Group No: 30
Project Name: Stock Prediction

Complete Black Box Testing

1. **Sign-up Page**
2. **Login Page**
3. **Past Analysis**
4. **My Profile**
5. **Stock price and analysis**
6. **Change Password**

1. Sign-up Page:

- Equivalence Class Partitioning:

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

- 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 Select the Password Field. If Password is Less than 8 Characters then show error that Please enter at least 8-character password. Passwords must contain at least 8 or at most 15 characters
DOB	Please Select the Date from the Date Field

- Test Case:

Test Case	Name	E-mail	Password	DOB	Expected Output
1	naman	naman@gmail.com	12345678	filled	Redirected the welcome page
2	nisha	nisha.com	12345678	filled	Invalid Email
3	priya	naman@gmail.com	233434222	-	Fill the date
4	aayush	abcgmail.com	2323233	filled	Invalid email Invalid password
5	123	nisha@gmail.com	12345678	filled	Invalid Name
6	45666	darshana@gmail.com	2233	filled	Invalid Name Invalid password
7	Darshana	darshana@gmail.com	99995678	filled	Redirected the welcome page
8	naman	modigmail.com	12345678	filled	Invalid Email

9	nisha	ujsh1@gmail.com	233434222	-	Fill the date
10	naman	ikjgmail.com	99999999999 999999999	filled	Invalid email Invalid password
11	12test	aayush@gmail.com	12345678	filled	Invalid Name
12	priya	naman@gmail.com	12345678	filled	Redirected the welcome page
13	aayush	namangmail.com	12345678	filled	Invalid Email
14	naman	priya@gmail.com	233434222	-	Fill the date Invalid Password
15	priya	ikjgmail.com	12122323909 090	filled	Invalid email Invalid password
16	_777	nisha@gmail.com	12345678	filled	Invalid Name
17	90906	priya@gmail.com	91193	filled	Invalid Name Invalid password
18	nisha	aayush@gmail.com	12345678	filled	Redirected the welcome page
19	aayush	typriyau2gmail.com	12345678	filled	Invalid Email
20	nisha	nisha@gmail.com	233434222	-	Fill the date
21	naman	namangmail.com	2323233	filled	Invalid email Invalid password
22	aayush	aayush@gmail.com	12345678	filled	Invalid Name
23	22366	priya@gmail.com	2233	filled	Invalid Name Invalid password
24	tester1	aayush@gmail.com	12345678	filled	Redirected the welcome page
25	tester2	tester2gmail.com	12345678	filled	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 Select the Password Field. If Password is Less than 8 Characters then show error that Please enter at least 8-character password. Passwords must contain at least 8 or at most 15 characters

- Test Case:

Test Case	E-mail	Password	Expected Output
1	naman@gmail.com	9119	Invalid Password
2	priya@gmail.com	priya123	Redirected the welcome page
3	aayushgmail.com	1234567 800000	Invalid E-mail Invalid Password
4	manan@gmail.com	12345678	Redirected the welcome page
5	priya@gmail.com	008899 889900	Invalid Password
6	naman@gmail.com	12345678	Redirected the welcome page
7	nisha@gmail.com	nisha_123	Redirected the welcome page
8	priyagmail.com	priyatank@20	Invalid E-mail
9	naman@gmail.com	12345678	Redirected the welcome page
10	priya@gmail.com	-	Invalid Password
11	nisha@gmail.com	nisha_1233	Redirected the welcome page
12	-	12345678	Invalid E-mail
13	aayush@gmail.com	12345	Invalid Password
14	naman@gmail.com	naman0101	Redirected the welcome page
15	nisha	savaliya99	Invalid E-mail

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

3. 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