

## Test Cases

Test Case For	ID	Test Cases	Test Data	Expected Results	Actual Results	Pass/Fail
Homepage	1	Browse the Website		User should be able to access the homepage of the website	Once directed to site, you will first be directed to the homepage of SymCheck	P
	2	Locate the Get Diagnosed Link		User should be able to locate the link to access the upload page	Click link Get Diagnosis Now to be redirected to upload page	P
Test Case For	ID	Test Cases	Test Data	Expected Results	Actual Results	Pass/Fail
User Input Page	1	Locate the Submit Photo Link		User should be able to locate the link to submit photo	Next to the upload image button there is a button to submit the photo	P
	2	Choose file shows up		User should see choose file option, to upload photo to website	Once you click the choose file button you will be redirected to upload a file from your computer	P
	3	Drag and Drop feature		User can drag and drop the photo in the box for uploading	This feature will be completed in the next semester	F
	4	Ability to cancel uploading file		User should be able to cancel the file from being uploaded	When selecting the file to upload you are prompted with the option to cancel. If you click cancel the file won't upload to the page.	P
	5	Verify file is uploaded		User should not be able to click on the submit button without submitting a file	If you try to select the submit button with uploading an image, you are prompted to please select a file	P
	6	Verify file is correct		User should be promoted to verify uploaded file is correct	When uploading the file, the user can see what image they are uploading and cancel the process if it is not the right image.	P
	7	Submit to website for analysis		User should be able to click submit to send correct photo to be analyzed	Once uploading the image click the submit button and the algorithm begins analyzing the photo for results	P
	8	Locate the Nearest ER Link		User should be able to locate and click the Nearest ER link to access an interactive map	Under the logo, there is the Nearest ER link. Clicking this button, you can access google maps to show hospitals nearby.	P
	9	Return to Homepage Link		User should be able to return to the homepage when clicking the Home button	At the bottom of the page when clicking the home button, you are redirected to the homepage of Symcheck	P
Image functionality	1	Check for image file extension		User can only upload certain types of file extensions (Verify if incorrect)	When uploading a file you can only open a jpg or png. No other extensions will be allowed to be uploaded	P
	2	Check for size of the image file		If file is too large to upload, the user must be notified	If file is too large, it will be resized to fit a specific measurement before being processed in the Machine Learning	P
	3	Check for height and width		Image should be measuring a certain height	Before preprocessing is done, the image is resized to be 200 length and 200 width. That way the images are processed at the same size.	P
Test Case For	ID	Test Cases	Test Data	Expected Results	Actual Results	Pass/Fail
Results	1	Results appear after analysis complete		User will see percentage that they have the illness	In the Results box it displays the likely hood of the image being an illness.	P
	2	About the disease		User will see facts about the disease they have been diagnosed with	If the image is likely to be Chickenpox or Pink Eye, then the About box will give information about the illness and a link to the CDC website. If the image is not likely to be chickenpox or Pink Eye, then the section will say that the algorithm isn't detecting an illness	P
	3	When to see a Doctor		User will see when it is best advised to see a doctor	In the When To See A Doctor section, it will state when it is best advised to seek medical attention and includes the symptoms that can occur or become worse	P
	4	Nearest ER		If selected, user will be able to access an interactive map	Towards the bottom of the page there is a Nearest Emergency Room section. Where you can click the Nearest Emergency Room button and google maps pops up with Emergency Rooms nearby your location.	P
	5	New Diagnosis Link		User should be able to access the user input page for a new diagnosis	In the top right corner there is a button called new diagnosis, where you will be redirected to the upload image page to upload a new image to diagnose	P
	6	Return to Homepage Link		User should be able to return to the homepage when clicking the Home button	In the top left corner there is a Home button, when clicking this button you will be redirected to SymChecks homepage	P
	*7	Error Message		User should see an error message if there is any issue with their uploaded image.	If the user deletes their browser history and tries to refresh the page, the results won't exist anymore and this will cause the user to submit photo again.	Pass/Fail
	ID	Test Cases	Test Data	Expected Results	Actual Results	Pass/Fail
Feedback	1	Send user feedback		User can click button to send feedback about application	Located at the bottom of the Results Page, there is a Feedback section. You can click Contact Us Here to send the team a message.	P
	2	Fill out feedback		User will be prompted to type their feedback about the application	Once the Contact Us Here was clicked you will be redirected to an email where the email address and subject are already filled out. All you have to do is fill out the message you would like to send.	P
	3	Submit Feedback		User can submit feedback and will have a response within 24 hours	Once the email is ready to be sent, the user can send the email and the team will respond back shortly.	P