

				Date	12-Nov-22								
				Team ID	PNT2022TMID13012								
				Project Name	A Novel Method for Handwritten Digit Recognition System								
				Maximum Marks	4 marks								
Test case ID	Feature Type	Component	Test Scenario	Pre-Requisite	Steps To Execute	Test Data	Expected Result	Actual Result	Status	Commnets	TC for Automation(Y/N)	BUG ID	Executed By
HOME PAGE 1	Functional	HOME PAGE	Verify whether the user is able to use the recognize button		1. run the application in synder application using flask 2. check Wheter the recognize button is working	https://github.com/IBM-EPBL/IBM-Project-12564-1659453958/tree/main/Final%20Deliverables	Predict page should open	Working as expected	Pass				Ayush Srikanth Goutham DT Lavaniya H Gayathri M
HOME PAGE 2	Functional	Home Page	Verify whether the user is able to use the home button		1. run the application in synder application using flask 2. check Wheter the Home button is working	https://github.com/IBM-EPBL/IBM-Project-12564-1659453958/tree/main/Final%20Deliverables	Home page should open	Working as expected	Pass				Goutham DT Lavaniya H Ayush Srikanth Gayathri M
Predict page 1	Functional	Home page	Verify whether the predict page is opening		1. run the applcation in synder application using flask 2. check Wheter the button is working 3. verify whether the predict page is opening up	https://github.com/IBM-EPBL/IBM-Project-12564-1659453958/tree/main/Final%20Deliverables	Predict page should open properly	Working as expected	Pass				Ayush Srikanth Goutham DT Lavaniya H Gayathri M
Predict page 2	Functional	Predict Page	Verify if we are able to upload the file to be recognized		1. run the application in synder application using flask 2. check Wheter the button is working 3. verify whether the predict page is opening up 4. choose upload file option and check whether user is able to upload a file .	https://github.com/IBM-EPBL/IBM-Project-12564-1659453958/tree/main/Final%20Deliverables	Choosen File should be uploaded	Working as expected	Pass				Goutham DT Lavaniya H Ayush Srikanth Gayathri M
Predict Page 3	UI	Predict Page	Verify whether user is able to view the preview the image which is being uploaded.		1. run the applcation in synder application using flask 2. check Wheter the button is working 3. verify whether the predict page is opening up 4. choose upload file option and check whether user is able to upload a file . 5. Check whether we are able to view a preview of the file which is being uploaded.	https://github.com/IBM-EPBL/IBM-Project-12564-1659453958/tree/main/Final%20Deliverables	A preview of the image should be viewed in the predic tpage	Working as expected	Pass				Ayush Srikanth Goutham DT Lavaniya H Gayathri M
Predict Page 4	Functional	Predict Page	Verify whether user is able use the recognize button		1. run the application in synder application using flask 2. check Wheter the button is working 3. verify whether the predict page is opening up 4. choose upload file option and check whether user is able to upload a file . 5. Check whether we are able to view a preview of the file which is being uploaded. 6. verify whether the recognize button is working or not.	https://github.com/IBM-EPBL/IBM-Project-12564-1659453958/tree/main/Final%20Deliverables	It should move from predict page to result page.	Working as expected	Pass				Goutham DT Lavaniya H Ayush Srikanth Gayathri M
Predict Page 5	Functional	Predict Page	Verify whether it validates the file		1. run the applcation in synder application using flask 2. check Wheter the button is working 3. verify whether the predict page is opening up 4. choose upload file option and check whether user is able to upload a file . 5. Check whether we are able to view a preview of the file which is being uploaded. 6. verify whether the recognize button is validating the file presence.	https://github.com/IBM-EPBL/IBM-Project-12564-1659453958/tree/main/Final%20Deliverables	it should validate the file uploaded	Working as expected	Pass				Ayush Srikanth Goutham DT Lavaniya H Gayathri M

Main python program	Functional	main.py	verify whether it accepts the file uploaded and store it in a variable		1. run the application in synder application using flask 2. check Whether the button is working 3. verify whether the predict page is opening up 4. choose upload file option and check whether user is able to upload a file . 5. Check whether we are able to view a preview of the file which is being uploaded. 6. verify whether the recognize button is validating the file presence. 7. verify whether python program accepts the file loaded	https://github.com/IBM-EPBL/IBM-Project-12564-1659453958/tree/main/Final%20Deliverables	check whether the file is reshaped and stored as avriable in main.py	Working as expected	Pass					Goutham DT Lavaniya H Ayush Srikanth Gayathri M
Main python program	Fucntional	main.py	verify whether it loads the dataset and predict the digit		1. run the application in synder application using flask 2. check Whether the button is working 3. verify whether the predict page is opening up 4. choose upload file option and check whether user is able to upload a file . 5. Check whether we are able to view a preview of the file which is being uploaded. 6. verify whether the recognize button is validating the file presence. 7. verify whether python program accepts the file loaded. 8. verify whether it loads the dataset and predict the digit	https://github.com/IBM-EPBL/IBM-Project-12564-1659453958/tree/main/Final%20Deliverables	check whether the file loads the dataset and predict the digit	Working as expected	Pass					Ayush Srikanth Goutham DT Lavaniya H Gayathri M
Result page	Functional	result page	Verify whether the result is displayed		1. run the application in synder application using flask 2. check Whether the button is working 3. verify whether the predict page is opening up 4. choose upload file option and check whether user is able to upload a file . 5. Check whether we are able to view a preview of the file which is being uploaded. 6. verify whether the recognize button is validating the file presence. 7. verify whether python program accepts the file loaded. 8. verify whether it loads the dataset and predict the digit 9. Verify whether it shows the result page.	https://github.com/IBM-EPBL/IBM-Project-12564-1659453958/tree/main/Final%20Deliverables	check whether the result page is displayed.	Woeking as expected	Pass					Ayush Srikanth Goutham DT Lavaniya H Gayathri M
Result page	Functional	result page	Verify whether the result displayed is correct		1. run the application in synder application using flask 2. check Whether the button is working 3. verify whether the predict page is opening up 4. choose upload file option and check whether user is able to upload a file . 5. Check whether we are able to view a preview of the file which is being uploaded. 6. verify whether the recognize button is validating the file presence. 7. verify whether python program accepts the file loaded. 8. verify whether it loads the dataset and predict the digit 9. Verify whether it displays the correct answer.	https://github.com/IBM-EPBL/IBM-Project-12564-1659453958/tree/main/Final%20Deliverables	check whether the result page displays the correct answer	Working as expected	Pass					Goutham DT Lavaniya H Ayush Srikanth Gayathri M

[illegible]

Expected Result
Predict page should open
Home page should open
Predict page should open properly
Chosen File should be uploaded
A preview of the image should be viewed in the predict page
It should move from predict page to result page.
it should validate the file uploaded
check whether the file is reshaped and stored as variable in main.py
check whether the file loads the dataset and predict the digit
check whether the result page is displayed.
check whether the result page displays the correct answer
check whether the result page contains the upload again button

Test Scenario
Verify whether the user is able to use the recognize button
Verify whether the user is able to use the home button
Verify whether the predict page is opening
Verify if we are able to upload the file to be recognized
Verify whether user is able to view the preview the image which is being uploaded.
Verify whether user is able to use the recognize button
Verify whether it validates the file
verify whether it accepts the file uploaded and store it in a variable
verify whether it loads the dataset and predict the digit
Verify whether the result is displayed
Verify whether the result displayed is correct
verify whether the upload again page maps to the predict page again