

US_07 As a patient, I want the uploaded image to be securely stored so that I can access

TC	TC Title	Step Description
TC_07_01	Verify Secure Storage of Uploaded Image	1. Upload an image. 2. Check the storage backend for the image file. 3. Verify the image is stored in the user's folder.
TC_07_02	Verify Image Accessibility in Reports after downloading	1. Open the report. 2. Check if the uploaded image is visible in the report after downloading

US_08 As a guest user, I want my uploaded image to be deleted after processing so that

TC	TC Title	Step Description
TC_08_01	Verify Temporary Image Deletion for Guest Users	1. Upload an image. 2. Wait for processing to complete. 3. Check storage for the uploaded image.
TC_08_02	Verify Guest User's Image Is Not Retained	1. Upload an image. 2. Wait for session expiry. 3. Check storage backend for the image.

US_09 As a guest user, I want the system to alert me if my temporary image is unavailable

TC	TC Title	Step Description
TC_09_01	Verify Alert for Missing Temporary Image	1. Attempt to retrieve a deleted image. 2. Observe the alert message.

US_10 As a patient, I want clear error messages if something goes wrong during upload

TC	TC Title	Step Description
TC_10_01	Verify File Type and Size Validation	1. Attempt to upload an invalid file (e.g., PDF or a file >10MB). 2. Observe the validation message.

TC_10_02	Verify Clear Error Messages for Failed Uploads	1. Simulate an upload error (e.g., network disconnection). 2. Observe the error message.
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US_11 As a patient, I want the app to recognize a wide range of skin conditions so that

TC	TC Title	Step Description
TC_11_01	Verify Wide Range of Skin Conditions	1. Upload images for various skin conditions. 2. Observe the diagnosis results.

US_12 As a patient, I want the diagnosis accuracy to be improved so that I can trust the

TC	TC Title	Step Description
TC_12_01	Verify Model Retraining Improves Accuracy	1. Test the retrained model with a validation dataset. 2. Compare accuracy before and after retraining.

US_13 As a patient, I want to receive the diagnosis result as soon as possible so that I ca

TC	TC Title	Step Description
TC_13_01	Verify Quick Diagnosis Time	1. Upload an image. 2. Measure the time taken for the diagnosis result.

US_14 As a patient, I want to receive a brief description of the diagnosed condition so t

TC	TC Title	Step Description
TC_14_01	Verify Description Display for Diagnosed Condition	1. Upload a valid skin condition image. 2. Click "Predict Diagnosis". 3. Check the "Description" section.

US_15 As a patient, I want to receive treatment recommendations so that I can take ac

TC	TC Title	Step Description
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TC_15_01	Verify Treatment Recommendations Display	<ol style="list-style-type: none"> 1. Upload a valid image. 2. Click "Predict Diagnosis". 3. Check the "Treatment Recommendations" section.
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US_16 As a patient, I want to view a comprehensive report of a case so that I have a complete overview of my health.

TC	TC Title	Step Description
TC_16_01	Verify Report Content for a Case	<ol style="list-style-type: none"> 1. Navigate to the reports section. 2. Open a specific case report. 3. Verify the report content.

US_17 As a patient, I want to download a detailed report as a PDF so that I can share it with my doctor.

TC	TC Title	Step Description
TC_17_01	Verify PDF Download Functionality	<ol style="list-style-type: none"> 1. Open a case report. 2. Click the "Download PDF" button. 3. Verify the downloaded file.

US_18 As a patient, I want the ability to print my report directly from the app so that I can keep a physical copy.

TC	TC Title	Step Description
TC_18_01	Verify Print Functionality	<ol style="list-style-type: none"> 1. Open a case report. 2. Click the "Print" button. 3. Verify the printer output.

US_19 As a patient, I want my reports to be secure and accessible only by me so that my information is protected.

TC	TC Title	Step Description
TC_19_01	Verify Personal Details in Report	<ol style="list-style-type: none"> 1. Open a case report. 2. Check for the user's name, email, and case details.

US_30 As a patient, I want to sign up an account so that I can store my basic information and access my reports.

TC	TC Title	Step Description
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TC_30_01	Verify Patient Sign-Up Functionality	<ol style="list-style-type: none"> 1. Navigate to the sign-up page. 2. Enter valid details (e.g., name, email, password). 3. Click "Sign Up". 4. Verify account creation.
TC_30_02	Handle Sign-Up with Existing Email	<ol style="list-style-type: none"> 1. Navigate to the sign-up page. 2. Enter an already registered email. 3. Click "Sign Up". 4. Observe the error message.

US_31 As a dermatologist, I want to sign up so that I can access patient reports and pro

TC	TC Title	Step Description
TC_31_01	Verify Dermatologist Sign-Up Functionality	<ol style="list-style-type: none"> 1. Navigate to the dermatologist sign-up page. 2. Enter valid details (e.g., name, email, password). 3. Click "Sign Up". 4. Verify account creation.

US_32 As a patient, I want to log in to my account so that I can manage my cases and vi

TC	TC Title	Step Description
TC_32_01	Verify Patient Sign-Up Functionality	<ol style="list-style-type: none"> 1. Navigate to the sign-up page. 2. Enter valid details (e.g., name, email, password). 3. Click "Sign Up". 4. Verify account creation.
TC_32_02	Handle Invalid Login Credentials	<ol style="list-style-type: none"> 1. Navigate to the login page. 2. Enter an invalid email or password. 3. Click "Log In". 4. Observe the error message.

US_33 As a dermatologist, I want to log in to my account so that I can manage patient r

TC	TC Title	Step Description
TC_33_01	Verify Dermatologist Login Functionality	<ol style="list-style-type: none"> 1. Navigate to the login page. 2. Enter valid email and password. 3. Click "Log In". 4. Verify successful login.

s my report anytime.

Expected Results	Execution Status	Execution date	Tester
The image is stored securely in a user-specific folder and accessible only by the user.	Pass	Nov 20	Tanzil
The uploaded image is displayed in the user's report after downloading	Fail	Nov 20	Tanzil

t it doesn't remain stored unnecessarily.

Expected Results	Execution Status	Execution date	Tester
The uploaded image is deleted after processing.	Pass	Nov 20	Tanzil
The image is no longer stored in the system	Pass	Nov 20	Tanzil

ble after the session so that I can re-upload it.

Expected Results	Execution Status	Execution date	Tester
An alert message is displayed: "The image is no longer available. Please re-upload."	Pass	Nov 20	Tanzil

or prediction so that I can take corrective actions.

Expected Results	Execution Status	Execution date	Tester
An error like "Invalid file type or size" is displayed.	Pass	Nov 20	Tanzil

An error like "Upload failed. Please check your network connection." is displayed.	Pass	Nov 20	Tanzil
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I can receive a diagnosis for diverse issues.

Expected Results	Execution Status	Execution date	Tester
The system recognizes all supported skin conditions.	Pass	Nov 20	Tanzil

AI's results.

Expected Results	Execution Status	Execution date	Tester
Accuracy improves after retraining.	Fail	Nov 20	Tanzil

an act quickly if needed.

Expected Results	Execution Status	Execution date	Tester
The result is displayed within the expected time limit (e.g., 1 minute).	Pass	Nov 20	Tanzil

hat I can understand about the skin issue I am

Expected Results	Execution Status	Execution date	Tester
A brief description of the diagnosed condition is displayed.	Pass	Nov 20	Tanzil

tion towards treating my skin condition.

Expected Results	Execution Status	Execution date	Tester
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1. Upload a valid image. 2. Click "Predict Diagnosis". 3. Check the "Treatment Recommendations" section.	Pass	Nov 20	Tanzil
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Complete record of my skin condition assessment.

Expected Results	Execution Status	Execution date	Tester
The report includes details such as the uploaded image, diagnosis, description, treatment recommendations, and timestamps.	Pass	Nov 20	Tanzil

with a dermatologist or keep it for personal

Expected Results	Execution Status	Execution date	Tester
The patient is directed to their dashboard.	Fail	Nov 20	Tanzil

can have a hard copy when needed.

Expected Results	Execution Status	Execution date	Tester
The report is printed successfully.	Pass	Nov 20	Tanzil

My medical data remains private.

Expected Results	Execution Status	Execution date	Tester
The report includes the user's personal details such as name, email, and timestamp.	Pass	Nov 20	Tanzil

can view and access personalized services.

Expected Results	Execution Status	Execution date	Tester
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The account is created successfully, and the patient is redirected to the home page.	Pass	Nov 20	Tanzil
An error message "Email already in use" is displayed.	Pass	Nov 20	Tanzil

vide professional feedback.

Expected Results	Execution Status	Execution date	Tester
The account is created successfully, and the dermatologist is redirected to the dashboard.	Fail	Nov 20	Tanzil

ew diagnoses.

Expected Results	Execution Status	Execution date	Tester
The account is created successfully, and the patient is redirected to the home page.	Pass	Nov 20	Tanzil
An error message like "Invalid email or password" is displayed.	Pass	Nov 20	Tanzil

reports and update case statuses.

Expected Results	Execution Status	Execution date	Tester
The dermatologist is logged in successfully and redirected to the dashboard.	Fail	Nov 20	Tanzil