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

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

US_08 As a guest user, I want my uploaded image to be deleted after processing so that it doesn't remain stored unnecessarily.

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

US_09 As a guest user, I want the system to alert me if my temporary image is unavailable after the session so that I can re-upload it.

TC	TC Title	Step Description	Expected Results	Execution Status	Execution date	Tester
TC_09_01	Verify Alert for Missing Temporary Image	1. Attempt to retrieve a deleted image. 2. Observe the alert message.	An alert message is displayed: "The image is no longer available. Please re-upload."	Pass	Nov 20	Tanzil

US_10 As a patient, I want clear error messages if something goes wrong during upload or prediction so that I can take corrective actions.

TC	TC Title	Step Description	Expected Results	Execution Status	Execution date	Tester
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.	An error like "Invalid file type or size" is displayed.	Pass	Nov 20	Tanzil
TC_10_02	Verify Clear Error Messages for Failed Uploads	1. Simulate an upload error (e.g., network disconnection). 2. Observe the error message.	An error like "Upload failed. Please check your network connection." is displayed.	Pass	Nov 20	Tanzil

US_11 As a patient, I want the app to recognize a wide range of skin conditions so that I can receive a diagnosis for diverse issues.

TC	TC Title	Step Description	Expected Results	Execution Status	Execution date	Tester
TC_11_01	Verify Wide Range of Skin Conditions	1. Upload images for various skin conditions. 2. Observe the diagnosis results.	The system recognizes all supported skin conditions.	Pass	Nov 20	Tanzil

US_12 As a patient, I want the diagnosis accuracy to be improved so that I can trust the AI's results.

TC	TC Title	Step Description	Expected Results	Execution Status	Execution date	Tester
TC_12_01	Verify Model Retraining Improves Accuracy	1. Test the retrained model with a validation dataset. 2. Compare accuracy before and after retraining.	Accuracy improves after retraining.	Fail	Nov 20	Tanzil

US_13 As a patient, I want to receive the diagnosis result as soon as possible so that I can act quickly if needed.

TC	TC Title	Step Description	Expected Results	Execution Status	Execution date	Tester
TC_13_01	Verify Quick Diagnosis Time	1. Upload an image. 2. Measure the time taken for the diagnosis result.	The result is displayed within the expected time limit (e.g., 1 minute).	Pass	Nov 20	Tanzil

US_14 As a patient, I want to receive a brief description of the diagnosed condition so that I can understand about the skin issue I am facing.

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

US_15 As a patient, I want to receive treatment recommendations so that I can take action towards treating my skin condition.

TC	TC Title	Step Description	Expected Results	Execution Status	Execution date	Tester
TC_15_01	Verify Treatment Recommendations Display	1. Upload a valid image. 2. Click "Predict Diagnosis". 3. Check the "Treatment Recommendations" section.	1. Upload a valid image. 2. Click "Predict Diagnosis". 3. Check the "Treatment	Pass	Nov 20	Tanzil

US_16 As a patient, I want to view a comprehensive report of a case so that I have a complete record of my skin condition assessment.

TC	TC Title	Step Description	Expected Results	Execution Status	Execution date	Tester

TC	TC Title	Step Description	Expected Results	Execution Status	Execution date	Tester
TC_16_01	Verify Report Content for a Case	1. Navigate to the reports section. 2. Open a specific case report. 3. Verify the report content.	The report includes details such as the uploaded image, diagnosis, description, treatment recommendations,	Pass	Nov 20	Tanzil

US_17 As a patient, I want to download a detailed report as a PDF so that I can share it with a dermatologist or keep it for personal records..

TC	TC Title	Step Description	Expected Results	Execution Status	Execution date	Tester
TC_17_01	Verify PDF Download Functionality	1. Open a case report. 2. Click the "Download PDF" button. 3. Verify the downloaded file.	The patient is directed to their dashboard.	Fail	Nov 20	Tanzil

US_18 As a patient, I want the ability to print my report directly from the app so that I can have a hard copy when needed.

TC	TC Title	Step Description	Expected Results	Execution Status	Execution date	Tester
TC_18_01	Verify Print Functionality	1. Open a case report. 2. Click the "Print" button. 3. Verify the printer output.	The report is printed successfully.	Pass	Nov 20	Tanzil

US_19 As a patient, I want my reports to be secure and accessible only by me so that my medical data remains private.

TC	TC Title	Step Description	Expected Results	Execution Status	Execution date	Tester
TC_19_01	Verify Personal Details in Report	1. Open a case report. 2. Check for the user's name, email, and case details.	The report includes the user's personal details such as name, email, and timestamp.	Pass	Nov 20	Tanzil

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

TC	TC Title	Step Description	Expected Results	Execution Status	Execution date	Tester
TC_30_01	Verify Patient Sign-Up Functionality	1. Navigate to the sign-up page. 2. Enter valid details (e.g., name, email, password). 3. Click "Sign Up". 4. Verify account creation.	The account is created successfully, and the patient is redirected to the home page.	Pass	Nov 20	Tanzil
TC_30_02	Handle Sign-Up with Existing Email	1. Navigate to the sign-up page. 2. Enter an already registered email. 3. Click "Sign Up". 4. Observe the error message.	An error message "Email already in use" is displayed.	Pass	Nov 20	Tanzil

US_31 As a dermatologist, I want to sign up so that I can access patient reports and provide professional feedback.

TC	TC Title	Step Description	Expected Results	Execution Status	Execution date	Tester
TC_31_01	Verify Dermatologist Sign-Up Functionality	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.	The account is created successfully, and the dermatologist is redirected to the dashboard.	Fail	Nov 20	Tanzil

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

TC	TC Title	Step Description	Expected Results	Execution Status	Execution date	Tester
TC_32_01	Verify Patient Sign-Up Functionality	1. Navigate to the sign-up page. 2. Enter valid details (e.g., name, email, password). 3. Click "Sign Up". 4. Verify account creation.	The account is created successfully, and the patient is redirected to the home page.	Pass	Nov 20	Tanzil
TC_32_02	Handle Invalid Login Credentials	1. Navigate to the login page. 2. Enter an invalid email or password. 3. Click "Log In". 4. Observe the error message.	An error message like "Invalid email or password" is displayed.	Pass	Nov 20	Tanzil

US_33 As a dermatologist, I want to log in to my account so that I can manage patient reports and update case statuses.

TC	TC Title	Step Description	Expected Results	Execution Status	Execution date	Tester
TC_33_01	Verify Dermatologist Login Functionality	1. Navigate to the login page. 2. Enter valid email and password. 3. Click "Log In". 4. Verify successful login.	The dermatologist is logged in successfully and redirected to the dashboard.	Fail	Nov 20	Tanzil