

Test Design Techniques

User Story : Logout Functionality

Title: Secure Session Termination

Description: As a user, I want to log out after using the system to protect my personal data and prevent unauthorized access.

Type: Functional

Test Cases:

1. Successful logout from dashboard
2. Accessing dashboard after logout

Applied Test Design Techniques : Equivalence Partitioning (EP), and State Transition Technique

Equivalence Partitioning (EP)

1. Partitioning based on session state and access status.

Equivalence Partitioning (EP)

Field	Valid	Invalid
Session State	Active session (user is logged in)	Expired or no session (user is logged out)
Access to Page	Authenticated dashboard access	Direct access to protected URL after logout

State Transition Technique (ST)

- From Dashboard:
 - Click on "Logout" → Ends session → Redirects to login page with confirmation message
- From Logged Out State:
 - Accessing a protected page (like Dashboard) → Redirects to Login with error or notice