

Sprint 3 User Stories & Acceptance Criteria

US carry over from Sprint 2
User Stories for Sprint 3
Technical User Stories

US_ID	User Stories		Feature	Story Points
US_12	As a patient, I want the diagnosis accuracy to be improved so that I can trust the AI's results.	Model Accuracy Improvement: Given the AI model is retrained with additional data, When new predictions are made, Then the accuracy threshold meets or exceeds 80% for common conditions.	AI Diagnosis	5
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..	Downloadable Report: Given the patient opens their report, When they click the "Download PDF" button, Then a PDF version of the report is generated and downloaded, matching the layout of the web application.	Report	1
US_31	As a dermatologist, I want to sign up so that I can access patient reports and provide professional feedback.	Patient Login: Given the patient accesses the login page, When they enter their email and password, Then the system authenticates their credentials and directs them to their dashboard.	User Account Management	2
US_32	As a dermatologist, I want to log in to my account so that I can manage patient reports and update case statuses.	Dermatologist Login: Given the dermatologist accesses the login page, When they enter their email and password, Then the system authenticates their credentials and directs them to their dashboard.	User Account Management	1
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.	Case History Access: Given the patient logs into their account, When they navigate to the "Case History" section, Then they can view a chronological list of all past cases. Real-Time Status Updates: Given the patient views their case list, When the status of a case changes, Then the system updates the status in real time without requiring a refresh. Navigation to Report: Given the patient clicks on a case entry, When the system processes the request, Then the patient is navigated to that case's report.	User Account Management	2
US_21	As a dermatologists, I want to access and view patient reports so that I can assess their conditions and provide professional feedback.	Access Reports Dashboard: Given the dermatologist logs into their account, When they navigate to the dashboard, Then a list of all assigned patient reports is displayed. Report Sorting Options: Given the dermatologist is on the reports dashboard, When they apply sorting filters (e.g., by date, status, or patient ID), Then the system dynamically updates the displayed list.	User Account Management	2
US_22	As a dermatologist, I want to add comments to patient reports so that I can provide additional guidance if necessary.	Add Comments: Given the dermatologist opens a patient report, When they enter comments in the designated text field, Then the comments are saved and associated with the report. Visibility of Comments: Given the dermatologist submits comments, When the patient views the report, Then the comments are displayed in the relevant section.	Derm Review	2
US_23	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.	Notification Delivery: Given the dermatologist submits their diagnosis and comments, When the report status changes to "Reviewed," Then the patient receives a notification. Notification Content: Given a notification is sent, When the patient opens it, Then it includes a brief message indicating the report has been reviewed and instructions on how to view the updated report.	Derm Review	2
US_24	As a patient, I want to access a chat interface from my report page so that I can communicate directly with a dermatologist.	Open Chat Interface: Given the patient is on their report page, When they click the "Chat" button, Then a chat window opens displaying active chat requests.	Chat	2
US_25	As a patient, I want to message my dermatologist in real time so that I can get quick answers to my questions.	Real-Time Messaging: Given a patient initiates a chat with a dermatologist, When they send a message, Then the dermatologist receives the message in real time. Chat Features: Given a chat session is active, When messages are exchanged, Then each message includes a time stamp and typing indicators.	Chat	4
US_26	As a patient, I want to send images to dermatologist so that I can provide additional visual information about my skin condition.	Send Images: Given the patient is in a chat session, When they select and send an image, Then the image is uploaded and displayed in the chat interface. Supported Formats: Given the patient sends an image, When the system processes the file, Then only supported formats (JPEG, JPG, PNG) are accepted.	Chat	2
US_27	As a patient, I want to review the chat history with my dermatologist so that I can refer back to previous discussions and recommendations.	Access Chat History: Given the patient is in an active chat session, When they open the chat interface, Then all past messages are displayed in chronological order with time stamps.	Chat	3

US_28	As a dermatologist, I want to chat with patients in real-time so that I can provide personalized consultation and answer their questions.	Access Active Chat Requests: Given the dermatologist logs into their account, When they navigate to the chat dashboard, Then all active chat requests from patients are displayed. Real-Time Chat: Given the dermatologist accepts a chat request, When messages are exchanged, Then all messages include time stamps and attachments are supported.	Chat	4
TU_05	As a developer, I want to create an Deployment manual for the project so that users can easily set up the application in their environment.	The Deployment Manual should can assist other developers to deploy this application to the production/development environment, and indicate components and tools required to setup up the environments. The installation manual is tested by a team member or tester following the instructions to ensure accuracy.	Technical	2
TU_06	As a developer, I want to create comprehensive API documentation so that other developers can integrate with and use the API effectively.	The updated technical paper includes detailed descriptions of new features, architecture updates, system workflows, and technology stack improvements. The paper is reviewed by team members to ensure accuracy and consistency with the current system.	Technical	2
TU_07	As a developer, I want to create test cases for Sprint 3 user stories so that I can verify the new functionality introduced in the Sprint 3.	Test cases are written for each user story included in Sprint 3. Each test case includes test objectives, preconditions, test steps, expected results, and postconditions.	Technical	1