| **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 | 127.0.0.1:8000 | The Home page must be displayed properly | Working as expected | PASS |  | Kaviarasu  Karuna |
| 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 | The UI is not displayed properly in screen size 2560 x 1801 and 768 x 630 | FAIL | BUG\_HP\_001 | Karuna  Kaviarasu |
| HP\_TC\_003 | Functional | Home Page | Check if user can upload their file | 1. Open the page 2. Click on select button 3. Select the input image | Sample 1.png | The input image should be uploaded to the application successfully | Working as expected | PASS |  | Kaviarasu  Karuna  Rahul |
| HP\_TC\_004 | Functional | Home Page | Check if user cannot upload unsupported files | 1. Open the page 2. Click on select button 3. Select a random input file | installer.exe | The application should not allow user to select a non image file | User is able to upload any file | FAIL | BUG\_HP\_002 | Kaviarasu  Karuna |
| HP\_TC\_005 | Functional | Home Page | Check if the page redirects to the result page once the input is given | 1. Open the page 2. Click on select button 3. Select the input image 4. Check if the page redirects | Sample 1.png | The page should redirect to the results page | Working as expected | PASS |  | kaviarasu  karuna |
| BE\_TC\_001 | Functional | Backend | Check if all the routes are working properly | 1. Go to Home Page 2. Upload the input image 3. Check the reults page | Sample 1.png | All the routes should properly work | Working as expected | PASS | Kaviarasu  Karuna  Rahul |
| M\_TC\_001 | Functional | Model | Check if the model can handle various image sizes | 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 XS.png  Sample 1 XL.png | The model should rescale the image and predict the results | Working as expected | PASS | Kaviarasu  Karuna  Rahul |
| M\_TC\_002 | Functional | Model | Check if the model predicts the digit | 1. Open the page 2. Click on select button 3. Select the input image 4. Check the results | Sample 1.png | The model should predict the number | Working as expected | PASS |  | Kaviarasu  Karuna  Rahul |
| M\_TC\_003 | Functional | Model | Check if the model can handle complex input image | 1. Open the page 2. Click on select button 3. Select the input image 4. Check the results | Complex Sample.png | The model should predict the number in the compex image | The model fails to identify the digit since the model is not built to handle such data | FAIL | BUG\_M\_001 | Kaviarasu  Karuna  Rahul |
| RP\_TC\_001 | UI | Result Page | Verify UI elements in the Result Page | 1. Open the page 2. Click on select button 3. Select the input image 4. Checkif all the UI elements are displayed properly | Sample 1.png | The Result page must be displayed properly | Working as expected | PASS |  | Kaviarasu  Karuna |
| RP\_TC\_002 | UI | Result Page | Check if the input image is displayed properly | 1. Open the page 2. Click on select 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 imput image exceeds the display container | FAIL | BUG\_RP\_001 | Kaviarasu  Karuna |
| 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 |  | Kaviarasu  Karuna |
| RP\_TC\_004 | UI | Result Page | Check if the other predictions are displayed properly | 1. Open the page 2. Click on select 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 |  | Kaviarasu  Karuna |