

Med-X Test Cases

Legend:
Neural Network Model
NNM

User ID	Feature to Test	Test Case	Test Steps	Test Data	Expected Result	Actual Result	Pass/Fail	Comments
1 & 2	Image Upload	Verify accepted image file type (Medexer)	Click Medexer tab --> Click Browse button --> Select PNG/JPG image file	PNG/JPG file	Selected PNG file uploaded and image is presented to upload	Image is uploaded to the Medexer tool	Pass	PNG Image file accepted
1 & 2	Image Upload	Verify accepted image file type (Medexer)	Click Medexer tab --> Click Browse button --> Select PDF file	PDF file	Error message is displayed	Unsupported file format. Please upload a .png or .jpeg file	Pass	PDF Image is unsupported
	Firebase	Successful Image Upload	Click Medexer tab --> Click Browse button --> Select PNG/JPG image file --> Alert Message --> Firebase Storage	PNG/JPG file	Image uploaded is stored in Firebase	Image uploaded	Pass	Image is available in the cloud
4 & 5	Findings	Passing a non-x-ray image to Med-X NNM	Click Medexer tab --> Click Browse button --> Select any file that is PNG/JPG image --> Click Submit	PNG/JPG file	Error Message "Make sure you have uploaded a chest x-ray image"	No Finding	Fail	Error message is not displayed
4 & 5	Findings	Passing an x-ray image with no known disease to Med-X NNM	Click Medexer tab --> Click Browse button --> Select a PNG/JPG image --> Click Submit	PNG/JPG file	No Finding	No Finding	Pass	Insufficient data NNM may not be accurate
4 & 5	Findings	Passing an x-ray image with a disease to Med-X NNM	Click Medexer tab --> Click Browse button --> Select a PNG/JPG image --> Click Submit	PNG/JPG file	A Finding	Aortic Enlargement	Pass	Medical term of disease was provided Insufficient data NNM may not be accurate