16 November 2022 A Gesture-based Tool for Sterile Browsing of Radiology Images PNT2022TMID08601

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| **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        HP\_TC\_002 | UI        UI | Home Page        Home Page | Verify UI elements in the Home Page        Check if the UI elements are displayed properly in different screen sizes | 1. Open the page 2. Check if all the UI elements are   displayed     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 | 127.0.0.1:8000      -- Screen Sizes --2560x 1801  1440 x 970  1024 x 840  768 x 630  320 x 630 | The Home page must be displayed properly        The Home page must be displayed properly in all sizes | Working as expected        The UI is not displayed properly in screen size 2560 x 1801 and 768  x 630 | PASS        FAIL | BUG\_HP\_001 | Kathirvel S  Vishnu L      Kathirvel S  Vishnu L |
| HP\_TC\_003 | 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. Click on web camera 4. Check if the page redirects | Camera feed | The page should redirect to the results page | Working as expected | PASS |  | Sudharsanam D  Kirthik Vaishnav A D |
| BE\_TC\_001 | Functional | Backend | Check if all the routes are working properly | 1. Go to Home Page 2. Click on web camera 3. Check the results page | Camera feed | All the routes should properly work | Working as expected | PASS |  | Sudharsanam D  Kirthik Vaishnav A D |
| M\_TC\_001 | Functional | Model | Check if the model can handle various image | 1. Open the page in a specific device 2. Click on Web Camera 3. Repeat the above steps with different images | Camera feed | The model should rescale the image and predict the results | Working as expected | PASS |  | Sudharsanam D  Kirthik Vaishnav A D |
| M\_TC\_002 | Functional | Model | Check if the model predicts the disaster | 1. Open the page 2. Click on Web Camera 3) Check the results | Camera feed | The model should predict the disaster | Working as expected | PASS | BUG\_M\_001 | Sudharsanam D  Kirthik Vaishnav A D |
| M\_TC\_003 | Functional | Model | Check if the model can handle complex input | 1. Open the page 2. Click on Web Camera 3. Check the results | Complex camera feed | The model should predict the disaster in the compex feed | The model fails to identify it sincethe model is not builtto handle such data | FAIL |  | Sudharsanam D  Kirthik Vaishnav A D |
| RP\_TC\_001 | UI | Result Page | Verify UI elements in the Result Page | 1. Open the page 2. Click on Web Camera 3. Check if all the UI elements are displayed properly | Camera feed | The Result page must be displayed properly | Working as expected | PASS |  | Kathirvel S  Vishnu L |
| RP\_TC\_002 | UI | Result Page | Check if the result is displayed properly | 1. Open the page 2. Click on Web Camera 3. Check if the result is displayed | Camera feed | The result should be displayed properly | Working as expected | PASS |  | Kathirvel S  Vishnu L |
| RP\_TC\_003 | UI | Result Page | Check if the other predictions are displayed properly | 1. Open the page 2. Click on Web Camera 3. Check if all the other predictions are displayed | Camera feed | The other predictions should be displayed properly | Working as expected | PASS |  | Kathirvel S  Vishnu L |