Testcase Report

Date	15 November 2022
Team ID	PNT2022TMID39414
Project Name	Natural disaster intensity analysis and classification using artificial intelligence.
Maximum Marks	10 Marks

Test case ID	Feature Type	Component	Test Scenario	Steps To Execute	Test Data	Expected Result	Actual Result	Status	Bug ID	Executed By
HP_TC_OO1	UI	Home Page	Verify the UI elements in the Home Page	1) Open the page 2) Check if all the UI elements are displayed in the home page	138.0.0.1:5000	The Home page must be displayed perfectly	Working as expected	Pass		Nitheesh B Janani D
HP_TC_OO2	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_TC_OO1	Janani D Ragavi S
HP_TC_OO3	Functional	Home page	Check if user can upload their file	1) Open the page 2) Click on select button 3) Select the input image	Sample1.png	The input image should be uploaded to the application successfully	Working as expected	Pass		Dinesh kumar K

HP_TC_OO4	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_TC_OO2	Ragavi S
HP_TC_OO4	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	Sample1.png	The page should redirect to the results page	Working as expected	Pass		Nitheesh B
BE_TC_OO1	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	Sample1.png	All the routes should properly work	Working as expected	Pass		Janani D
M_TC_OO1	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	Sample1.png Sample1 XS.png Sample1 XL.png	The model should rescale the image and predict t+G10+G8	Working as expected	Pass		Dinesh kumar K
M_TC_OO2	Functional	Model	Check if the model predicts the cyclone intensity	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 cyclone intensity	Working as expected	Pass		Ragavi S
M_TC_OO3	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 cyclone intensity in the compex image	The model fails to identify the intensity since the model is not built to handle such data	Fail		Nitheesh B Janani D

RP_TC_OO1	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		Dinesh kumar K Ragavi S
RP_TC_OO2	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 displaye	Sample 1.png	The result should be displayed properly	Working as expected	Pass		Janani D Ragavi S
RP_TC_OO3	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		Nitheesh B* Ragavi S