

Med-X Test Cases

Legend:	
Neural Network Model	NNM

Test ID	User Story ID	Feature to Test	Test Case	Test Steps	Test Data	Expected Result	Actual Result	Pass/Fail	Comments
19	23	Login/Logout	Successfully login to the patient or doctor portal	Sign in as a Patient -> Type in e-mail and password -> Click Login	User credentials	Logging in to the patient portal	Logged in as	Pass	
20	23	Login/Logout	Incorrect e-mail address is provided	Sign in as a Patient -> Type incorrect e-mail -> Type in password	User credentials	Error Message is displayed	Invalid user/auth credentials	Pass	
21	23	Login/Logout	Incorrect password is provided	Sign in as a Patient -> Type correct e-mail -> Type incorrect password	User credentials	Error Message is displayed	Invalid user/auth credentials	Pass	
22	18, 19, 20	Registration/Signup	Successfully creating a patient account	Sign in as a Patient or Doctor -> Click on Need an Account? Click Here -> Type in your full name, e-mail, confirm e-mail, enter password -> Click Sign Up	User credentials	Successfully creates an account	Dashboard is displayed	Pass	
23	18, 19, 20	Registration/Signup	Duplicate e-mail address is used to create an account	Click on Patient Sign Up -> Type in full name, email, and password -> Click Sign Up	User credentials	Error Message is displayed	This email address is already in use	Pass	
24	18, 19, 20	Registration/Signup	Different email & same name and password	Click on Patient Sign Up -> Type in full name, email and password -> Click Sign Up	User credentials	Successfully creates an account	Dashboard is displayed	Pass	Despite all other user credentials being the same, a new account is created because the password is unique to that user
25	18, 19, 20	Registration/Signup	Leaving fields blank	Click on Doctor or Patient Sign Up -> Leave fields blank -> Click Sign Up	User credentials	Error Message is displayed	Please fill out this field	Pass	
26	18, 19, 20	Registration/Signup	Providing an invalid e-mail address	Click on Doctor or Patient Sign Up -> Type an invalid e-mail address -> Type in remaining fields -> Click Sign Up	User credentials	Error Message is displayed	Please include an '@' in the email address	Pass	
27	18, 19, 20	Registration/Signup	Password meeting requirements	Click on Doctor or Patient Sign Up -> Type in full name, email, and a password not meeting requirements -> Click Sign Up	User credentials	Error Message is displayed	Password must contain at least one uppercase letter, one special character, and be at least 6 characters long.	Pass	
28	25	Profile	Updating User Profile	Sign in as a Patient or Doctor -> Type in user credentials -> Click Login -> Click on Profile Image -> Click on Profile Button	User Information	New Fields (date of birth, sex at birth, contact number, city, state, zip code) are populated in Firebase	User Information is updated in Firebase	Pass	
29	25	Profile	Leaving User Profile fields blank	Sign in as a Patient or Doctor -> Type in user credentials -> Click Login -> Click on Profile Image -> Click on Profile Button	User Information	Error Message is displayed	Please fill out this field	Pass	
30	15	Notification	Notification of a new report upload in dropdown	Sign in as a Doctor -> Click on bell icon	X-ray Document	A notification message with associated report ID(s) is displayed in the dropdown	Report: 0000 A new report has been uploaded	Pass	
31	14	Notification	Notification of changes to reports in dropdown	Sign in as a Patient -> Click on bell icon	String comments	A notification message with associated report ID(s) is displayed in the dropdown	You have an update on Report: 0000	Pass	
32	8	Result Description	A friendly definition of the medical diagnosis	Sign in as a Patient or Doctor -> Click on Report -> Click on one of the Reports	X-ray Document	A user friendly definition of the diagnosis is displayed below the medical term	The presence of denser, cloudy gray areas on the x-ray image against a normal dark-appearing lung. Gray areas indicate that something is occupying that area inside the lungs.	Pass	