

LOGIN PAGE TESTING:

Test Case # 1

Test Case Title: Testing that the validation message is displayed when user leaves username or password field as blank

Preconditions	Login page should be opened
Actions	Click the Login button on the Login page
Expected Results	System should display a validation message when user leaves username or password field as blank and should not login the user into the system
Tested By:	2018CS80,84,85
Result	Validation message appears when any field is blank. Expected Result.

Test Case # 2

Test Case Title: Testing that the both the text fields i.e., Email and Password accepts alphanumeric strings and special characters.

Preconditions	Login page should be opened
Actions	Type Email and Password in the provided text field on the Login page
Expected Results	System should login the user into the system in case if entered valid credentials else user is displayed a validation message of "incorrect format" and ask the user to enter again
Tested By:	2018CS80,84,85
Result	User only login when entered valid credentials. Expected result.

Test Case # 3

Test Case Title: Testing that the Password is in encrypted form when entered by the user

Preconditions	Login page should be opened
Actions	Type Password in the provided text field on the Login page
Expected Results	System should encrypt the password when entered by the user
Tested By:	2018CS80,84,85
Result	Yes, our system encrypted the password when user enter it. Expected Result.

Test Case # 4

Test Case Title: Testing that the option with a label of "Forgot Password" on the login page redirects to a page where system asks the user about its confidential information and sends a links on the primary email address to re-set password which further redirects to the procedure of resetting password

Preconditions	Make a member of system by signing up in the system
Actions	Enter the valid username in the provided text field and click the option with a label of "Forgot Password" on the Login page

Expected Results	System should redirect to a page where system asks the user about its confidential information and sends a links on the primary email address to re-set password
Tested By:	2018CS84,85,80
Result	Expected Result. Our system redirects the user to the page where it reset the password.

Test Case # 5

Test Case Title: Testing that user is able to login with valid username and password

Preconditions	Make a member of system by signing up in the system
Actions	Enter the correct username and password in the provided text fields and click the Login button on the Login page
Expected Results	System should login the user into the system/User should be able to login with valid username and password
Tested By:	2018CS84,85,80
Result	Expected result. User login with correct information.

Test Case # 6

Test Case Title: Testing that user is unable to login with invalid username or password

Preconditions	Login page should be opened
Actions	Enter the username and password in the provided text fields and click the Login button on the Login page
Expected Results	System should not login the user into the system and user is displayed a validation message of "incorrect username or password"
Tested By:	2018CS84,85,80
Result	Expected result. User can't able to login with wrong credentials.

PERFORMANCE TESTING:

Test Case # 7

Test Case Title: Time is taken for launching the app.

Preconditions	Slash screen is opened only for 3-4 secs
Actions	Select the app from your app gallery
Expected Results	System should display all the same features of the front page with in no time after splash screen disappears.
Tested By:	2018CS84,85,80
Result	Expected result. Front page of an app is opened with all buttons within one sec.

Test Case # 8

Test Case Title: Testing that the Pagination works correctly on each page

Preconditions	User should be logged in and respected tab should be opened
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Actions	Click left-arrow for moving back to the previous page
Expected Results	System should display all the features of the previous page when back button is clicked
Tested By:	2018CS80,84,85
Result	Expected result.

Test Case # 9

Test Case Title: Testing that the Splash screen is only for 3-4 secs

Preconditions	App must be installed on users mobile
Actions	Click the app icon from your app gallery.
Expected Results	Splash Screen should disappear after 3-4 secs.
Tested By:	2018CS80,84,85
Result	Expected result.

Test Case # 10

Test Case Title: Successful installing the app within the stipulated timeframe.

Preconditions	User must open the google play store or App store to download the file
Actions	Click install button
Expected Results	App should be installed on your device with in 1 minute when you have good internet speed.
Tested By:	2018CS80,84,85
Result	Expected result.

Test Case # 11

Test Case Title: Successful uninstalling the app within the stipulated timeframe.

Preconditions	App must be installed on your device.
Actions	Click the uninstall button
Expected Results	App should be uninstalled on your device with in 1 minute after clicking uninstall button. No error should be displayed by Android system.
Tested By:	2018CS84,85,80
Result	Expected result.

FUNCTIONALITY TESTING:

Test Case # 12

Test Case Title: Testing that the "Take a picture by camera" button works correctly

Preconditions	User should be logged in and respected tab or page should be opened
Actions	Click the "take a picture by camera" button
Expected Results	System should redirect the user to camera page of device and user must click an image
Tested By:	2018CS80,85,84
Result	Expected result.

Test Case # 13

Test Case Title Testing that the "Choose from gallery" button works correctly

Preconditions	User should be logged in and respected tab should be opened
Actions	Click the "Choose from gallery" button
Expected Results	System should redirect user to its gallery page where he selects an image
Tested By:	2018CS80,84,85
Result	Expected Result.

Test Case # 14

Test Case Title: Testing that Crop button and Scale works correctly

Preconditions	User should be logged in and respected tab should be opened
Actions	Click the Crop button/Crop Scale to crop images
Expected Results	System should crop the image as desired by user by clicking respective buttons.
Tested By:	2018CS80,84,85
Result	Expected result.

Test Case # 15

Test Case Title: Testing that "Listen Audio" button works correctly

Preconditions	User should be logged in; respected tab should be opened and text should be extracted from the selected image
Actions	Click the "Listen Audio" button
Expected Results	System should play a detailed and correct speech of that particular extracted text that is displaying above.
Tested By:	2018CS80,84,85
Result	Expected Result.

Test Case # 16

Test Case Title: Testing that the "Text Extraction" button works correctly.

Preconditions	User should be logged in; respected tab should be opened and image should be selected from that you want to extract text.
Actions	Click the respective button on the page
Expected Results	System should display the extracted text (from the image) on the screen.
Tested By:	2018 CS80,84,85
Result	Expected result.

Test Case # 17

Test Case Title: Testing that the "Object Recognition" button works correctly when image is simple and clear.

Preconditions	User should be logged in; respected tab should be opened and at least one image should be selected for object recognition.
Actions	Click the "object recognition" button
Expected Results	System should display the right object name
Tested By:	2018CS84,85,80
Result	Expected result.

Test Case # 18

Test Case Title: Testing that the "Object Recognition" button works correctly when image has clustered of objects and not clear.

Preconditions	User should be logged in; respected tab should be opened and at least one image should be selected for object recognition.
Actions	Click the "object recognition" button
Expected Results	System should display the right object name
Tested By:	2018CS80,84,85
Result	Unexpected result.

Test Case # 19

Test Case Title:
Testing that the "Barcode scanner" button works correctly when image has QR barcode or two-dimensional barcodes

Preconditions	User should be logged in; respected tab should be opened and at least one image should be selected for barcode scanning.
Actions	Click the "Barcode Scanner" button
Expected Results	System should scan the barcode correctly and extract the right details.
Tested By:	2018CS80,84,85
Result	Expected result

Test Case # 20

Test Case Title:
Testing that the "Barcode scanner" button crashes when image has not QR barcode or two-dimensional barcodes or image has numeric only or alphanumeric barcodes.

Preconditions	User should be logged in; respected tab should be opened and at least one image should be selected for barcode scanning.
Actions	Click the "Barcode Scanner" button
Expected Results	System should crash when other types of barcode is given
Tested By:	2018CS80,84,85

Result	Expected result
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Test Case # 21

Test Case Title: Testing that "history" button works correctly.

Preconditions	User should be logged in once and respected history page should be opened
Actions	Click history button.
Expected Results	System should display the actions, time and login history of the user correctly.
Tested By:	2018CS80,84,85
Result	Expected result.

USABILITY AND COMPATIBILITY TESTING:

Test Case # 22

Test Case Title: Testing to validate that the user Interface of the application is as per the screen size of the device, no text/control is partially invisible or inaccessible.

Preconditions	App should be installed on device
Actions	Examine the app
Expected Results	User Interface of the application is as per the screen size of the device, no text/control is partially invisible or inaccessible.
Tested By:	2018CS80,84,85
Result	Expected results.

Test Case # 23

Test Case Title: Testing To ensure that the text is kept simple and clear to be visible to the users.
To ensure that the short sentences and paragraphs are readable to the end users.

Preconditions	App should be installed on device
Actions	Examine the app
Expected Results	System should ensure that the text is kept simple and clear to be visible to the users and system should also ensure that the short sentences and paragraphs are readable to the end users.
Tested By:	2018CS80,84,85
Result	Expected results.

Test Case # 24

Test Case Title:
Testing for battery consumption

Preconditions	App should be installed on device
Actions	Examine the app and perform different task
Expected Results	System should use less battery while performing different tasks
Tested By:	2018CS80,84,85
Result	Expected result.

Test Case # 25

Test Case Title: Testing To validate that the closing of the application is performed from different states and verify if it re-opens in the same state.

Preconditions	User should be logged in
Actions	Close the app while performing a task and then re-open it after few minutes
Expected Results	The closing of the application should perform from different states and system should re-opens it in the same state.
Tested By:	2018CS80,84,85
Result	Expected results.