

Test Cases

Q1 Design test cases for railway reservation system.

<u>Test case ID</u>	<u>Test case objective</u>	<u>Input data</u>	<u>Expected result</u>	<u>Actual result</u>	<u>Status</u>
<u>Tc1</u>	Login Field	Any valid login name (eg abc xyz)	It should accept the login name	It accepted the login name	Pass
<u>Tc2</u>	Password Field	valid password	It should accept the valid password.	it accepted the valid password	Pass
<u>T3</u>	Password Field	Invalid Password	It should not accept the wrong password and display error message.	Password not accepted & displayed error message "wrong pass"	Pass
<u>T4</u>	Date of Journey	Date format not before the current date	It should accept date	Accepted the date	Pass
<u>T5</u>	Boarding Station	Valid boarding station	It should accept by seeing route	Accepted the station	Pass
<u>T6</u>	Train number	Valid train number	It should accept valid train no.	Train number accepted	Pass
<u>T7</u>	Seat type	Any seat type from option (Sleeper, 1AC, 2AC, 3AC)	Accept from option	Accepted successfully	Pass

Q2 Design test cases for hostel admission form of your institute. ——— 06 ———

<u>Test Case ID</u>	<u>Test case Objective</u>	<u>Input data</u>	<u>Expected result</u>	<u>Actual result</u>	<u>Status</u>
<u>TC1</u>	Student name Field	Any valid alphabetical character (eg abc xyz)	It should accept the name	Student name is accepted	Pass
<u>TC2</u>	Date of Birth Field	Date format before the current date	It should accept date less than current date.	It accepted date successfully	Pass
<u>TC3</u>	Gender Field	Radio Button should be selected (Form)	It should select proper radio button	Radio Button selected successfully	Pass
<u>TC4</u>	Date of admission	Date format not before the current date.	It should accept date	Accepted the date	Pass
<u>TC5</u>	Pincode	valid 6 digit Number format	It should accept valid Pincode	Pincode accepted	Pass
<u>TC6</u>	Address Field	valid alpha numeric characters	It should accept the address	Accepted the address	Pass
<u>TC7</u>	Age Field	Any numerical greater than or equal to 16	accept age between 16 or above 16	accepted age	Pass

Q3 Prepare and write six test cases for Library Management System of college.

Test Case ID	Test case objective	Input data	Expected Result	Actual Result	Status
Tc1	User Authentication	1) Enter username "1221002" 2) Password: "Abc@123"	Login Should be done successfully	Login done successfully	Pass
Tc2	Borrowing Book	Enter any Book name (eg. PSU wing C)	1) Book should be issued 2) Book marked as Borrowed	Book issued & marked as Borrowed	Pass
Tc3	Borrowing Book	Invalid book name (eg r23ab)	It should display message "Book not found" or "Invalid Book name"	Message displayed successfully	Pass
Tc4	Borrowing Book	Book already borrowed or Book not available	It should display "Book not available"	Message displayed successfully	Pass
Tc5	Returning Book	Return a Borrowed book	It should mark the book returned in Library database	marked return to book	Pass
Tc6	Fine calculation	Return a book after due date	should display fine in login of student	Fine calculated in student login	Pass
Tc7	mode of Fine paying	Radio Button selection	User should select appropriate mode	selected properly	Pass

178
340

Q4 Design test cases for simple calculator application (Black-Box testing) — 06 —

<u>Test case ID</u>	<u>Test case objective</u>	<u>Input data</u>	<u>Expected result</u>	<u>Actual result</u>	<u>Status</u>
<u>Tc1</u>	To add two integer number	170+170	340	340	Pass
<u>Tc2</u>	To sub two integer	176-6	170	170	Pass
<u>Tc3</u>	multiply two integer	10x10	100	100	Pass
<u>Tc4</u>	To divide two integer	10/2	5	5	Pass
<u>Tc5</u>	To modulus of two integer	10%2	0	0	Pass
<u>Tc6</u>	To clean the screen	Press "C" or delete	Symbol "C" should appear	"C" appeared successfully	Pass
<u>Tc7</u>	To delete digit one by one	Press Backspace or ← arrow	One by one digit from Right to left should get clear	got output successfully	Pass

with respect to GUI testing write test case for Amazon login form. — 06 —

Page No.
 Date / /

Facebook login

Q5 Design test cases for web pages testing of any website. — 06 —

Test Case ID	Test case objective	Input data	Expected result	Actual result	Status
<u>T1</u>	check cursor position at email or mob no. field	click on email or mob. numb er field.	Cursor should be placed on field	Placed the cursor on field	Pass
<u>T2</u>	check cursor position at password field	click on password Field	Cursor should be placed on password field	Placed the cursor on password field	Pass
<u>T3</u>	Check the continue button	Click on continue button	It should redirect to next page	redirected the page	Pass
<u>T4</u>	Readability of font	Try to read the contents on Login page	Contents should be readable	contents are readable	Pass
<u>T5</u>	Testing of spelling login	check the spelling of Login	Login spelling should be correct	Spelling of login is correct	Pass
<u>T6</u>	Testing of hyperlinks	Hovers the mouse on hyperlink	onlick It should rediret to respective page	Cursor changed and rediret to other page	Pass

006 Prepare s/r test cases for marketing site www.flipkart.com.

Test Case ID	Test case objective	Input data	Expected result	Actual result	Status
<u>TC1</u>	Type correct username	Abc123	It should accept valid username	Accepted valid username	Pass
<u>TC2</u>	Type correct password	Correct password	It should accept password	accepted password	Pass
<u>TC3</u>	Click on login	Click on Login Button	Should be redirected to home page if credentials are right.	redirected to homepage successfully	Pass
<u>TC4</u>	Click on product	Click on any product	It should give more details and specification of product	User redirected to product specification	Pass
<u>TC5</u>	Add to cart	After product specification click on Add to cart	Product should add to cart	Added to cart	Pass
<u>TC6</u>	Remove from cart	Click on remove or delete from cart	Product should be removed from cart.	Product removed successfully	Pass

Payment made

order

Add to cart

Q7 write important test case for the "Login Form" of Facebook website. — 06 —

b) Write important six test cases for the "Login Form" of the Facebook website.

Ans

Test case no	Test step	Test data	Expected output	Actual output	Status
1	Username field is left blank		It will display 'Enter Username'	It displays 'Enter Username'	Pass
2	Enter invalid user name	abe	It will prompt 'couldn't find your account' message	It prompt couldn't find your account.	Pass
3	Enter valid user name and invalid password	Username-abe123 Password - 123	It will display 'Wrong password' message.	It displays 'wrong password' message.	Pass
4	Enter Valid username and no password	Username-abe123 Password -	It will display 'Enter password'.	It displays 'Enter password'.	Pass
5	Enter Valid username and Password	Username-abe123 Password - co5i22518	It will display users' account's facebook page.	It displays users account's facebook page.	Pass
6	Click on 'Forgotten password?'	-	It will go to Find your account page.	It goes to Find your account page.	Pass

Q8 Design Test cases for online mobile Recharge (Data Filed are mobile number, state, email-id, recharge amount). — 6 marks.

Here is the test case design for Online Mobile Recharge in tabular format:

Test Case ID	Test Case Objective	Input Data	Expected Result	Actual Result	Status
TC1	Check mobile number field validation	Enter an invalid mobile number	Error message for invalid mobile number		
TC2	Check state dropdown selection	Select a state	State should be selected successfully		
TC3	Check email-id validation	Enter an invalid email id	Error message for invalid email id		
TC4	Check recharge amount validation	Enter a recharge amount below the minimum	Error message for invalid recharge amount		
TC5	Check successful recharge with valid data	Enter valid mobile number, state, email-id, recharge amount	Recharge should be successful		

Q9 Test cases for ~~creating~~ ^{withdraw an} a saving amount from ATM. (3 marks)

Here are four test cases for Withdrawing an Amount from an ATM.

Test Case ID	Test Case Objective	Input Data	Expected Result	Actual Result	Status
TC1	Verify withdrawal with valid PIN and sufficient balance	Enter valid PIN and request valid amount	ATM should dispense the cash and account balance should be updated		
TC2	Validate withdrawal with invalid PIN	Enter invalid PIN	ATM should display an error message "Invalid PIN" and deny the transaction		
TC3	Check withdrawal with insufficient balance	Enter valid PIN and request an amount greater than available	ATM should display an error "Insufficient Funds" and deny the transaction		
TC4	Verify daily withdrawal limit	Enter valid PIN and request an amount exceeding the daily limit	ATM should display an error "Daily Limit Exceeded" and deny the transaction		

Q10 Test Cases for creating a saving account at bank (3m)

Here are six test cases for Creating a Savings Account at a Bank:

Test Case ID	Test Case Objective	Input Data	Expected Result	Actual Result	Status
TC1	Verify account creation with valid data.	Provide valid personal details (name, address, etc.) and initial deposit	Account should be created successfully with a unique account number		
TC2	Validate account creation with missing required fields	Leave required fields blank (e.g., name, initial deposit)	Error message should be displayed for missing fields		
TC3	Check account creation with invalid email address	Enter invalid email format (e.g., "user@domain")	Error message should be displayed: "Invalid email address"		
TC4	Verify account creation with insufficient initial deposit	Provide initial deposit below the minimum requirement	Error message should be displayed: "Minimum deposit required"		
TC5	Validate duplicate account creation	Attempt to create ↓ account with the same	Error message should be displayed: "Account		
TC6	Check account creation with valid phone number	Provide valid phone number along with other required details	Account should be created successfully, and phone number should be stored correctly		

Q11 with respect to client-server testing design test cases for online Payment transfer at banking system. (Gm)

Test Case ID	Test Case Objective	Input Data	Expected Result	Actual Result	Status
TC1	Verify client-server connection during payment transfer	Initiate payment transfer request from client	Client should establish a connection with the server		
TC2	Validate secure data transmission (encryption)	Send payment details from client to server	Data should be transmitted securely (encrypted)		
TC3	Check server response time	Initiate payment request from client	Server should respond within the acceptable time limit		
TC4	Verify successful payment transfer	Provide valid account and transfer details	Payment transfer should be completed successfully		
TC5	Check server validation of insufficient funds	Provide valid account with insufficient funds	Server should reject the transaction with an appropriate message		
TC6	Validate server error handling during network failure	Initiate payment transfer with network disruption	Server should handle the error and return an appropriate message		
TC6	Validate server error handling during network failure	Initiate payment transfer with network disruption	Server should handle the error and return an appropriate message		
TC7	Check client retry mechanism after server failure	Server goes down during payment transfer	Client should retry the transfer after a failed attempt		
TC8	Verify correct balance update on server after payment	Complete payment transfer	Server should update account balances accurately		
TC9	Check session timeout handling	Leave session idle for a certain period	Server should log out the user after session timeout		
TC10	Validate secure server logs for transactions	Complete multiple payment transfers	Server logs should securely record each transaction		

Design test cases for MS Word application using an Automation tool.

6 marks

Test Case ID	Test case objective	Input data	Expected result	Actual result	Status
TC1	Check whether Undo in Edit main menu undoes the previous action		Previous action should be undone	Previous action was undone	Pass
TC2	Checks whether the Undo button in right click context menu undoes the previous action		Previous action should be undone	Previous action was undone	Pass
TC3	Checks whether Undo button in the Edit main menu is disabled when there is not any previous actions		Undo Button should be disabled	Undo Button was disabled	Pass
TC4	Checks whether Undo button in right context menu is disabled when there are not any previous actions		Undo Button should be disabled	Undo Button remained disabled	Pass
TC5	Checks whether hotkey (CTRL+Z) response when there is no any of previous actions		No response is expected	No response	Pass
TC6	Checks whether the Cut options in Edit main menu cuts the selected text		Selected text should be cut	Selected text was cut	Pass
TC7	Checks whether the Cut options in Edit Menu is disabled when no texts are selected		Cut Options should be disabled	Cut Option Was Disabled	Pass

Q13 "Edit" function in Notepad. — 3 marks

Test case ID	Test case objective	Input data	Expected result	Actual result	Status
TC1	Test the select all option	Click on select all	All the text should be selected	All the text is selected	Pass
TC2	Cut option	Select the text and click on cut	Selected text should be cut	Selected text is cut	Pass
TC3	Paste option	Click on paste	Contents should be pasted	Contents are pasted	Pass
TC4	Delete option	Select text and click on delete	Contents should be deleted	Contents are deleted	Pass

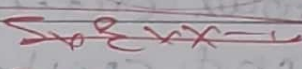
Q14 write a program for calculating even numbers from 1 to 20 and design test case. — 6m.

- ⇒
- TC1 ⇒ Loop
 - TC2 ⇒ Increment Operator
 - TC3 ⇒ Condition.
 - TC4 ⇒ output
 - TC5 ⇒ if/else
 - TC6 ⇒ Syntax

6 marks

Expected

Q15 MSBTE Result Site

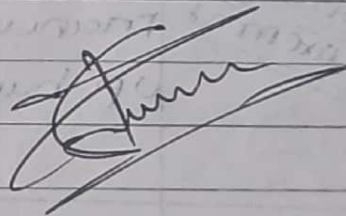
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Enter Seat Or Enrollment No	<input type="text"/>
Capcha	
Type above capcha	<input type="text"/>

6 marks

Q16 www.instagram.com

3 marks

End



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