

|                      |              |                 |   | Date   | 3-Nov-22  |   |  |                     |        |          |                        |        |                   |
|----------------------|--------------|-----------------|---|--|---|---|--|---------------------|--------|----------|------------------------|--------|-------------------|
|                      |              |                 |   | Team ID  | PNT2022TMID35588  |   |  |                     |        |          |                        |        |                   |
|                      |              |                 |   | Project Name   | Project - A Novel Method for Hand   |   |  |                     |        |          |                        |        |                   |
|                      |              |                 |   | 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       |
| IndexPage_TC_OO1     | UI           | Home Page       | Verify the index page loads and the appropriate UI elements are rendered  | -  | 1.Enter the url (localhost:5000 for local deployment) in the browser  | -   | Index Page is displayed and the components such as page header, body content, Image Upload (Choose File) button and Predict buttons are rendered properly.   | Working as expected | Pass   | -        | -                      |        | Avinash Krishna B |
| DataUpload_TC_OO2    | Functional   | Home Page       | Verify that the user is able to upload the image by clicking on the "Choose File" button and that the user is able to select the image to be uploaded by choosing from their local file system                    | -  | 1.Enter URL in the browser search bar<br>2.Click on the "Choose File" button present in the index page<br>3.Choose an image file to upload from the local file system.<br>4.Check if the preview of the uploaded image is displayed in the index page   | <a href="https://drive.google.com/file/d/1hFOi-A1Dlh9lyeYC4MZs4Az7tvogIWMG/view?usp=sharing">https://drive.google.com/file/d/1hFOi-A1Dlh9lyeYC4MZs4Az7tvogIWMG/view?usp=sharing</a> | 1.Index page is displayed along with other UI components.<br>2.On clicking the "Choose File" button, the user is able to upload an image from their local file system.<br>3.On uploading the image, a preview of the image is displayed to the user.                                 | Working as expected | Pass   | -        | -                      |        | Kalaiselvan S     |
| Prediction_TC_OO3    | Functional   | Prediction page | Verify that the uploaded image is fed to the model and the prediction is displayed to the user. Additionally, the uploaded image along with bounding boxes around the individual digits should also be displayed. | Image should have been uploaded by the user using the "Choose File" button                   | 1.Enter URL in the browser search bar<br>2.Click on the "Choose File" button present in the index page<br>3.Choose an image file to upload from the local file system.<br>4.Click on the "Predict" button.<br>5.On the predict page, check if the predicted digit sequence is displayed along with the uploaded image with bounding boxes around individual digits. | <a href="https://drive.google.com/file/d/1hFOi-A1Dlh9lyeYC4MZs4Az7tvogIWMG/view?usp=sharing">https://drive.google.com/file/d/1hFOi-A1Dlh9lyeYC4MZs4Az7tvogIWMG/view?usp=sharing</a> | * The displayed predicted digit sequence is "1 1 4"<br>* The image displayed should look as :<br><a href="https://drive.google.com/file/d/1DnaGaaxSFbykbVZyjCAv7JbZAqrTkqHP/view?usp=sharing">https://drive.google.com/file/d/1DnaGaaxSFbykbVZyjCAv7JbZAqrTkqHP/view?usp=sharing</a> | Working as expected | Pass   | -        | -                      |        | Hrithik Viknesh B |
| Invalid_Image_TC_OO4 | Functional   | Prediction page | Verify if the application responds properly to invalid input images such as images containing no digits or just noise.  | Image should have been uploaded by the user using the "Choose File" button on the index page | 1.Enter URL in the browser search bar<br>2.Click on the "Choose File" button present in the index page<br>3.Choose an image file to upload from the local file system.<br>4.Click on the "Predict" button.<br>5.On the predict page, check if the predicted digit sequence is displayed as "No digits detected" and the uploaded image is displayed as such.        | <a href="https://drive.google.com/file/d/11le73iC5iSmfMatqnKCXcZrdxlz9PYI4/view?usp=sharing">https://drive.google.com/file/d/11le73iC5iSmfMatqnKCXcZrdxlz9PYI4/view?usp=sharing</a> | The prediction page displays the prediction as "No digits detected" and the input image is displayed as such.  | Working as expected |        |          |                        |        | Praveen R         |