



GlucoPredict – AI Powered Diabetes Predictor

Software Test Report

Submitted by

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In partial fulfilment of the requirements for the degree of
Bachelor of Science in Software Engineering

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Faculty of Engineering Sciences and Technology

Hamdard Institute of Engineering and Technology

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Software Test Plan

S. No	Description	Test Engineer	Start Date	End Date
1	Sign Up Screen	Hassan	02-June-2025	03-June-2021
2	Sign In Screen	Hassan	04-June-2025	07-June-2025
3	Health Input Screen	Moiez	08-June-2025	11-June-2025
4	Result Screen	Moiez	12-June-2025	14-June-2025
5	Test-1	Moiez	14-June-2025	14-June-2025
6	Test-2	Hassan	16-June-2025	16-June-2025
7	Test-3	Hassan	17-June-2025	17-June-2025

Test Case (for screen/reports)

Project Name: Glucopredict: AI - Powered Diabetes Predictor Iteration No: 01

Module Name: Risk Prediction Result Module Date: 14/06/25

Test Case ID: GP-TC-PR-001 Test Engineer: Hassan bin Sabih

Test Case Description: Verify that after submitting valid health data, the Prediction Result Screen displays the correct diabetes risk percentage, a health advisory message, and options to download the report or return to the home screen

Test Case 1:

Project Name: GlucoPredict

Iteration No: 1

Module Name: Sign Up Screen

Date: 14-June-2025

Test Case ID: TC – 1

Test Engineer: Hassan

Test Case Description: Detailed testing of this module

S. No	Steps	Input Data	Expected Result	Actual Result	Pass/ Fail
1.1	Open the Sign-Up Screen	-	Sign Up form displays correctly	It did display as expected	Pass
1.2	Enter email and password	Valid credentials	Input fields and accept data	Data entered successfully	Pass

Test Case 2:

Project Name: GlucoPredict

Iteration No: 1

Module Name: Log In Screen

Date: 16-June-2025

Test Case ID: TC – 2

Test Engineer: Hassan

Test Case Description: Detailed testing of this module

S. No	Steps	Input Data	Expected Result	Actual Result	Pass/ Fail
2.1	Open the Log In Screen	-	Log In form displays correctly	It did display as expected	Pass
2.2	Enter email and password	Valid credentials	Input fields and accept data	Data entered successfully	Pass
2.3	The GlucoPredict Dashboard appears	-	Dashboard displays correctly	It did display as expected	Pass

Test Case 3:

Project Name: GlucoPredict

Iteration No: 1

Module Name: Input Health Data Screen

Date: 17-June-2025

Test Case ID: TC – 3

Test Engineer: Moiez

Test Case Description: Detailed testing of this module

S. No	Steps	Input Data	Expected Result	Actual Result	Pass/ Fail
3.1	Open the Data Entering Screen	-	Dashboard displays correctly	It did display as expected	Pass
2.2	Enter data as per the required fields	Valid credentials	Input fields and accept data	Data entered successfully	Pass
2.3	The result screen is displayed	-	Dashboard displays correctly	It did display as expected	Pass