

Practical 1
Software Testing and Quality Assurance
2CSDE80

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20BCE515

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AIM : To analyse given webpages from user interface, functionality, and security perspective, and perform manual testing

Test Case ID	YT_001	Test Case Description	Test the video playback interface in youtube		
Created By	Unnat	Reviewed By	Unnat	Version	1.0

QA Tester's Log	Review video playback interface in youtube
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Tester's Name	Unnat	Date Tested	August 26, 2022	Test Case	Pass
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S #	Prerequisites:
1	Internet Connection
2	Access to browser
3	Opened youtube.com in browser
4	

S #	Test Data Requirement
1	
2	
3	
4	

Test Conditions	Verify the video playback and different playback settings
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Step #	Step Details	Expected Results	Actual Results	Pass / Fail / Not executed / Suspended
1	Click on a video thumbnail in youtube	Video is opened	As Expected	Pass
2	Click on skip ad	Ad is skipped	As Expected	Pass
3	Click on pause button	Video is paused	As Expected	Pass
4	Click on play button	Video contiue to play	As Expected	Pass
5	Adjust volume using volume slider as bottom of player	Volume is adjusted	As Expected	Pass
6	Click on on/off subtitles	Subtitles are on/off	As Expected	Pass
7	Click on settings icon at bottom of player	Small setting menu is popped up in the player	As Expected	Pass
8	Set Playback speed to 2x	Video is played at 2x speed	As Expected	Pass
9	Set quality to 240p	Video quality is low	As Expected	Pass
10	Set quality to 2160p	Video quality is high	As Expected	Pass
11	Click on miniplayer	Video is started in miniplayer	As Expected	Pass
12	Click on theater mode	Videois started in theator mode	As Expected	Pass

Test Case ID	RS_001	Test Case Description	Test the editor functions in readme.so		
Created By	Unnat	Reviewed By	Unnat	Version	1.0

<u>QA Tester's Log</u>	Review editor functionalities in readme.so
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Tester's Name	Unnat	Date Tested	August 26, 2022	Test Case	Pass
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S #	Prerequisites:
1	Internet Connection
2	Access to browser
3	
4	

S #	Test Data Requirement
1	Open readme.so
2	
3	
4	

<u>Test Conditions</u>	Verifying on adding new sections and text in editor
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Step #	Step Details	Expected Results	Actual Results	Pass / Fail / Not executed / Suspended
1	Click on get started	Redirect to editor page	As Expected	Pass
2	Enter text in editor	Able to write in editor	As Expected	Pass
3	Check preview	Preview should display recently edited text	As Expected	Pass
4	Add custom sections	Section successfully added	As Expected	Pass
5	Click on delete on a section	Section is deleted	As Expected	Pass
6	Click on reset on a section	Section is reset	As Expected	Pass

Test Case ID	LMS_001	Test Case Description	Test the Login Functionality in LMS		
Created By	Unnat	Reviewed By	Unnat	Version	1.0

QA Tester's Log	Review login functions in nirma moodle
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Tester's Name	Unnat	Date Tested	August 16, 2022	Test Case	Fail
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S #	Prerequisites:
1	Access to Browser
2	Internet Connection
3	Access to nirma email id
4	

S #	Test Data
1	Userid = 20bce515@nirmauni.ac.in
2	Pass = *****
3	
4	

Test Scenario	Verify on entering valid userid and password, the customer can login
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Step #	Step Details	Expected Results	Actual Results	Pass / Fail / Not executed / Suspended
1	Navigate to https://lms.nirmauni.ac.in/login	Site should open	As Expected	Pass
2	Enter Userid & Password	Credential can be entered	As Expected	Pass
3	Click Submit	Student is logged in	As Expected	Pass
4	Navigate on forgotten your username and or password	Site should open	As Expected	Pass
5	Enter username in Search by username	Password reset email should be received on registered email	Email not received	Fail
6	Enter email in Search by email	Password reset email should be received on registered email	As Expected	Pass
7	Click Continue after reset password	Should be redirected to login page	As Expected	Pass
8	Enable remember username and then login.	Student is logged in	As Expected	Pass
9	Logout	Student is logged out	As Expected	Pass
10	Navigate to https://lms.nirmauni.ac.in/login	Already logged in	As Expected	Pass

Test Case ID	LMS_002	Test Case Description	Test the upload/download functionality in LMS		
Created By	Unnat	Reviewed By	Unnat	Version	1.0

QA Tester's Log	Review upload/ download in LMS
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Tester's Name	Unnat	Date Tested	August 26, 2022	Test Case	Pass
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S #	Prerequisites:
1	Internet Connection
2	Access to browser
3	Already login in LMS
4	Navigate to STQA course

S #	Test Data Requirement
1	Userid = 20bce515@nirmauni.ac.in
2	Pass = *****
3	Practical file to be uploaded
4	

Test Conditions	Verify by downloading course files and uploading a practical
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Step #	Step Details	Expected Results	Actual Results	Pass / Fail / Not executed / Suspended
1	Download STQA course policy	Course policy is downloaded	As Expected	Pass
2	Click on download zip	All course files are downloaded in a zip file	As Expected	Pass
3	In practical 1, click on upload file	Menu to upload files, urls, and media is opened	As Expected	Pass
4	Click on choose file	Able to browse and choose files from local system	As Expected	Pass
5	Click on upload	File Is uploaded	As Expected	Pass
6	Click on update file	Menu to upload files, urls, and media is opened	As Expected	Pass

Test Case ID	LC_001	Test Case Description	Test the sign in functionality in Leetcode		
Created By	Unnat	Reviewed By	Unnat	Version	1.0

QA Tester's Log	Review the sign in functionality in Leetcode
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Tester's Name	Unnat	Date Tested	August 26, 2022	Test Case (Pass/Fail/Not)	Pass
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S #	Prerequisites:
1	Internet Connection
2	Access to browser
3	
4	

S #	Test Data Requirement
1	Userid = 20bce515@nirmauni.ac.in
2	Pass = *****
3	
4	

Test Conditions	Verify by signin and resetting the password in LeetCode
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Step #	Step Details	Expected Results	Actual Results	Pass / Fail / Not executed / Suspended
1	Navigate to https://leetcode.com	Site should open	As Expected	Pass
2	Enter Userid & Password	Credential can be entered	As Expected	Pass
3	Click Submit	User is logged in	As Expected	Pass
4	Navigate on forgotten your username and or password	Site should open	As Expected	Pass
5	Enter email	Password reset email should be received on registered email	As Expected	Pass
6	Click Continue after reset password	Should be redirected to login page	As Expected	Pass
7	Enable remember username and then login.	Student is logged in	As Expected	Pass
8	Logout	Student is logged out	As Expected	Pass
9	Navigate to lms.nirmauni.ac.in/login/index.p	Already logged in	As Expected	Pass

Test Case ID	TW_001	Test Case Description	Test the user interface in twitch		
Created By	Unnat	Reviewed By	Unnat	Version	1.0

QA Tester's Log

Review the user interface in twitch

Tester's Name	Unnat	Date Tested	September 2, 2022	Test Case	Pass
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S #	Prerequisites:
1	Internet Connection
2	Access to browser
3	
4	

S #	Test Data Requirement
1	
2	
3	
4	

<u>Test Conditions</u>	Verify by browsing different live streams , searching and using different playback settings
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Step #	Step Details	Expected Results	Actual Results	Pass / Fail / Not executed / Suspended
1	Search twitch.tv in browser	Site is opened	As Expected	Pass
2	Browse different live streams	Able to browse live streams	As Expected	Pass
3	Search for a stream	Able to search for a particular stream	As Expected	Pass
4	Click on a live stream	Live stream is open	As Expected	Pass
5	Adjust volume using volume slider as bottom of player	Volume is adjusted	As Expected	Pass
6	Click on on/off subtitles	Subtitles are on/off	As Expected	Pass
7	Click on settings icon at bottom of player	Small setting menu is popped up in the player	As Expected	Pass
8	Set quality to 240p	Video quality is low	As Expected	Pass
9	Set quality to 720p	Video quality is high	As Expected	Pass
10	Type in chats	Able to chat	As Expected	Pass

Test Case ID	CDXC_001	Test Case Description	Test the visit spot interface in CoinDCX		
Created By	Unnat	Reviewed By	Unnat	Version	1.0

<u>QA Tester's Log</u>	Review the visit spot interface in CoinDCX
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Tester's Name	Unnat	Date Tested	September 2, 2022	Test Case (Pass/Fail/Not)	Pass
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S #	Prerequisites:
1	Internet Connection
2	Access to browser
3	Already login in CoinDCX
4	

S #	Test Data Requirement
1	Email = *****
2	Pass = *****

<u>Test Conditions</u>	Verify interface of coin price charts, buying and selling menu
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Step #	Step Details	Expected Results	Actual Results	Pass / Fail / Not executed / Suspended
1	Browse different crypto currency	Able to browse different cryptocurrency	As Expected	Pass
2	Click on etherium	Charts and spot prices for etherium are displayed	As Expected	Pass
3	Click on day in chart	Chart for the same day is displayed	As Expected	Pass
4	Click on buy etherium	Pop up window to buy etherium is displayed	As Expected	Pass
5	Click on sell etherium	Pop up window to sell etherium is displayed	As Expected	Pass
6	Open spot prices	Spot prices are displayed	As Expected	Pass
7	Place cursor at different time point in charts	Prices at particular time is shown	As Expected	Pass

Test Case ID	CDCX_002	Test Case Description	Test the buy/sell/spot functionality in CoinDCX		
Created By	Unnat	Reviewed By	Unnat	Version	1.0

QA Tester's Log	Review the buy/sell/spot functionality in CoinDCX
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Tester's Name	Unnat	Date Tested	September 2, 2022	Test Case (Pass/Fail/Not	Pass
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S #	Prerequisites:
1	Internet Connection
2	Access to browser
3	Already login in CoinDCX
4	

S #	Test Data Requirement
1	Email = *****
2	Pass = *****
3	
4	

Test Conditions	Verify by making transactions in CoinDCX
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Step #	Step Details	Expected Results	Actual Results	Pass / Fail / Not executed / Suspended
1	Browse different cryptocurrency	Able to browse	As Expected	Pass
2	Click on buy stock	Popup menu is opened to buy stock	As Expected	Pass
3	Enter quatity	Able to write quantity	As Expected	Pass
4	Enter spot price	Able to set spot price	As Expected	Pass
5	Sell dogeCoin	Popup menu is opened to see dogeCoin	As Expected	Pass
6	Set spot price	Able to set spot price and	As Expected	Pass
7	Set quantity to 100%	Quatity is set to 100%	As Expected	Pass
8	Wait to buy prices to hit the selected spot price	DogeCoin is successfully sold	As Expected	Pass

Test Case ID	UB_001	Test Case Description	Test the uber ride		
Created By	Unnat	Reviewed By	Unnat	Version	1.0

<u>QA Tester's Log</u>	Review the uber ride functionality
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Tester's Name	Unnat	Date Tested	September 2, 2022	Test Case	Pass
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S #	Prerequisites:
1	Internet Connection
2	Access to browser
3	Open the site : https://uber.com
4	

S #	Test Data Requirement
1	
2	
3	
4	

<u>Test Conditions</u>	Verify by selecting source and destination in uber
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Step #	Step Details	Expected Results	Actual Results	Pass / Fail / Not executed / Suspended
1	Open Uber App	Login UI Display	As Expected	Pass
2	Click on New Ride	Map With Source And Destination Tab Window Open	As Expected	Pass
3	Enter or Select Source and Destination	Source And Destination Distance is Display	As Expected	Pass
4	Click on book ride	Car Auto and Cab option display with relevant Price	As Expected	Pass
5	Select Ride Option and click on Pay button	Payment Module Open	As Expected	Pass
6	Do payment with Relevant Gateway	Payment SuceesFully	As Expected	Pass
7	Click on check Driver Details	Driver Details Open	As Expected	Pass
8	Click on current Icon	driver current location display with pickup point	As Expected	Pass

Test Case ID	UY_001	Test Case Description	Test the search and filter functionality in Udemy		
Created By	Unnat	Reviewed By	Unnat	Version	1.0

<u>QA Tester's Log</u>	Review search and filter functionality in Udemy
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Tester's Name	Unnat	Date Tested	September 2, 2022	Test Case	Pass
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S #	Prerequisites:
1	Internet Connection
2	Access to browser
3	Open the site : https://udemy.com
4	

S #	Test Data Requirement
1	
2	
3	
4	

<u>Test Conditions</u>	Verify search and filter the courses in Udemy
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Step #	Step Details	Expected Results	Actual Results	Pass / Fail / Not executed / Suspended
1	Click on search	Able to write in search	As Expected	Pass
2	Type software testing and click enter	Courses related to software testing are displayed	As Expected	Pass
3	Check website logo	Logo should be correct	As Expected	Pass
4	Sort by most review	Courses are sorted and displayed accordingly	As Expected	Pass
5	Sort by newest	Newest software testing courses are displayed	As Expected	Pass
6	Check if able to access all courses	Should be able to access all enrolled courses	As Expected	Pass
7	Filter topics	Courses are filtered	As Expected	Pass
8	Filter by language	Couses in particular language are displayed	As Expected	Pass
9	Filter by price	Courses in given price range are displayed	As Expected	Pass
10	Filter by ratings	Courses above the given ratings are displayed	As Expected	Pass