



Group No: 30
Project Name: Stock Prediction

Complete Black Box Testing

- 1. Sign-up Page**
- 2. Login Page**
- 3. Change Password**
- 4. Search Stock**
- 5. Forgot password**
- 6. Comment Section**

1. Sign-up Page:

- Equivalence Class Partitioning:

Equivalence Class	Name	username	Phone number	OTP	Email	Password	Expected Output
E1	valid	valid	valid	valid	valid	valid	Redirected the welcome page
E2	valid	valid	invalid	valid	valid	invalid	invalid
E3	valid	valid	valid	valid	valid	valid	invalid
E4	valid	valid	invalid	valid	valid	invalid	invalid
E5	invalid	valid	valid	valid	valid	valid	invalid
E6	invalid	valid	invalid	valid	valid	invalid	invalid
E7	invalid	valid	valid	valid	valid	valid	invalid
E8	invalid	valid	invalid	valid	valid	invalid	invalid
E9	valid	invalid	valid	invalid	invalid	valid	invalid
E10	valid	invalid	invalid	invalid	invalid	invalid	invalid
E11	valid	invalid	valid	invalid	invalid	valid	invalid
E12	valid	invalid	invalid	invalid	invalid	invalid	invalid
E13	invalid	invalid	valid	invalid	invalid	valid	invalid
E14	invalid	invalid	invalid	invalid	invalid	invalid	invalid
E15	invalid	invalid	valid	invalid	invalid	valid	invalid
E16	invalid	invalid	invalid	invalid	invalid	invalid	invalid

Showing some of the equivalence partitioning, but have tried all the test cases.

- Invalid Input Field and their error:

Invalid Input Field	Showing Error
Name	Please Select the Name Field
E-mail	Please Include '@[gmail.com or any other]' at your email address
Password	Please add Password, which has a minimum 8 characters, one special character, one number and a capital letter.
OTP	Please add 6 digit OTP sent to you mail ID
Username	Please Select the Username Field
Phone Number	Enter a Valid phone Number

- Test Case:

Test Case	Name	User name	Phone Number	E-mail	Password	OTP	Expected Output
1	naman	naman 123	9900991112	naman@gmail.com	test_345678	123456	Redirected the welcome page
2	nisha	nish	9900767612	nisha.com	ABC@45678	990099	Invalid Email
3	priya	Priya	8970991112	naman@gmail.com	Axy_3434222	343412	Fill the date
4	aayush	test2	-	abcm@gmail.com	2323233	9999	Invalid email Invalid password Wrong OTP Enter phone number

5	123	test3	9900997	nisha@gmail.com	12345678	123422	Invalid Name And invalid password Invalid phone number
6	45666	test4	7788991112	darshana@gmail.com	Naman2233	909009	Invalid Name Invalid password
7	Darshana	test5	9911291112	darshana@gmail.com	99995678	923233	Redirected the welcome page
8	naman	test6	7575757575	modigmail.com	12345678	11222	Invalid Email And wrong OTP
9	nisha	test7	-	ujsh1@gmail.com	1TE0T!678	232222	Fill the date Enter Phone number
10	naman	test8	9898911122	ikjgmail.com	9999	424224	Invalid email Invalid password Invalid phone number
11	12test	test9	8880991112	aayush@gmail.com	1TEST!45678	242400	Invalid Name
12	priya	test10	7840991112	naman@gmail.com	12345678	-	Enter the OTP
13	aayush	test11	9090991112	namangmail.com	opQ_5678	783773	Invalid Email
14	naman	test12	7700991112	priya@gmail.com	2334bb	244882	Fill the date Invalid Password
15	priya	test13	8943991112	ikjgmail.com	12122_abc	232224	Invalid email Invalid password
16	_777	test14	9900991112	nisha@gmail.com	1TEST!45678	858585	Invalid Name
17	90906	test15	9900991112	priya@gmail.com	91193	388833	Invalid Name Invalid password

18	nisha	test16	9900991112	aayush@gmail.com	QWE!!5678	393939	Redirected the welcome page
19	aayush	test17	9900991112	typriyau2gmail.com	TEST@45678	1212	Invalid Email And wrong OTP
20	nisha	test18	9900991112	nisha@gmail.com	233434222	009900	Fill the date
21	naman	test19	9900991112	namangmail.com	xyzz23233	12345	Invalid email Invalid password
22	aayush	test20	9900991112	aayush@gmail.com	XYZ@5678	768666	Invalid Name
23	22366	test21	9900991112	priya@gmail.com	bb@2233	833456	Invalid Name Invalid password
24	tester1	test22	9900991112	aayush@gmail.com	12345678	138633	Redirected the welcome page
25	tester2	test23	9900991112	tester2gmail.com	BB@245678	383537	Invalid Email

2. Login Page:

- Equivalence Class Partitioning:

Equivalence Class	Email	Password	Expected Output
E1	valid	valid	Redirected the welcome page
E2	valid	invalid	invalid
E3	Invalid	valid	invalid
E4	Invalid	invalid	invalid

- Invalid Input Field and their error:

Invalid Input Field	Showing Error
E-mail	Please Include '@[gmail.com or any other]' at your email address
Password	Please add Password, which has minimum 8 characters, one special characters, one number and a capital letter.

- Test Case:

Test Case	E-mail	Password	Expected Output
1	naman@gmail.com	b@9119	Invalid Password
2	priya@gmail.com	_Riya123	Redirected the welcome page

3

3	aayushgmail.com	1234567 800000	Invalid E-mail Invalid Password
4	manan@gmail.com	12345P!!678	Redirected the welcome page
5	priya@gmail.com	008899 889900	Invalid Password
6	naman@gmail.com	BHv!45678	Redirected the welcome page
7	nisha@gmail.com	nishaS_123	Redirected the welcome page
8	priyagmail.com	priyaTank@20	Invalid E-mail
9	naman@gmail.com	123_O45678	Redirected the welcome page
10	priya@gmail.com	-	Invalid Password
11	nisha@gmail.com	nisha_A!1233	Redirected the welcome page
12	-	12345678	Invalid E-mail And invalid password
13	aayush@gmail.com	12345	Invalid Password
14	naman@gmail.com	namanM@010 1	Redirected the welcome page
15	nisha	savaliya99	Invalid E-mail And invalid password

3. Change Password:

- Equivalence Class Partitioning:

Equivalence Class	Old Password	New password	Confirm Password	Expected Output
E1	valid	valid	Matches	Redirected the welcome page
E2	valid	valid	Does Not match	invalid
E3	valid	invalid	Matches	invalid
E4	valid	invalid	Does Not match	invalid
E5	Invalid	valid	Matches	Invalid
E6	Invalid	valid	Does Not match	invalid
E7	Invalid	invalid	Matches	invalid
E8	Invalid	invalid	Does Not match	invalid

- Invalid Input Field and their error:

Invalid Input Field	Showing Error
Old-Password	Incorrect Password or invalid old-password
New Password	Password Does not match or invalid new-password

- Test Case:

Test Case	Old Password	New-Password	Expected Output
1	valid	9119	Invalid
2	invalid	naman@7890	Invalid
3	valid	priya_223344	valid
4	invalid	9900	Invalid
5	valid	priya_223344	Password does not match
6	valid	Aayush@9901 00000	Invalid
7	invalid	nisha@0790	Invalid
8	valid	darshana_22334 4	valid
9	invalid	0000_modi	Invalid
10	valid	naman_qwerty	Password does not match
11	-	naman_1244	invalid
12	valid	-	invalid

4. Search stock:

- Equivalence Class Partitioning:

Equivalence Class	Product Name	Expected Output
E1	valid	Get stock details
E2	Invalid	Product not found

- Invalid Input Field and their error:

Invalid Input Field	Showing Error
Product Name	Product Not found

- Test Case:

Test Case	Product Name	Expected Output
1	Stock1	Get details
2	Stock2	Get details
3	Stock3	Stock not found
4	stock@naman	Invalid name
5	123	Invalid name

5. Forgot Password:

- Equivalence Class Partitioning:

Equivalence Class	Old Password	New password	Confirm Password	OTP	Expected Output
E1	valid	valid	Matches	valid	Redirected the welcome page
E2	valid	valid	Does Not match	invalid	invalid
E3	valid	invalid	Matches	Valid	invalid
E4	valid	invalid	Does Not match	invalid	invalid
E5	Invalid	valid	Matches	valid	Invalid
E6	Invalid	valid	Does Not match	invalid	invalid
E7	Invalid	invalid	Matches	valid	invalid
E8	Invalid	invalid	Does Not match	invalid	invalid

- Invalid Input Field and their error:

Invalid Input Field	Showing Error
Old-Password	Incorrect Password or invalid old-password
New Password	Password Does not match or invalid new-password
OTP	Please add 6 digit OTP sent to you mail ID

- Test Case:

Test Case	Old Password	New-Password	OTP	Expected Output
1	valid	9119	123456	Invalid
2	invalid	naman@7890	990099	Invalid
3	valid	priya_223344	34341	Invalid OTP
4	invalid	9900	9999	Invalid
5	valid	priya_223344	12342	Password does not match and invalid OTP
6	valid	Aayush@990100000	90900	Invalid
7	invalid	nisha@0790	923233	Invalid
8	valid	Dhana_223344	11222	valid
9	invalid	0000_modi	232222	Invalid
10	valid	Naman_1werty	424224	Password does not match
11	-	naman_1244	242400	invalid
12	valid	-	009900	invalid

6.Comment Section:

- Equivalence Class Partitioning:

Equivalence Class	Comment	Expected Output
E1	Filled	Comment added
E2	empty	error

- Invalid Input Field and their error:

Invalid Input Field	Showing Error
Empty Comment	Add something in the comment

- Test Case:

Test Case	Comment	Expected Output
1	-	Enter non-empty comment
2	This stock is booming	Comment Added
3	I want some suggestions	Comment added
4	-	Enter non-empty comment

