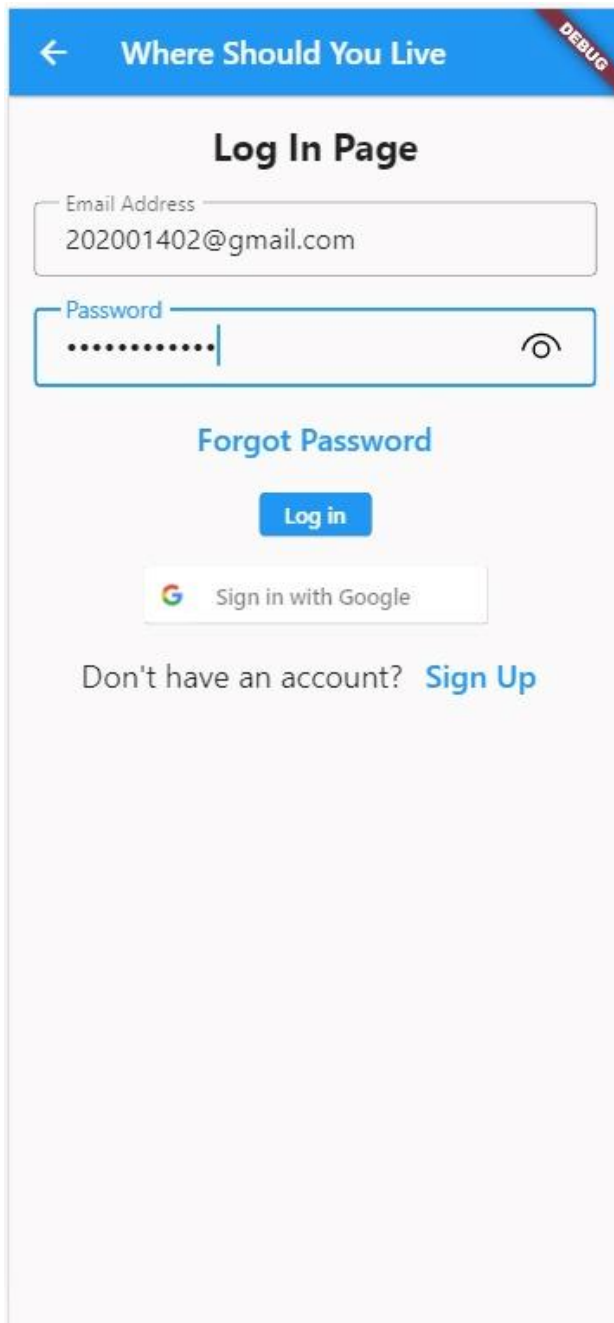| Test Case	User Name	Password	Expected Output
34	mahesh111@gmail.com	Mahi%212123	Not Registered user
35	prakash932@gmail.com	prak@54322	Not Registered user

Results of Some Test Case:

Test Case 1: (pass)
Email Address: 202001450@gmail.com
Password: fntp@2952
Expected Output: Redirect to Home Page
Actual Output: Redirect to Home Page

Test Case 1 Output

Test Case 2: (pass)
Email Address: empty
Password: empty
Confirm Password: empty
Expected Output: Error message: Please enter your Email and password
Actual Output: Error message: Please enter your Email and password
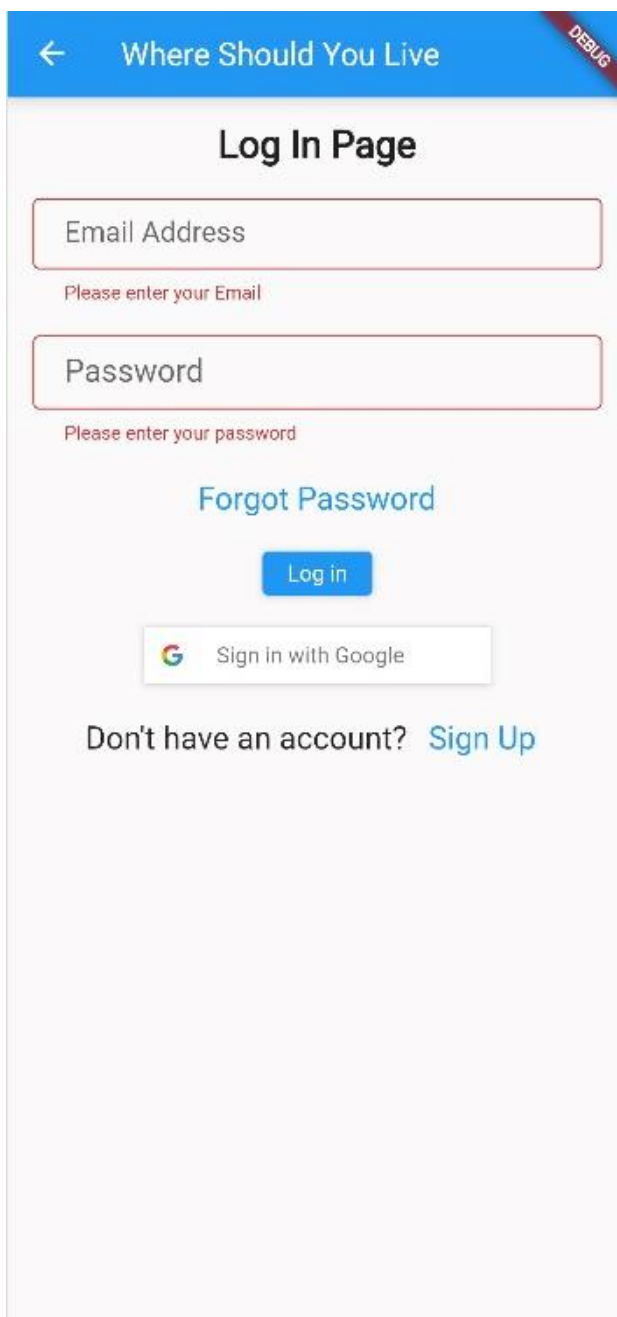
Test Case 3: (pass)
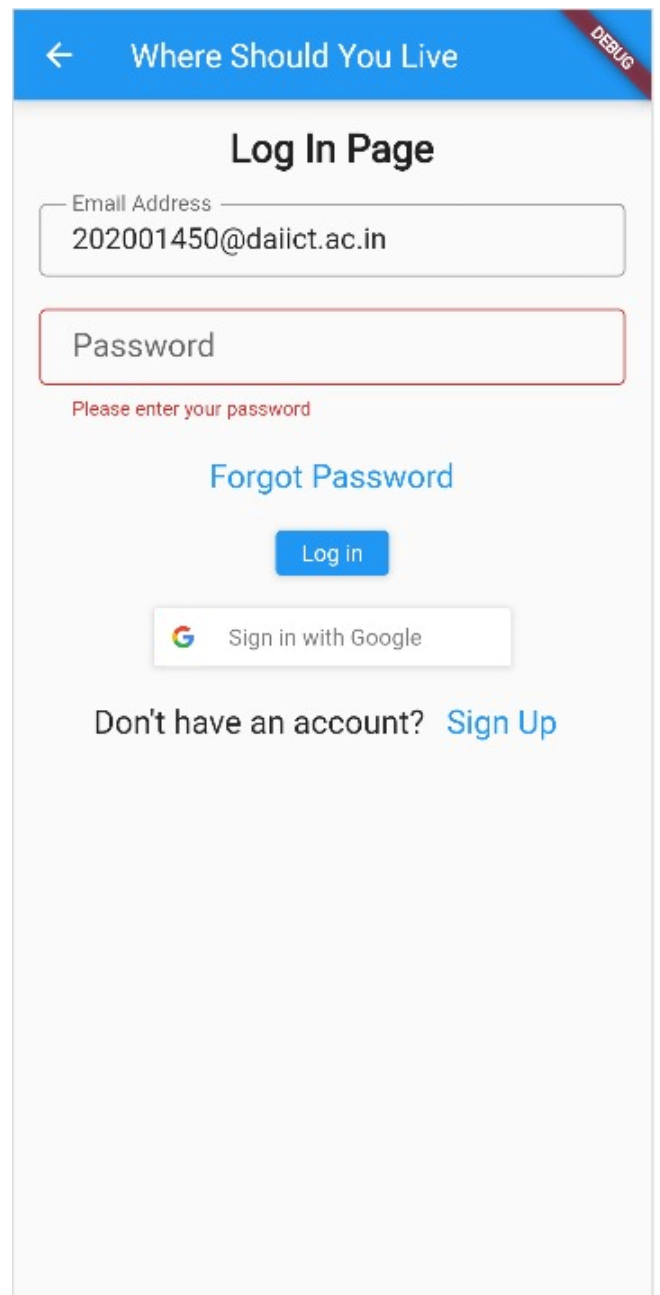**Email Address:** 202001450@gmail.com
Password: empty
Expected Output: Error message: Please enter your password
Actual Output: Error message: Please enter your password

Test Case 2 Output   **Test Case 3 Output**

Test Case 4: (pass)
Email Address: 202001450gmail.com
Password: fntp@2952
Confirm Password: empty
Expected Output: Error message: Please enter a valid address
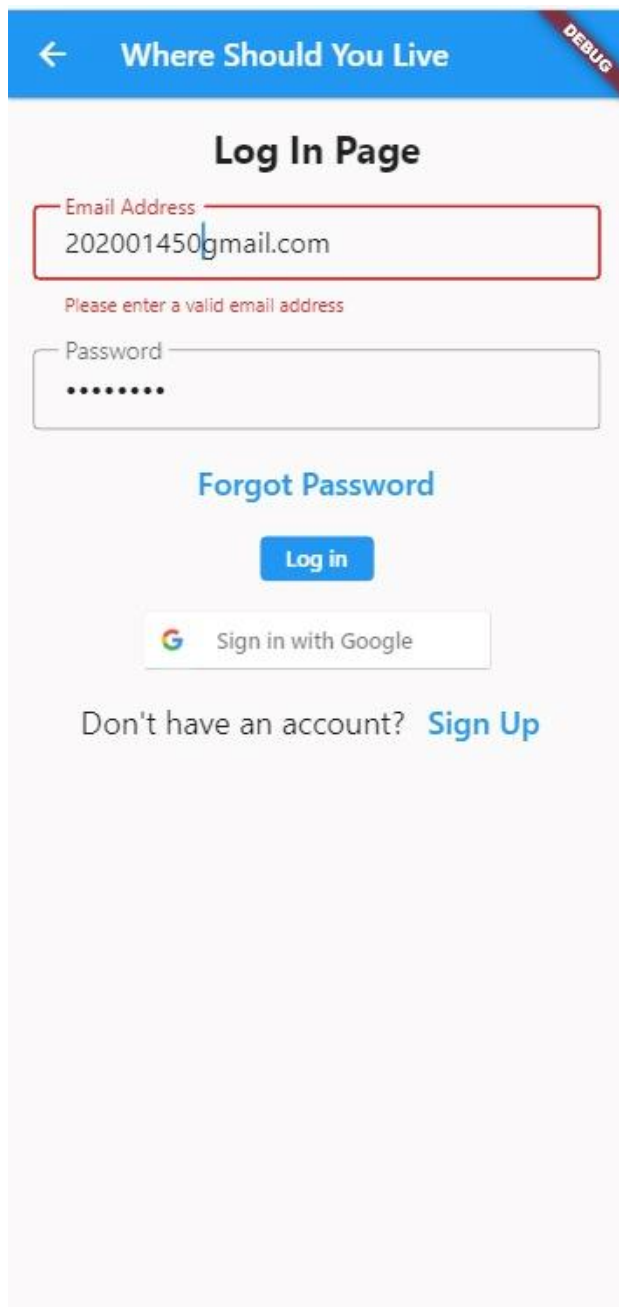**Actual Output:** Error message: Please enter a valid address

Test Case 5: (pass)
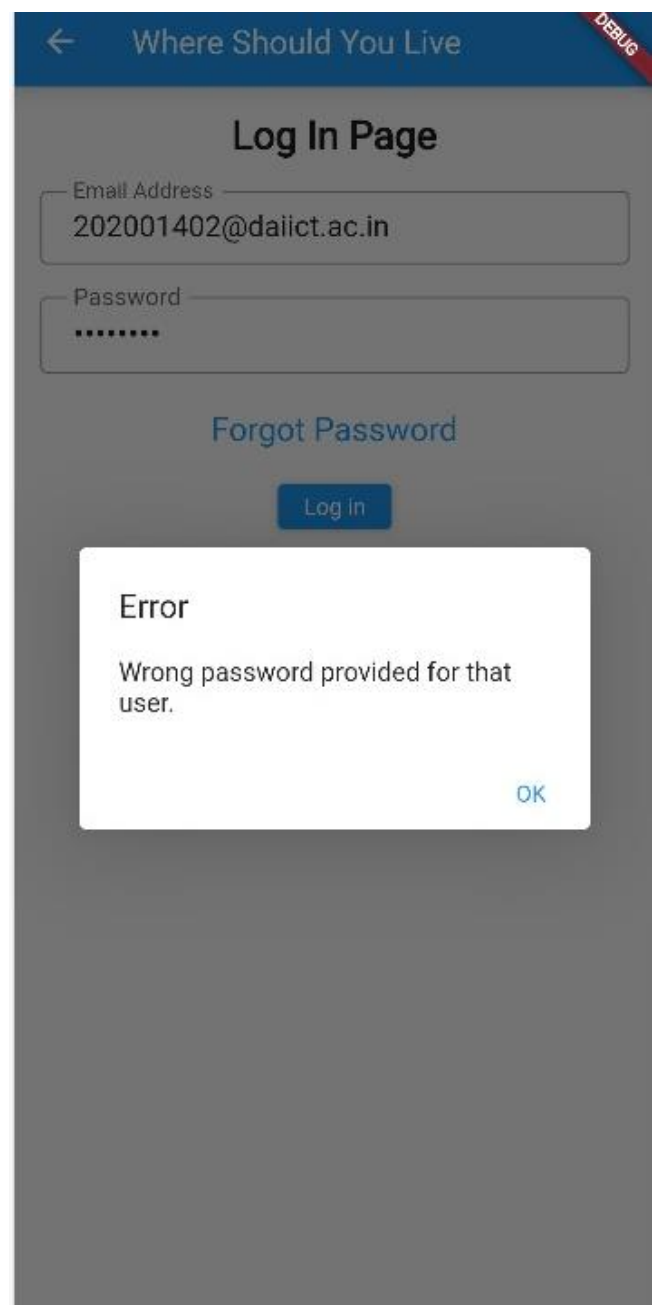**Email Address:** 202001450@gmail.com
Password: fntp@3952
Expected Output: Error message: Wrong password provide for that user.
Actual Output: Error message: Wrong password provide for that user.

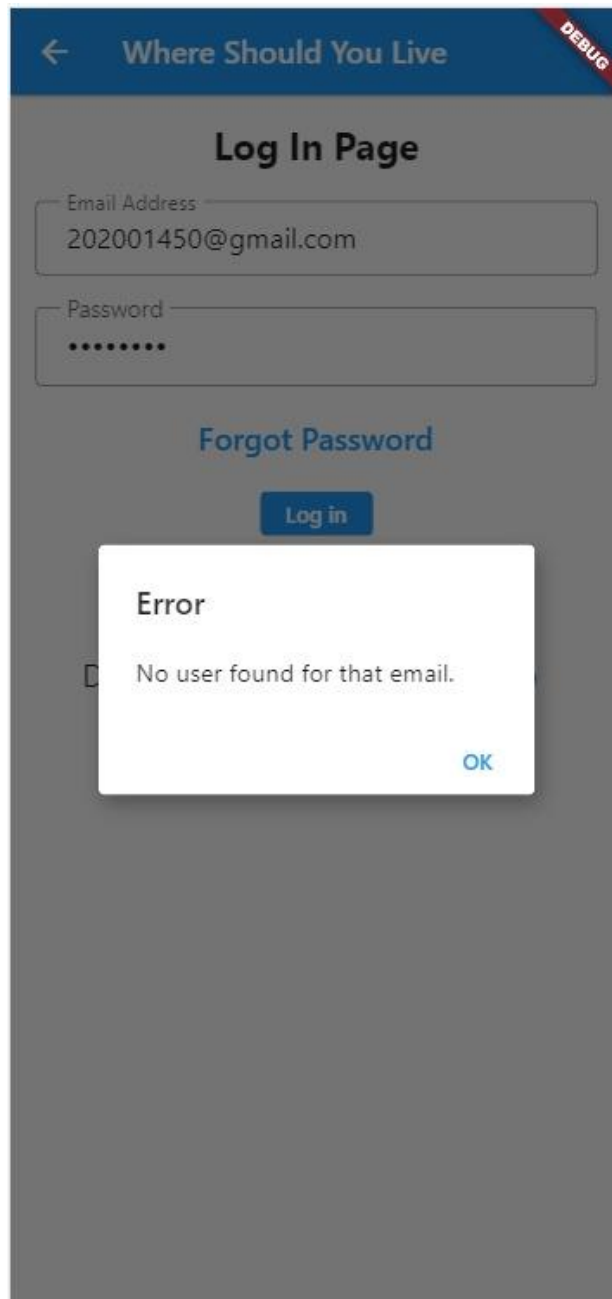**Test Case 4 Output**

Test Case 5 Output

Test Case 6: (pass)
Email Address: 202001450@gmail.com
Password: fntp@2952
Expected Output: Error message: no user found for this email
Actual Output: Error message: no user found for this email

Test Case 6 Output

3. Forgot Password

● **Equivalence Class Partitioning:**

Equivalence Class	Number of Selected Preferences	Expected Output
E1	Valid	Redirect To Home Page
E2	Invalid	Invalid

Invalid Input Field	Showing Error
Email	Please Enter you Email. There is no user record corresponding to this identifier, The user may have been deleted.

● **Test Cases:**

Test Case	Email	Expected Output
1	fenildalwala@gmail.com	Redirect to Reset Password
2	202001450@gmail.com	Redirect to Reset Password
3	aman23@gmail.com	Redirect to Reset Password
4	mina777@gmail.com	Redirect to Reset Password
5	vansh962@gmail.com	Redirect to Reset Password
6	empty	Please enter your Email
7	testusr@yaho.com	The Email Address is badly formatted
8	sahilyahoo.com	The Email Address is badly formatted
9	tirthmail.com	The Email Address is badly formatted
10	abcyaho.com	The Email Address is badly formatted
11	Neha@gmail.com	The Email Address is badly formatted
12	ajayaho.com	The Email Address is badly formatted
13	aajax.com	The Email Address is badly formatted

Test Case	Email	Expected Output
14	amitgmail.com/	The Email Address is badly formatted
15	nakul44gmail.com	The Email Address is badly formatted
16	ami ray@gmail.com	The Email Address is badly formatted
17	Anil @gmail.com	The Email Address is badly formatted
18	Gagan34@gmail.com	The Email Address is badly formatted
19	tina @gmail.com	The Email Address is badly formatted
20	tilak43@gmail.com	There is no user record corresponding to this identifier, The user may have been deleted.
21	nimesh61@gmail.com	There is no user record corresponding to this identifier, The user may have been deleted.
22	mahesh111@gmail.com	There is no user record corresponding to this identifier, The user may have been deleted.
23	prakash932@gmail.com	There is no user record corresponding to this identifier, The user may have been deleted.

Test Case 1: (pass)
Email Address: 202001450gmail.com
Expected Output: Redirect to Reset password field
Actual Output: Redirect to Reset password field

Test Case 1 Output

Test Case 2: (pass)
Email Address: mm nh
Expected Output: The email Address is badly formatted
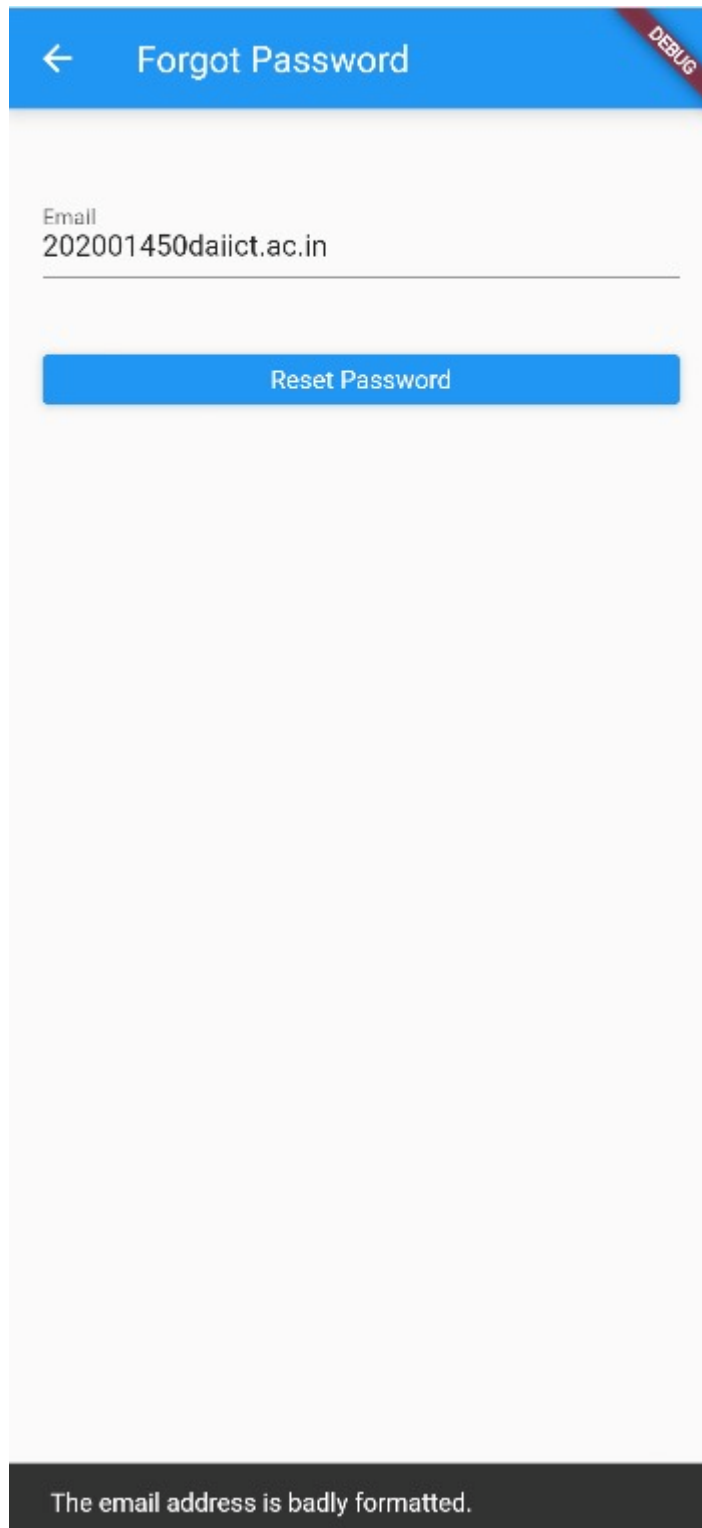**Actual Output:** The email Address is badly formatted

Test Case 2 Output

Test Case 3: (pass)
Email Address: 202001450@daiict.ac.in
Expected Output: The email Address is badly formatted
Actual Output: The email Address is badly formatted

Test Case 3 Output

4. Preference Page

● **Equivalence Class Partitioning:**

Equivalence Class	Number of Selected Preferences	Expected Output
E1	Valid	Redirect To Home Page
E2	Invalid	Invalid

Invalid Input Field	Showing Error
Preferences Radio buttons	You need to select Atleast one preference, My apologies but you can only select 4 options

● **Test Cases:**

| Test cases	Selected Preferences	Number of Selected Preferences	Expected Output
1	Hospital, City Area, School	3	Preferences are saved
2	City, Cinema, Hospital, School	4	Preferences are saved
3	Super Market, Cinema,	2	Preferences are saved
4	Cinema	1	Preferences are saved
5	None	0	Invalid
6	Hospital, School, City Area, Cinema and Super market Try to select	5	Invalid(Unable to select 5th option showing error massage)
7	Hospital, School, City Area, Cinema and Super market Try to business area and farming area	7	Invalid(Unable to select 5th option showing error massage)

Results of Some Test Case:

Test Case 1: (pass)
3 preferences Hospital, School and City Area are selected
Expected Output: Valid
Actual Output: Preferences are saved
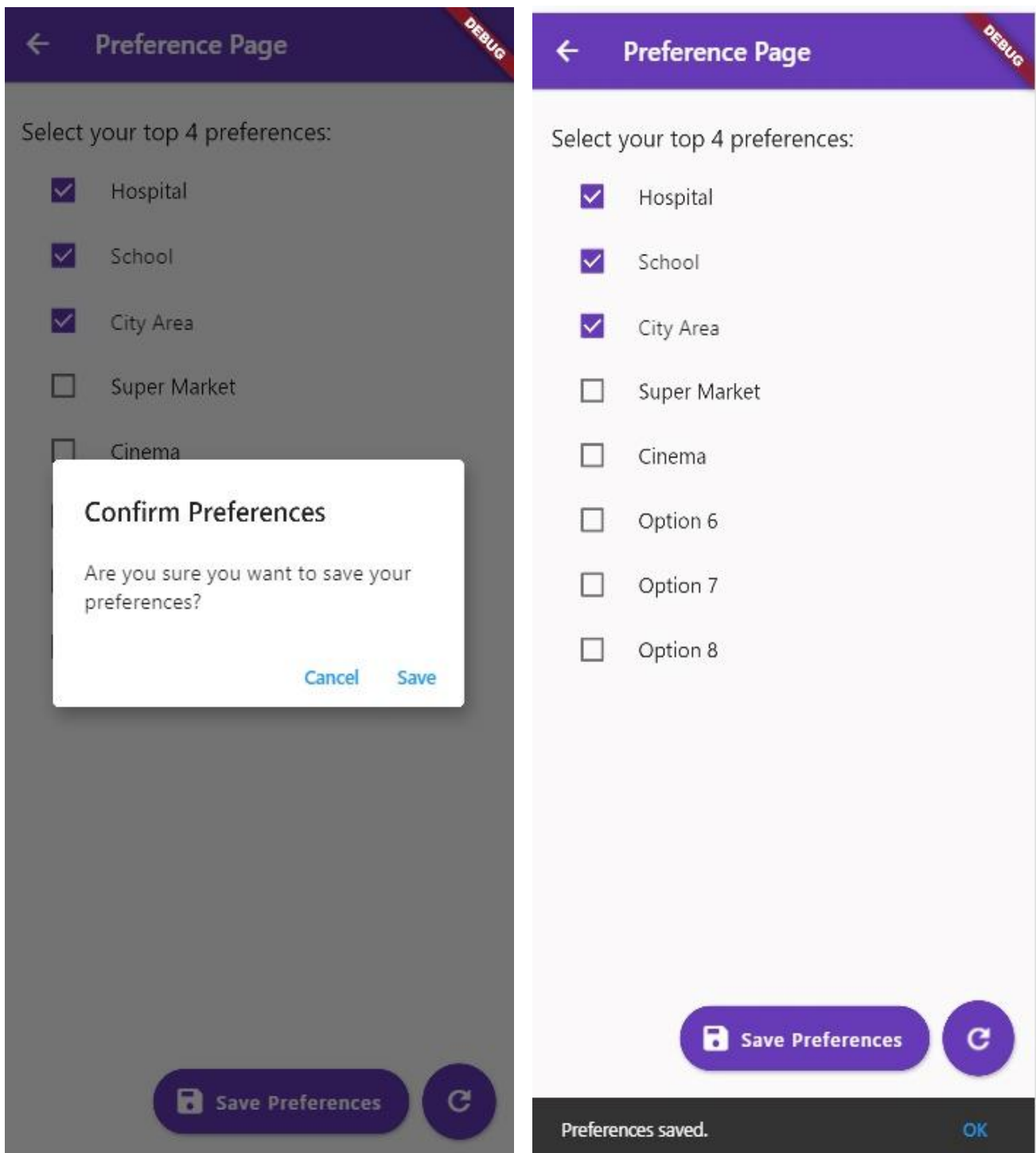
Test Case 1 Output

Test Case 2: (pass)
No preference selected and try to save preference
Expected Output: Invalid
Actual Output: Error message: Please select at least one option

Test Case 3: (pass)
Try to select more than 4 Preferences.
Expected Output: Invalid
Actual Output: Error message: My apologies but you can only select 4 options

Test Case 2 Output

Test Case 3 Output