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| | | | | Date | 12-Nov-22 | | | | | | | | |
| | | | | Team ID | PNT2022TMID49379 | | | | | | | | |
| | | | | 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 | |
| HOME PAGE 1 | Functional | HOME PAGE | Verify whether the user is able to use the recognize button | | 1. run the aplication in sypder application using flask 2. check Wheter the recognize button is working | https://github.com/IBM-EPBL/IBM-Project-4046-1658681626 | Predict page should open | Working as expected | Pass | | | | Pandiselvi, preethika,Delxsana ,sneha Priyanka, Abina |
| HOME PAGE 2 | Functional | Home Page | Verify whether the user is able to use the home button | | 1. run the application in sypder application using flask 2. check Wheter the Home button is working | https://github.com/IBM-EPBL/IBM-Project-4046-1658681626 | Home page should open | Working as expected | Pass | | | | Pandiselvi, preethika,Delxsana ,sneha Priyanka, Abina |
| Predict page 1 | Functional | Home page | Verify whether the predict page is opening | | 1. run the application in sypder 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-4046-1658681626 | Predict page should open properly | Working as expected | Pass | | | | Pandiselvi, preethika,Delxsana ,sneha Priyanka, Abina |
| Predict page 2 | Functional | Predict Page | Verify if we are able to upload the file to be recognized | | 1. run the aplication in sypder 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-4046-1658681626 | Chooosen File should be uploaded | Working as expected | Pass | | | | Pandiselvi, preethika,Delxsana ,sneha Priyanka, Abina |
| Predict Page 3 | UI | Predict Page | Verify whether user is able to view the preview the image which is being uploaded. | | 1. run the application in sypder 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-4046-1658681626 | A preview of the image should be viewed in the predic tpage | Working as expected | Pass | | | | Pandiselvi, preethika,Delxsana ,sneha Priyanka, Abina |
| Predict Page 4 | Functional | Predict Page | Verify whether user is able use the recognize button | | 1. run the application in sypder 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-4046-1658681626 | It should move from predict page to result page. | Working as expected | Pass | | | | Pandiselvi, preethika,Delxsana ,sneha Priyanka, Abina |
| Predict Page 5 | Functional | Predict Page | Verify whether it validates the file | | 1. run the application in sypder 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-4046-1658681626 | it should validate the file uploaded | Working as expected | Pass | | | | Pandiselvi, preethika,Delxsana ,sneha Priyanka, Abina |

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| 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 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. 7. verify whether python program accepts the file loaded | https://github.com/IBM-EPBL/IBM-Project-4046-1658681626 | check whether the file is reshaped and stored as avriable in main.py | Working as expected | Pass | | | | Pandiselvi, preethika,Delxsana ,sneha Priyanka, Abina |
| 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 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. 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-4046-1658681626 | check whether the file loads the dataset and predict the digit | Working as expected | Pass | | | | Pandiselvi, preethika,Delxsana ,sneha Priyanka, Abina |
| Result page | Functional | result page | Verify whether the result is displayed | | 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 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-4046-1658681626 | check whether the result page is displayed. | Woeking as expected | Pass | | | | Pandiselvi, preethika,Delxsana ,sneha Priyanka, Abina |

| Expected Result |
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| 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 |

