

Test Scenarios & Results – HealthAI					
Test Case ID	Scenario (What to test)	Test Steps (How to test)	Expected Result	Actual Result	Pass/Fail
FT-01	User Registration	Enter valid and invalid password and submit the form	Accept valid input; show error for invalid input	Valid input accepted; invalid shows proper error message	PASS
FT-02	User Login	Try logging in with correct and incorrect credentials	Logs in with correct credentials; shows error for incorrect ones	Login successful with correct input; error for wrong password	PASS
FT-03	Chatbot Input Handling	Ask general health questions like "What is fever?"	Bot should reply with appropriate answer	Chatbot replies correctly to general queries	PASS
FT-04	Symptom Input Form	Enter symptoms like "headache, nausea"	System accepts symptoms and forwards to backend	Symptoms accepted and passed to model	PASS
FT-05	Disease Prediction Accuracy	Provide symptom set and test if prediction is reasonable	Model returns likely disease with confidence score	Disease prediction returned with confidence score (e.g., 84%)	PASS
FT-06	Personalized Treatment Generation	Enter symptoms + basic profile (age, gender) and check treatment advice output	Shows relevant advice based on user data and prediction	Personalized advice shown with precautions and treatments	PASS
PT-01	Response Time for Disease Prediction	Use timer to measure how fast prediction result is returned	Should respond within 3 seconds	Response received in 2.1 seconds	PASS
PT-02	Chatbot Speed Performance	Interact with chatbot repeatedly	Response time should be under 2 seconds per message	Avg response time: 1.3 seconds	PASS
PT-03	Load Test for Multiple Simultaneous Users (optional)	Simulate multiple users logging in or chatting at once	System remains stable; no crashes	Tested with 10 users; no slowdown or crash observed	PASS