

FR 4 for (UC-4) Use Case ID 4: Login Logout Operations

Use Case ID	Functional Req. ID	Functional Requirement
UC-4	FR-4.1	The system shall allow users to login with their unique credentials and validate user credentials against the database.
UC-4	FR-4.2	The system shall lock the account for a specified duration (ex: 15 minutes) after three failed login attempts and display a message informing the user.
UC-4	FR-4.3	The system shall allow users to reset their password and regain access to their account by sending a recovery email to their registered email address.
UC-4	FR-4.4	The system shall allow users to log out of their account and return to the main menu.
UC-4	FR-4.5	The system shall handle errors such as username or password not found, account locked or disabled, database connection errors, and network or server errors.
UC-4	FR-4.6	The system shall validate user credentials against the database to ensure the user's account exists and the credentials are correct.
UC-4	FR-4.7	The system shall ensure the user's account is secure by preventing multiple login attempts and locking the account temporarily after three failed attempts.