US_20 As a patient, I want to view my past cases and track their statuses, so that I can monitor my health progress and stay informed about the evaluations.

TC	TC Title	Step Description	Expected Results	Execution Status	Execution date	Tester
TC_20_01	View Past Cases List	1. Log in as a patient. 2. Navigate to the "My Cases" section.	A list of past cases with statuses is displayed.	Pass	Dec 12	Tanzil
TC_20_02	View Case Status	1. Select a past case.	The case displays statuses such as "Pending", "Reviewed", or "In Progress".	pass	Dec 12	Tanzil
TC_20_03	Filter Cases by Status	1. Apply a status filter (e.g., "Reviewed").	Only cases with the selected status are shown.	pass	Dec 12	Tanzil

US_21 As a dermatologists, I want to access and view patient reports so that I can assess their conditions and provide professional feedback.

TC	TC Title	Step Description	Expected Results	Execution Status	Execution date	Tester
TC_21_01	Access Patient Reports	1. Log in as a dermatologist. 2. Navigate to the "Patient Reports" section.	A list of patient reports is displayed.	Pass	Dec 12	Tanzil
TC_21_02	View Patient Report Details	1. Open a patient report.	Report displays patient details, uploaded images, and symptoms.	Pass	Dec 12	Tanzil

US_23 As a dermatologist, I want to add comments to patient reports so that I can provide additional guidance if necessary.

TC	TC Title	Step Description	Expected Results	Execution Status	Execution date	Tester
TC_23_01	Add Comments to Report	1. Open a patient report. 2. Add a comment. 3. Save the changes.	Comments are saved and visible in the report.	Pass	Dec 12	Tanzil
TC_23_02	Validate Comment Input	1. Attempt to save an empty comment.	An error message prompts for valid input.	pass	Dec 12	Tanzil

US_24 As a patient, I want to be notified as soon as my report is reviewed by a dermatologist so that I can stay informed about my case status.

TC	TC Title	Step Description	Expected Results	Execution Status	Execution date	Tester
TC_24_01	Receive Report Reviewed Notification	1. Dermatologist reviews a patient's report.	Patient receives a notification about the status update.	fail	Dec 12	Tanzil
TC_24_02	Notification Links to Report	1. Click on the notification.	The corresponding report opens.	fail	Dec 12	Tanzil

US_25 As a patient, I want to access a chat interface from my report page so that I can communicate directly with a dermatologist.

TC	TC Title	Step Description	Expected Results	Execution Status	Execution date	Tester
TC_25_01	Access Chat Interface from Report Page	1. Open a patient report. 2. Click on the "Chat with Dermatologist" button.	Chat interface is displayed.	Pass	Dec 12	Tanzil

US_26 As a patient, I want to message my dermatologist in real time so that I can get quick answers to my questions.

TC	TC Title	Step Description	Expected Results	Execution Status	Execution date	Tester
TC_26_01	Send Messages in Real Time (Patient)	1. Open the chat interface. 2. Send a message.	Message is delivered instantly.	pass	Dec 12	Tanzil
TC_26_02	Receive Messages in Real Time (Patient)	1. Dermatologist replies to a message.	Patient sees the reply instantly.	pass	Dec 12	tanzil

US_27 As a patient, I want to send images to dermatologist so that I can provide additional visual information about my skin condition.

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

| TC_27_01 | Upload and Send Images | 1. Open the chat interface.
2. Upload an image.
3. Send the image. | Image is sent and visible to the dermatologist. | Pass | Dec 13 | Tanzil |
| TC_27_02 | Validate Supported File Formats | 1. Attempt to upload an unsupported file type. | An error message prompts to upload a valid image file. | pass | Dec 13 | tanzil |

US_28 As a patient, I want to review the chat history with my dermatologist so that I can refer back to previous discussions and

TC	TC Title	Step Description	Expected Results	Execution Status	Execution date	Tester
TC_28_01	View Chat History	1. Open the chat interface. 2. Scroll through the chat history.	Past messages and images are displayed chronologically.	Pass	Dec 13	Tanzil
TC_28_02	Access Chat History from Report Page	1. Open a specific report. 2. Access the chat interface.	Chat history for the corresponding report is displayed.	Pass	Dec 13	tanzil

US_29 As a dermatologist, I want to chat with patients in real-time so that I can provide personalized consultation and answer their

TC	TC Title	Step Description	Expected Results	Execution Status	Execution date	Tester
TC_29_01	Send Messages in Real Time (Dermatologist)	1. Open the chat interface. 2. Send a message to the patient.	Patient receives the message instantly.	Pass	Dec 13	Tanzil
TC_29_02	Receive Messages in Real Time (Dermatologist)	1. Patient sends a message.	Dermatologist sees the message instantly.	pass	Dec 13	

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	Validate AI Model Accuracy	1. Input a diverse dataset with known conditions.	The AI model achieves a predefined accuracy threshold (e.g., >90%) on the validation	pass	Dec 12	Tanzil
TC_12_02	Validate Rare Case Predictions	1. Input cases with rare conditions. 2. Check the model's predictions.	The AI model identifies rare conditions accurately within the dataset.	pass	Dec 12	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

TC	TC Title	Step Description	Expected Results	Execution Status	Execution date	Tester
TC_17_01	Generate PDF Report	1. Navigate to the report section. 2. Click on the "Download Report" button.	A PDF report is generated with all the relevant details (patient info, diagnosis, and	fail	Dec 12	Tanzil
TC_17_02	Verify PDF Download Functionality	1. Attempt to download the PDF report.	The PDF is downloaded successfully to the user's device	fail	Dec 12	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 Sign-Up Form Accessibility	1. Navigate to the dermatologist sign-up page	The sign-up form is accessible and visible.	Pass	Dec 12	Tanzil
TC_31_02	Validate Mandatory Fields	1. Submit the form with missing mandatory fields (e.g., name, email	An error message is displayed for missing fields	Pass	Dec 12	tanzil
TC_31_03	Verify Account Creation	1. Fill in the sign-up form with valid details. 2. Submit the form	A new dermatologist account is successfully created	Pass	Dec 12	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 Login Form Accessibility	1. Navigate to the dermatologist login page	The login form is accessible and visible.	Pass	Dec 12	Tanzil
TC_33_02	Validate Login with Correct Details	1. Enter valid credentials. 2. Click on the "Login" button	The dermatologist is successfully logged in and redirected to their dashboard	pass	Dec 12	Tanzil
TC_33_03	Verify Role-Based Access Control	1. Log in as a dermatologist. 2. Attempt to access patient-specific	Dermatologists can access features related to managing reports and updating case	pass	Dec 12	Tanzil