

Write test scenarios to verify the functionality of an ATM machine. Consider scenarios that include account balance inquiries, cash withdrawals, deposits, and error handling.

Test Scenario	Precondition	Action	Expected Result
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Account Balance Enquiry

Valid account balance inquiry	User has logged in with valid credentials	Select "Balance Inquiry"	The system displays the correct balance.
Account balance inquiry with incorrect PIN	User enters an incorrect PIN	Attempt to check the balance	Error message indicating incorrect PIN; balance is not displayed.
Account balance inquiry with expired card	User's card has expired	Attempt to check the balance	Error message about expired card; balance is not displayed.

Cash Withdrawal

Valid cash withdrawal	Sufficient funds in the account	Withdraw a valid amount	Cash is dispensed, the account is debited, and the updated balance is shown.
Withdrawal with insufficient funds	Low balance in the account	Attempt to withdraw more than available balance	Error message indicating insufficient funds.
Withdrawal over daily limit	Daily withdrawal limit has been reached	Attempt to withdraw money	Error message indicating daily withdrawal limit has been reached.

Deposit

Valid deposit of cash	User is logged in with a valid card and PIN	Deposit cash within acceptable limits	Deposit is accepted, balance is updated.
Deposit of invalid denominations	User attempts to deposit unsupported notes	Attempt to deposit invalid denominations	Error message and system rejects the invalid denominations.

Error Handling

Card jammed during transaction	Card gets stuck during use	Perform any transaction, and card gets jammed	Error message and suggestion to contact support.
Network failure during transaction	Network interruption during withdrawal	Perform a transaction	Transaction is canceled, error message about network failure is displayed.

Write test scenarios to validate the functionality of a Facebook user profile. Include scenarios for creating and updating a profile, uploading and managing profile pictures, privacy settings, and interacting with friends.

Test Scenario	Precondition	Action	Expected Result
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Profile Creation

Successful profile creation with valid data	None	Create a new profile using valid data	Profile is created successfully; user is redirected to the profile page.
Profile creation with invalid email	None	Enter invalid email during profile creation	Error message prompting the user to enter a valid email.

Profile Updates

Updating profile information	Existing profile	Modify profile details (e.g., name, bio, location)	Profile is updated successfully; changes reflect on the profile page.
Update with invalid input (unsupported characters)	Existing profile	Enter unsupported characters in name field	Error message preventing update with invalid input.

Profile Picture Management

Uploading a valid profile picture	Existing profile	Upload a valid image	Profile picture is uploaded and set successfully.
Uploading an invalid format (non-image file)	Existing profile	Upload a non-image file (e.g., PDF)	Error message rejecting the file; prompts user to upload a valid image.
Removing profile picture	Profile picture exists	Remove current profile picture	Profile picture is removed; default avatar is shown.

Privacy Settings

Change profile privacy to "Friends Only"	Existing profile	Set profile privacy to "Friends Only"	Only friends can view the profile; non-friends see limited information.
Change profile visibility to "Public"	Existing profile	Set profile visibility to "Public"	All users can view the full profile regardless of friendship status.

Interacting with Friends

Sending a friend request	Existing profile	Send a friend request to another user	Friend request is sent successfully; recipient gets a notification.
Accepting a friend request	Pending friend request	Accept a friend request	User is added to the friends list; both parties can interact freely.
Unfriending a user	Friend already added	Remove a user from the friends list	User is removed from the friends list; interactions are restricted as per privacy.