

| Date: 17 Nov 22 | | | | | | | | | | | | | |
|---|--------------|-----------|--|--|--|-------------------------------------|--|--|--------|--|------------------------|--------|----------------|
| Team ID: PNT0027M045966 | | | | | | | | | | | | | |
| Project Name: Project - Digital Naturalist - AI Enabled tool for Biodiversity Researchers | | | | | | | | | | | | | |
| 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 |
| Webpage_TC_001 | UI | Home Page | Verify the user is able to view the page | 1. Latest web browser 2. Proper Internet Connection | 1. Enter the url of the website and click go 2. Verify the webpage is loading or not | no test data required | The webpage should be visible to the user | The webpage is visible | Pass | The test case passed without any issues | Y | 1 | Gokul R |
| Webpage_TC_002 | UI | Home Page | Verify the page is responsive for all devices | 1. Mobile device 2. Desktop device 3. Tablet device 4. Web browser and internet connection | 1. Enter the url of the website and click go 2. Verify the webpage is loading properly with proper alignments in all the devices | no test data required | The webpage should be visible to the user | The webpage is visible in all the devices | Pass | The test case passed without any issues | Y | 2 | Dinesh Kumar T |
| Webpage_TC_003 | UI | Home Page | Verify the UI elements in upload work | 1. Latest web browser 2. Proper Internet Connection | 1. Enter the url of the website and click go 2. After the page loaded Successfully click the upload button | Sample Species's images for testing | The webpage should accept the image from the user | The webpage accepts the user input | Pass | The test case passed without any issues | Y | 3 | Baranidharan N |
| Webpage_TC_004 | UI | Home Page | Verify the page is responding for every user action | 1. Latest web browser 2. Proper Internet Connection | 1. Enter the url of the website and click go 2. Verify the webpage is loading and working properly during the upload and predict | Sample Species's images for testing | The webpage should be stable during the upload and predicting procedure | The webpage is responding stably | Pass | The test case passed without any issues | Y | 4 | Abhishek S |
| Webpage_TC_005 | UI | Home Page | Verify the app accepts only image formats | 1. Latest web browser 2. Proper Internet Connection | 1. Enter the url of the website and click go 2. After page loading try to upload non image formats such as pdf, xml, or any audio or video file | non image data | The webpage should reject the user input and prompts the user to upload proper image data for predicting | The webpage prompted with an error message when wrong filetype is uploaded | Pass | The test case passed without any issues | Y | 5 | Gokul R |
| Flask_TC_001 | Functional | Flask app | Verify the flask app uses the saved model | 1. Latest web browser 2. Proper Internet Connection | 1. Enter the url of the website and click go 2. Verify the webpage is accepting inputs and predicting according to the category of the animal | Sample Species's images for testing | The webpage should predict the animal properly | The webpage predicts the animal accurately | Pass | The test case passed without any issues, but it requires more dataset to predict the animal accurately | Y | 6 | Gokul R |
| Flask_TC_002 | Functional | Flask app | Verify the uploaded image is saved on the server | 1. Latest web browser 2. Proper Internet Connection 3. Storage in the server for storing the uploaded image | 1. Enter the url of the website and click go 2. After page loading try to upload the image and wait | Sample Species's images for testing | The website should accept the image data and save it locally on the server | The app stored the image successfully | Pass | The test case passed without any issues, but storage will be a issue in future when the storage overflowed | Y | 7 | Jagan P |
| Flask_TC_003 | Functional | Flask app | Verify the uploaded image can be retrieved from the storage | 1. Latest web browser 2. Proper Internet Connection 3. Storage in the server where the uploaded image can be retrieved | 1. Enter the url of the website and click go 2. Verify the webpage is accepting inputs and predicting according to the category of the animal | Sample Species's images for testing | The web app should be able to store and retrieve the image that is uploaded by the user | The app retrieved the image successfully | Pass | The test case passed without any issues. | Y | 8 | Dinesh Kumar T |
| Flask_TC_004 | Functional | Flask app | Verify the app redirects the user to appropriate species's wikipedia page after predicting | 1. Latest web browser 2. Proper Internet connection 3. Sample Species's images to test | 1. Enter the url of the website and click go. 2. Verify the page is redirecting to appropriate species's webpage | Sample Species's images for testing | The web app should redirect to the appropriate species's wikipedia | The app redirected successfully | Pass | The test case passed without any issues | Y | 9 | Abhishek S |