

## Test Cases

Test Case For	Key	Test Cases	Test Data	Expected Results	Actual Results	Pass/Fail
Homepage	HID-29	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
Homepage	HID-30	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
Homepage	HID-58	Chatbot	Hi, chicken pox, pink eye	User can interact with SymBot and receive a response	SymBot responds on all user inputs such as hello, what is chickenpox, how can I speak to creators of symcheck, etc.	P
Test Case For	Key	Test Cases	Test Data	Expected Results	Actual Results	Pass/Fail
User Input Page	HID-31	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
User Input Page	HID-31	Choose file shows up	chickenpox image file	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
User Input Page	HID-57	Image reflection	pinkeye image file	User can see their uploaded image	After you select an image to upload, the page shows you the uploaded image	P
User Input Page	HID-32	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
User Input Page	HID-32	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
User Input Page	HID-32	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
User Input Page	HID-33	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
User Input Page	HID-35	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
User Input Page	HID-36	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
User Input Page	HID-58	Chatbot	How do I upload an image?	User can interact with SymBot and receive a response	SymBot responds on all user inputs such as hello, what is chickenpox, how can I speak to creators of symcheck, etc.	P
Image functionality	HID-32	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
Image functionality	HID-32	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
Image functionality	HID-32	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	Key	Test Cases	Test Data	Expected Results	Actual Results	Pass/Fail
Results	HID-37	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
Results	HID-38	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
Results	HID-39	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
Results	HID-40	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
Results	HID-41	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
Results	HID-42	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
Results	HID-37	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.	P
Results	HID-58	Chatbot	How can I get in touch with developers?	User can interact with SymBot and receive a response	SymBot responds on all user inputs such as hello, what is chickenpox, how can I speak to creators of symcheck, etc.	P
Test Case For	Key	Test Cases	Test Data	Expected Results	Actual Results	Pass/Fail
Feedback	HID-44	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
Feedback	HID-44	Fill out feedback	"This is a great application"	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
Feedback	HID-44	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