

Date18-Nov-22

Team IDPNT2022TMID24646

Project NameA Novel Method for Handwritten Digit Recognition System

Maximum Marks4 marks

Test case ID	Feature Type	Component	Test Scenario	Steps To Execute	Test Data	Expected Result	Actual Result	Status	BUG ID	Executed By
HP_TC_001	UI	Home Page	Verify UI elements in the Home Page	1) Open the page 2) Check if all the UI elements are displayed	index.html	The Home page must be displayed properly	Working as expected	PASS		Jeya Yoga Lakshmi K
HP_TC_002	UI	Home Page	Check if the UI elements are displayed properly in different screen sizes	1) Open the page in a specific device 2) Check if all the UI elements are displayed properly 3) Repeat the above steps with different device sizes	-- Screen Sizes -- 2560 x 1801 1440 x 970 1024 x 840 768 x 630 320 x 630	The Home page must be displayed properly in all sizes	Working as expected	PASS		
HP_TC_003	Functional	Home Page	Check if user can upload their file	1) Open the page 2) Click on choose file button 3) Select the input image	Sample 1.png	The input image should be uploaded to the application successfully	Working as expected	PASS		
HP_TC_004	Functional	Home Page	Check if user cannot upload unsupported files	1) Open the page 2) Click on choose file button 3) Select a random input file	installer.exe	The application should not allow user to select a non image file	Working as expected	PASS		
HP_TC_005 M_TC_001	Functional Functional Functional	Home Page Model	Check if the page redirects to the result page once the input is given Check if all the routes are working properly Check if the model can handle various image sizes	1) Open the page 2) Click on choose file button 3) Select the input image 4) Check if the page redirects 1) Go to Home Page 2) Upload the input image 3) Check the results page 1) Open the page in a specific device 2) Upload the input image 3) Repeat the above steps with different input image	Sample 1.png Sample 1.png Sample 1.png Sample 1 XS.png Sample 1 XL.png	The page should redirect to the results page All the routes should properly work The model should rescale the image and predict the results	Working as expected Working as expected Working as expected	PASS PASS PASS		Kavyashree N V
M_TC_002	Functional	Model	Check if the model predicts the digit	1) Open the page 2) Click on choose file button 3) Select the input image 4) Check the results	Sample 1.png	The model should predict the number	Working as expected	PASS		Kousalya B
M_TC_003	Functional	Model	Check if the model can handle complex input image	1) Open the page 2) Click on choose file button 3) Select the input image 4) Check the results	Complex Sample.png	The model should predict the number in the complex image	The model fails to identify the digit since the model is not built to handle such data	FAIL	BUG_M_001	
RP_TC_001	UI	Result Page	Verify UI elements in the Result Page	1) Open the page 2) Click on choose file button 3) Select the input image 4) Check if all the UI elements are displayed properly	Sample 1.png	The Result page must be displayed properly	Working as expected	PASS		Madhusree M P Kavyashree N V Kousalya B
RP_TC_002	UI	Result Page	Check if the input image is displayed properly	1) Open the page 2) Click on choose file button 3) Select the input image 4) Check if the input image are displayed	Sample 1.png	The input image should be displayed properly	The size of the input image exceeds the display container	PASS		
RP_TC_003	UI	Result Page	Check if the result is displayed properly	1) Open the page 2) Click on select button 3) Select the input image 4) Check if the result is displayed	Sample 1.png	The result should be displayed properly	Working as expected	PASS		
RP_TC_004	UI	Result Page	Check if the other predictions are displayed properly	1) Open the page 2) Click on choose file button 3) Select the input image 4) Check if all the other predictions are displayed	Sample 1.png	The other predictions should be displayed properly	Working as expected	PASS		Madhusree M P