

				Date	15-Nov-22								
				Team ID	PNT2022TMD06905								
				Project Name	Project - Deep Learning Fundus Image Analysis for early detection of Diabetic Retinopathy								
				Maximum Marks	4 marks								
Test case ID	Feature Type	Component	Test Scenario	Pre-Requisite	Steps To Execute	Test Data	Expected Result	Actual Result	Status	Comments	TC for Automation (Y/N)	BUG ID	Executed By
AdminPage_TC_001	UI	AdminPage	Verify the UI elements in Adminpage displays	Admin credentials must be created priorly with the application	1.Enter URL and click go 2.Verify admin with below UI elements: a.RespondQueries button b. Update location button c.Logout button d.Image showing admin e.Description of the project		Application should show below UI elements: a.RespondQueries button b. Update location button c.Logout button d.Image showing admin e.Description of the project	Working as expected	Pass				Sudha R Nandhini M V
AdminPage_TC_002	UI	Home page	Verify whether navigations of admin page works properly	Admin credentials must be created priorly with the application	1.Enter URL and click go 2.Home page will be displayed 3.Click on login button 4.Will be redirected to the login page 5.Enter the credentials and click login 6.If it is an admin they will be redirected to the admin page on successful login		User should navigate to corresponding pages when clicked	Working as expected	Pass				Sudha R Nandhini M V
CloudCreation_TC_001	Functional	Database	Verify whether database is created		1.Sign in to the IBM cloud 2.Click on the ResourceList 3.Click on cloudant_m0 database 4.Check whether the database is created with the name given		Database being created	Working as expected	Pass				Vinetha R Gheyathri Devi V
Dashboard_TC_001	Non Functional	Prediction Page	Verify User can access the modify page from changing location details	User should already registered with the application and login with their credentials	1.From home page enter the login page through "Login" button 2.Enter your credentials and login 3.This will redirect to prediction page 4.Click the Modify button to enter the modify page to modify location		Should be able to enter the Modify page	Working as expected	Pass				Sudha R Nandhini M.V
Dashboard_TC_002	Non Functional	Prediction Page	Verify user can able to submit the form with new location updates.	User should already registered with the application	1.Enter the password and new location submit 2.click	password:bbbb newlocation:coimbatore	Should be able to submit the form and update database when password is correct for the user and display "updated"	Working as expected	Pass	Only four places like Coimbatore, Chennai, Madurai, Trichy are			Sudha R Nandhini M.V
Dashboard_TC_003	Non Functional	Prediction Page	Verify user cannot update on wrong password	User should already registered with the application	1.Enter the password and new location submit 2.click	password:abbb newlocation:chennai	Should not update the database and redirect the modify page and display "Invalid credentials"	Working as expected	Pass				Sudha R Nandhini M.V
Dashboard_TC_004	Non Functional	Prediction Page	Verify user cannot update when new location is current location	User should already registered with the application	1.Enter the password and new location submit 2.click	password:bbbb newlocation:coimbatore	Should not update and render the same page	Not working as expected	Fail				Sudha R Nandhini M.V
Dashboard_TC_005	Non Functional	Prediction Page	Verify user able to access location suggestion page	User should already registered with the application and login with their credentials	1.From home page enter the login page through "Login" button 2.Enter your credentials and login 3.This will redirect to prediction page 4.Click the Hospital's button to get hospital suggestions		User should be able to redirected to location suggestion page and find the suggested locations	Working as expected	Pass	Only four places like Coimbatore, Chennai, Madurai, Trichy are added for location			Sudha R Nandhini M.V
Dashboard_TC_006	Non Functional	Prediction Page	Verify user is given the suggestion only according to their current location	User should already registered with the application and login with their credentials	1.From home page enter the login page through "Login" button 2.Enter your credentials and login 3.This will redirect to prediction page 4.Click the Hospital's button to get hospital suggestions		Should get appropriate hospital suggestion	Working as expected	Pass				Sudha R Nandhini M.V

Dashboard_TC_07	Non Functional	Prediction Page	Verify after modification in location user able to get the location suggestions for the new location	User should already registered with the application and login with their credentials	1.From home page enter the login page through "Login" button 2.Enter your credentials and login 3.This will redirect to prediction page 4.Click the Hospital's button to get hospital suggestions		Should show the hospital's according to new locations	Working as expected	Pass				Sudha .R Nandhini.M.V
Database_TC_001	Non Functional	Admin page	Verify Admin can access the update hospital details	Admin should be valid	1.From home page enter the login page through "Login" button 2.Enter Admin credentials and login 3.This will redirect to admin page. 4.Click the update location button to update locations		Should render the update location page	Working as expected	Pass				Sudha .R Nandhini.M.V
Database_TC_002	Non Functional	Admin page	Verify Admin can enter the update details	Admin should be valid	1.Enter the hospital name ,location and contacts with the location detail and click submit	location:coimbatore hospital:Eye care hospital hospital location:VV.puram contact:9998877	Should able to submit and make update in database	Working as expected	Pass				Sudha .R Nandhini.M.V
Database_TC_003	Non Functional	Admin page	Verify Admin can add new hospital location	Admin should be valid	1.Enter the hospital name ,location and contacts with the location detail and click submit	location:coimbatore hospital:Vasan eye hospital hospital location:vadskoval contact:667788	Should able to Add new location	Working as expected	Pass				Sudha .R Nandhini.M.V
Forgot_password_TC_001	Functional	Login Page	Verify whether user able to access forgot password page	The user should registered earlier with the application	1.Go to Home page and click login button 2.In Login page Click on forgot password link		Should open a page which fetch for new credentials	Working as expected	Pass				Vinetha R Ghayathri Devi V
Forgot_password_TC_002	Functional	Forgot password page	Verify User able to submit the new credentials	The user should registered earlier with the application	1.Enter the phone number,security question,new password and confirm password 2.Click on Submit button	Phone.no:9876543210 Security question:dog newpassword:bbbb confirm password:bbbb	Should submit the details and display process successful	Working as expected	Pass				Vinetha R Ghayathri Devi V
Forgot_password_TC_003	Functional	Login Page	Verify whether User able to login with new credentials	The user should registered earlier with the application and the submission of new password should be successful	1.Enter the login page with Login button 2.Enter the credentials with new password 3.Submit the form	Phone.no:9876543210 password:bbbb	User should login with new password	Working as expected	Pass				Vinetha R Ghayathri Devi V
Forgot_password_TC_004	Functional	Forgot password page	Verify user able to update new password with correct phone number and correct answer to security questions and with matching new and confirm password	The user should registered earlier with the application	1.Enter the phone number,security question,new password and confirm password 2.Click on Submit button	Phone.no:9876543210 Security question:dog newpassword:bbbb confirm password:bbbb	User could Update new password in database	Working as expected	Pass				Vinetha R Ghayathri Devi V
Forgot_password_TC_005	Functional	Forgot password page	Verify user able to update with invalid credentials	The user should registered earlier with the application	1.Enter the phone number,security question,new password and confirm password 2.Click on Submit button	Phone.no:9876543210 Security question:cat newpassword:bbbb confirm password:bbbb	User could not Update new password in database and display "login with Valid credentials"	Working as expected	Pass				Vinetha R Ghayathri Devi V
HomePage_TC_001	UI	Home Page	Verify the UI elements in Homepage displays		1.Enter URL and click go 2.Verify homepage with below UI elements: a.Home button b. Register button c.Login button d.Image describing Diabetic Retinopathy e.Description of the project		Application should show below UI elements: a.Home button b. Register button c.Login button d.Image describing Diabetic Retinopathy e.Description of the project	Working as expected	Pass				Vinetha R Ghayathri Devi V
HomePage_TC_002	UI	Home page	Verify whether navigations work properly		1.Enter URL and click go 2.Home page will be displayed 3.Click on any of the various navigations like home,login,register.		User should navigate to corresponding pages when clicked	Working as expected	Pass				Vinetha R Ghayathri Devi V
HomePage_TC_003	UI	Home page	Verify whether navigation of query works properly		1.Enter URL and click go 2.Home page will be displayed 3.Click on query.		User should navigate to corresponding query page when clicked	Working as expected	Pass				Sudha R Nandhini M.V

LoginPage_TC_O01	Functional	Login page	Verify user is able to log into application with valid credentials	User should already be registered with the application	1.Enter URL and click go 2.Home page will be displayed 3.Click on login button 4.Will be redirected to the login page 5.Enter the credentials and click login	Phoneno:9876543210 Password:aaa	Application should redirect to Prediction page.	Working as expected	Pass				Vinetha R Ghayathri Devi V
LoginPage_TC_O02	Functional	Login page	Verify user is unable to log into application with invalid credentials	User should already be registered with the application	1.Enter URL and click go 2.Home page will be displayed 3.Click on login button 4.Will be redirected to the login page 5.Enter the credentials and click login	Phoneno:9876543210 Password:bbb Phoneno:9876543211 Password:aaa	Application should show 'Incorrect Password' if password is incorrect and should show 'Phone number not found' if the user logs in without Registration	Working as expected	Pass				Vinetha R Ghayathri Devi V
LoginPage_TC_O03	Functional	Login page	Verify whether admin is taken to corresponding admin page when logged in using valid credentials	Admin credentials must be created priorly with the application	1.Enter URL and click go 2.Home page will be displayed 3.Click on login button 4.Will be redirected to the login page 5.Enter the credentials and click login	Phoneno:admin Password:bbb logintype:admin	Application should redirect to admin page	Working as expected	Pass				Sudha R Nandhini M V
LoginPage_TC_O04	Functional	Login page	Verify whether admin is not taken to corresponding page when logged in using invalid credentials	Admin credentials must be created priorly with the application	1.Enter URL and click go 2.Home page will be displayed 3.Click on login button 4.Will be redirected to the login page 5.Enter the credentials and click login	Phoneno:admin Password:ccc logintype:admin Phoneno:admin Password:bbb logintype:user	Application should show 'Incorrect Password' if password is incorrect and should show 'Invalid logintype' if the user logs in with wrong logintype	Working as expected	Pass				Sudha R Nandhini M V
PredictionPage_TC_001	UI	Prediction Page	Verify the UI elements in Adminpage displays	The user must be registered priorly with the application and logged in	1.Enter URL and click go 2.Home page will be displayed 3.Click on login button 4.Will be redirected to the login page 5.Enter the credentials and click login 6.If it is an user they will be redirected to the prediction page on successful login		Application should show below UI elements: a.Home button b.Logout button c.File upload area d.Image showing different DR classification	Working as expected	Pass				Sudha R Nandhini M V
PredictionPage_TC_002	Functional	Prediction Page	Verify whether the model created predicts correct result when image of retina is given as input in file upload area	The user must be registered priorly with the application and logged in	1.Enter URL and click go 2.Home page will be displayed 3.Click on login button 4.Will be redirected to the login page 5.Enter the credentials and click login 6.If it is an user they will be redirected to the prediction page on successful login 7.Select the image to be uploaded and click on submit	File chosen:z406325360b1.png	Application should predict the correct type of DR (classification)(Moderate DR)	Working as expected	Pass				Sudha R Nandhini M V
Query_TC_001	Non-Functional	Home page	Verify whether user able access query page		1.Go to Home page and click query button		User should get the query page to post queries	Working as expected	Pass				Vinetha R Ghayathri Devi V
Query_TC_002	Non-Functional	Query page	Verify user is able to submit the query		1.Enter the phone number and query to be posted 2.Click submit button	Phone.no:9876543210 query:Need to have image file format to take result	Application should show 'Incorrect email or password' validation message.	Working as expected	Pass				Vinetha R Ghayathri Devi V
QueryPage_TC_001	Functional	Query page	Verify whether all the queries posted are visible		1.Enter URL and click go 2.Home page will be displayed 3.Click on query.		User should be able to see all the queries posted by everyone and responses so far	Working as expected	Pass				Sudha R Nandhini M V
QueryPage_TC_002	Functional	Query page	Verify whether the user is able to post his query and see it being displayed on the screen		1.Enter URL and click go 2.Home page will be displayed 3.Click on query. 4.Type phone number and query and press submit	Phone number:9876543210 Query:Please tell me the format of files to upload	User should be able to see his query submitted in the screen	Working as expected	Pass				Sudha R Nandhini M V

RegistrationPage_TC_OO1	Functional	Registration page	Verify user is able to register with the appropriate credentials if a new user		1.Enter URL and click go 2.Home page will be displayed 3.Click on Register button 4.Will be redirected to the registration page 5.Enter the credentials and click register	Name:xxx Email id:xxx@gmail.com Phoneno:9876543210 Location:yyy Password:aaa	Application should redirect to login page displaying "Registration successful please login using your credentials"	Working as expected	Pass				Vinetha R Ghayathri Devi V
RegistrationPage_TC_OO2	Functional	Registration page	Verify user is unable to register with the credentials if an old user		1.Enter URL and click go 2.Home page will be displayed 3.Click on Register button 4.Will be redirected to the registration page 5.Enter the credentials and click register	Name:xxx Email id:xxx@gmail.com Phoneno:9876543210 Location:yyy Password:aaa	Application should show "You are already a user login using your credentials"	Working as expected	Pass				Vinetha R Ghayathri Devi V
RegistrationPage_TC_OO3	Functional	Registration page	Verify User should be able to register with security question		1.Go to registration page and click register button 2.In register page ,enter the credentials with security questions	Name:xxx Email id:xxx@gmail.com phone no:9876543210 location yyyy security ques dog password:aaaa	Should be able to register with security questions	Working as expected	Pass				Vinetha R Ghayathri Devi V
RespondQueriesPage_TC_001	Functional	Respond Query page	Verify whether all the queries and responses posted are visible	Admin credentials must be created priorly with the application and logged in	1.Enter URL and click go 2.Home page will be displayed 3.Click on login button 4.Will be redirected to the login page 5.Enter the credentials and click login 6.If it is an admin they will be redirected to the admin page on successful login 7.Click on Respond Queries button		Admin should be able to see all the queries posted by everyone and responses so far	Working as expected	Pass				Sudha R Nandhini M V
RespondQueriesPage_TC_002	Functional	Respond Query page	Verify whether the admin is able to post his response and see it being displayed on the screen	Admin credentials must be created priorly with the application and logged in	1.Enter URL and click go 2.Home page will be displayed 3.Click on login button 4.Will be redirected to the login page 5.Enter the credentials and click login 6.If it is an admin they will be redirected to the admin page on successful login 7.Click on Respond Queries button	Request of:9876543210 Response:Any image format	Admin should be able to see his response posted in the screen	Working as expected	Pass				Sudha R Nandhini M V

	<b>Test Scenarios</b>
1	Verify whether database is created
2	Verify the UI elements in Homepage displays
3	Verify whether navigations work properly
4	Verify user is able to register with the appropriate credentials if a new user
5	Verify user is unable to register with the credentials if an old user
6	Verify user is able to log into application with valid credentials
7	Verify user is unable to log into application with invalid credentials
1	Verify User should able to register with security question
2	Verify whether user able to access forgot password page
3	Verify User able to submit the new credentials
4	Verify whether User able to login with new credentials
5	Verify user able to update new password with correct phone number and correct answer to security questions and with matching new and confirm password
6	Verify user able to update with Invalid credentials
7	Verify whether user able access query page
8	Verify user is able to submit the query
1	Verify whether navigation of query works properly
2	Verify whether all the queries posted are visible
3	Verify whether the user is able to post his query and see it being displayed on the screen
4	Verify whether admin is taken to corresponding admin page when logged in using valid credentials
5	Verify whether admin is not taken to corresponding page when logged in using invalid credentials
6	Verify the UI elements in Adminpage displays
7	Verify whether navigations of admin page works properly
8	Verify whether all the queries and responses posted are visible
9	Verify whether the admin is able to post his response and see it being displayed on the screen
10	Verify the UI elements in Adminpage displays
11	Verify whether the model created predicts correct result when image of retina is given as input in file upload area
1	Verify User can access the modify page fro changing location details
2	Verify user can able to submit the form with new location updates.
3	Verify user cannot update on wrong password
4	Verify user cannot update when new location is current location
5	Verify user able to access location sugesstion page
6	Verify user is given the sugesstion s only according to their current location
7	Verify after modification in location user able to get the location sugesstions for the new location
8	Verify Admin can access the update hospital details
9	Verify Admin can enter the updation details
10	Verify Admin can add new hospital location