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| Date | 24 November 2022 |
| Team ID | PNT2022TMID46313 |
| Project Name | Project - Classification of Arrhythmia by Using Deep Learning with 2-D ECG Spectral Image Representation |
| Maximum Marks | 4 Marks |

TEST CASES

| TestCase ID | Feature Type | Component | Test Scenario | Pre-Requisite | Steps To Execute | Test Data |
|-------------|----------------|------------------|--|---------------------------------------|--|---|
| TC_001 | User Interface | Home Page | verify the user is able to see the contents of the home page of the application | The user should have application link | 1.Enter into the application | Our Application in local system or its link |
| TC_002 | User Interface | Home Page | verify the user is able to scroll the web page and able to view the entire content | The user should have application link | 1.Enter into the application 2.Scroll down the application till the end | Our Application in local system or its link |
| TC_003 | User Interface | Home Page | verify the user is able to view the GIFs displayed in a proper manner | The user should have application link | 1.Enter into the application 2.Scroll down the application till the end 3.View the GIF displayed 4.See the Thank message displayed. | Our Application in local system or its link |
| TC_004 | Functionality | Information Page | Verify that the user is able to navigate to Information page from the home page and the view its content | The user should have application link | 1.Enter into the application 2.Click on the info page link displayed on the home page 3.View the contents of the information page | Our Application in local system or its link |

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|--------|---------------|-----------------|--|---------------------------------------|--|
| TC_005 | Functionality | Prediction Page | Verify that the user is able to navigate to the prediction page from the information page or home page and also able to view the contents of the prediction page | The user should have application link | 1.Enter into the application 2.Click on the prediction page link displayed on the home page 3.View the contents of the prediciton page |
| TC_006 | Functionality | Prediction Page | Verify that the user is able to upload only a image file in the prediction page | Only image file | 1.Enter into the application 2.Click on the prediction page link displayed on the home page 3.View the contents of the prediciton page 4.Upload a image file |
| TC_007 | Functionality | Prediction Page | Verify that the user is able to upload a image file in the prediction page in both jpg or png format | Any image file in jpg or png format | 1.Enter into the application 2.Click on the prediction page link displayed on the home page 3.View the contents of the prediction page 4.Upload a jpg/png image file of the ECG |
| TC_008 | Functionality | Prediction Page | Verify that the user is getting the exact result of their arrhythmia type accurately | Any image file in jpg or png format | 1.Enter into the application 2.Click on the prediction page link displayed on the home page 3.View the contents of the prediction page 4.Upload a jpg/png image file of the ECG 5.Verify that the uploaded image's type is predicted accurately wihtout misprediction. |

| Expected Result | Actual Result | Status | Comments | TC for Automation(Y/N) | BUG ID | Executed By |
|--|---------------------|--------|----------|------------------------|----------------------|-------------|
| User should able the open our application and then see its content | Working as expected | Pass | Nil | N | Nil | Jayasree |
| User should able the scroll and view the entire Home page and thank you message should be displayed. | Working as expected | Pass | Nil | N | Rectangular Shop Nil | Likitha |
| User should be able to see the GIFs and Thank you message dispalyed properly | Working as expected | Pass | Nil | N | Nil | Bharathi |
| User should be able to click the information page link dipalyed in the home page and should be able to view the contents of the information page | Working as expected | Pass | Nil | N | Nil | Abirami |

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|--|--|---------------------|------|-----|---|-----|----------|
| Our Application in local system or its link | User should be able to click the prediction page link displayed in the home page and should be able to view the contents of the information page | Working as expected | Pass | Nil | N | Nil | Jayasree |
| Our Application in local system or its link and should have a image file of ECG | User should be able to click the prediction page link displayed in the home page and should be able to view the contents of the information page then click on the upload button and able to select a image file from the local system | Working as expected | Pass | Nil | N | Nil | Likitha |
| Our Application in local system or its link and should have a image file of ECG in jpg/png format only | User should be able to click the prediction page link displayed in the home page and should be able to view the contents of the information page then click on the upload button and able to select a image file from the local system only in jpg/png format and should not accept any other file formats | Working as expected | Pass | Nil | N | Nil | Bharathi |
| Our Application in local system or its link and should have a image file of ECG in jpg/png format only | The Application should predict accurate arrhythmia type of the user exactly | Working as expected | Pass | Nil | n | Nil | Abirami |

TEST SCENARIOS:

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| 1 | TEST SCENARIOS |
| 2 | Verify user is able to see the welcome page |
| 3 | Verify user is able to scroll and view entire content |
| 4 | verify user is able to see the GIFs displaying properly |
| 5 | verify user is able to naviagte to info page |
| 6 | verify user is able to naviagte the predict page |
| 7 | Veriify user is able upload file |
| 8 | verify user is getting exact result |
| 9 | |