

| Test case ID | Feature Type | Component |
|----------------------------|--------------|-----------------------------|
| LandingPage_TC_OO1 | UI | Home Page |
| LandingPage_TC_OO2 | UI | Home Page |
| ImagePage_TC_OO1 | Functional | Image page |
| ImagePage_TC_OO2 | Functional | Image page |
| ImagePage_TC_OO3 | Functional | Image page |
| ImagePredictionPage_TC_OO1 | Functional | Image Prediction page |
| ImagePredictionPage_TC_OO2 | Functional | Image Prediction Page |
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| | Date |
| | Team ID |
| | Project Name |
| | Maximum Marks |
| Test Scenario | Pre-Requisite |
| Verify the Random food API works properly | |
| Verify the UI renders the "Predict" button in the navbar | |
| Verify user is able to upload images | |
| Verify user has an option only to select images from his device | |
| Verify user is able to preview the uploaded image | |
| Verify the model is able to make predictions with the image uploaded by the user | Verify the libraries for prediction are available in the test environment. |
| Verify the Nutrition API is able to fetch the nutritional content for the predicted fruit | Verify the libraries for prediction are available in the test environment. |
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| 24-Nov-22 | |
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| PNT2022TMID37024 | |
| AI POWERED NUTRITION ANALYZER FOR FITNESS ENTHUSIASTS | |
| 4 marks | |
| Steps To Execute | Test Data |
| 1.Enter URL and click go | http://127.0.0.1:5000 |
| 1.Enter URL and click go | http://127.0.0.1:5000/ |
| 1.Enter URL and click go 2.Click on Predict button in the navbar. 3. Click "Choose" | http://127.0.0.1:5000/ |
| 1. Enter URL and click go 2.Click on Predict button in the navbar. 3. Click "Choose" | http://127.0.0.1:5000/ |
| 1.Enter URL(http://127.0.0.1:5000/) and click go Click on Predict button in the navbar. 3. Click "Choose" 4. Upload any image of a fruit. 5. Click "Preview". | Any image of a fruit |
| 1.Enter URL(http://127.0.0.1:5000/) and click go Click on Predict button in the navbar. 3. Click "Choose" 4. Upload any image of a fruit. 5. Click "Predict". | Any image of a fruit |
| 1.Enter URL(http://127.0.0.1:5000/) and click go Click on Predict button in the navbar. 3. Click "Choose" 4. Upload any image of a fruit. 5. Click "Predict". | Any image of a fruit |
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| Expected Result | Actual Result | Status | Commnets |
|---|---------------------|--------|----------|
| Any random food image should appear as background | Working as expected | Pass | |
| The "Predict" button that takes users to the prediction page renders properly. | Working as expected | Pass | |
| User should be able to choose the image from his machine through File Explorer. | Working as expected | Pass | |
| The File Manager should display only images for the user to select from. | Working as expected | Pass | |
| The page should display the image of the fruit the user uploaded for prediction. | Working as expected | Pass | |
| The application takes the user to the Image Prediction page and displays the name of the predicted page | Working as expected | Pass | |
| The page should display the nutritional content of the predicted fruit in a nicely formatted tabular manner | Working as expected | Pass | |
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