

Experiment No. 06

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Section/Group: 22MCD1 / Grp A

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Subject Name: Software Testing Lab

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1. Aim: - Design test cases using decision table for login page of LinkedIn.

2. Task to be done: -

To create a decision table of the login page of the LinkedIn. Now using this table, we need to design various test cases Or define conditions and actions.

3. Code/Step for the Practical: -

DECISION TABLE: -

CONDITIONS	Rule 1	Rule 2	Rule 3	Rule 4	Rule 5	Rule 6	Rule 7
Email/Phone	F	F	T	T	T	--	--
Password	F	T	F	T	--	--	--
Forgot Password	--	--	--	--	Yes	--	--
New User? Join now	--	--	--	--	--	--	Yes
Sign in with Google	--	--	--	--	--	Yes	--
OUTPUT	E	E	E	S	R	G	N

Legend: -

‘F’ --- Invalid Credential
‘T’ --- Valid Credentials
‘E’ --- Error message
‘S’ --- Successful login

'R'	---	Redirected to Reset Password Screen
'G'	---	Redirected to choose a Google account to sign in
'N'	---	Redirected to Sign Up page
'--'	---	Empty/Not Chosen

4. Result/Writing Summary: -

Interpretation/Test Cases: -

- ✓ Case 1: - Both **email** id and **password** are incorrect/**invalid**. So, an **error** message is displayed stating that the user/password is invalid.
- ✓ Case 2: - **Email** id is incorrect/**invalid** but Password is valid. So, an **error** message is displayed stating that the password is invalid.
- ✓ Case 3: - Email id is valid but **Password** is incorrect/**invalid**. So, an **error** message is displayed stating that the password is invalid.
- ✓ Case 4: - Both **email** id and **password** are **valid**. A successful login, so user will be redirected to the Home Screen.
- ✓ Case 5: - Email id is valid, but user **forgot** the **password**. So, Forgot Password button will redirect the user to the **reset password page**.
- ✓ Case 6: - **Sign** in using the **Google** account. User will be redirected to a page and asked to choose a Google **account** to sign in.
- ✓ Case 7: - **New user** when clicks on Join Now, will be redirected to the **Sign-Up page**.

5. Learning Outcomes: -

I learned to: -

- Create a decision table for a login page.
- Design various test cases based on the decision table and predict the outputs.