Test Case Planning

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1. Use Case 1 – *Input medical information*

Test Case ID	TC01 – Valid weight, height, age
Test Objective	**Verify that a registered user can enter valid medical information and the system will save it and display a confirmation message.**
Preconditions	• User is a registered user. • User is on the "Medical information" screen (displayed after registration or from User information page). • App/server is available.
Test steps	1. View the "Medical information" screen showing fields for Weight, Height (ft/in), and Age. 2. Enter values for all three fields. 3. Click save.
Input Values	• Weight: 115 • Height: 5 ft 5 in • Age: 20
Expected results	• App verifies inputs against [BR01][BR02]. • App stores weight, height, and age. • App displays confirmation text. • On-reopen of the screen (or via profile), the same values are persisted.

Test Case ID	TC02 – Missing field
Test Objective	**Verify the app blocks saving when any required field is blank and shows the correct message.**
Preconditions	Same as TC01.
Test steps	1. View the "Medical information" screen. 2. Enter only Weight and Age. Leave Height blank. 3. Click save.
Input Values	• Weight: 115 • Height: [blank] • Age: 20
Expected results	• App displays "Height cannot be blank!" (or Weight, Height, Age with correct field name). • No data is saved. • Flow returns to step 2 of the basic path (form remains visible for correction).

Test Case ID	TC03 – Invalid weight
Test Objective	**Verify that the app rejects weight values per business rule (must be > 0).**

Preconditions	• Same as TC01.
Test steps	1. View the "Medication Information" screen. 2. Enter 0 for Weight, valid Height and Age. 3. Click Save.
Input Values	• Weight: 0 • Height: 5 ft 5 in • Age: 20
Expected results	• App displays "Invalid weight." • No data is saved. • Flow returns to step 2 of the basic path.

Test Case ID	TC04 – Invalid age
Test Objective	Verify the app rejects invalid age values per business rules (age > 0 and < 120)
Preconditions	• Same at TC01.
Test steps	1. View the "Medical Information" screen. 2. Enter valid Weight and Height, set Age to 0. 3. Click Save.
Input Values	• Weight: 115 • Height: 5 ft 5 in • Age: 0
Expected results	• App displays "Invalid Age." • No data is saved. • Flow returns to step 2 of the basic path.