Manual Testing

US1	**TC1**
Use Case: As a user, I want to be able to sign in to the MediKit system.	**Test Case:** Verify that a user can sign in.
Test Type: Functional	**Execution Type:** Manual
Objective: The user can successfully enter their details and sign in.	
Setup: Ensure the MediKit UI is deployed and accessible in the test environment or via web browser to the deployed version.	
Pre-Conditions: Implementation of the Sign In page, including the two textboxes and "Sign In" button has been completed. The user already has an account.	
Steps: • Enter the Username and Password into the text boxes • Click the "Sign In" button to sign in	
Time Constraint: Minimum: 2 minutes Maximum: 5 minutes	

US2	**TC2**
Use Case: As a user, I want to be able to select a face icon to answer how I am feeling today.	**Test Case:** Verify that a user can click all 5 face icons and the "Submit" button.
Test Type: Functional	**Execution Type:** Manual
Objective: The user can click all 5 face icons and the "Submit" button.	
Setup: Ensure the MediKit UI is deployed and accessible in the test environment or via web browser to the deployed version.	
Pre-Conditions: Implementation of the Welcome page, including the 5 face icons and "Submit" button has been completed.	
Steps: • Click all 5 face icons • Click the "Submit" button to submit and move to the next page	
Time Constraint: Minimum: 2 minutes Maximum: 5 minutes	

US3	TC3
Use Case: As a user, I want to be able to add a new patients information into the system, search for an existing patient or be redirected to the "Direct Functionaly" page.	**Test Case:** Verify that a user can select all three buttons and be redirected to the appropriate page.
Test Type: Functional	**Execution Type:** Manual

Objective: The user can select all three buttons, be redirected to the correct page and select the back arrow to move back to the Choose a Patient page.

Setup: Ensure the MediKit UI is deployed and accessible in the test environment or via web browser to the deployed version.

Pre-Conditions: Implementation of the Patient page, including the three buttons: "New Patient", "Existing Patient" and "Direct Functionality"

Steps:

- Click the "New Patient" button
- Be redirected to the New patient page
- Click the back arrow
- Click the "Existing Patient" button
- Be redirected to the Existing patient page
- Click the back arrow
- Click the "Direct Functionality" button
- Be redirect to the Direct Functionality page
- Click the back arrow

Time Constraint:

Minimum: 5 minutes

Maximum: 10 minutes

US4	TC4
Use Case: As a user, I want to be able to enter the details of a new patient.	**Test Case:** Verify that a user can enter the details of a new patient into the UI.
Test Type: Functional	**Execution Type:** Manual

Objective: Information can be entered into each text box, the drop down menus work and the "Add Patient" button can be pressed.

Setup: Ensure the MediKit UI is deployed and accessible in the test environment or via web browser to the deployed version.

Pre-Conditions: Implementation of the New Patient page, including all textboxes, drop down menus and the "Add Patient" button.

Steps:

- Enter text into each text box
- Select each option from each drop down menus
- Click the Add Patient Button

Time Constraint:

Minimum: 5 minutes

Maximum: 10 minutes

US5	TC5
Use Case: As a user, I want to be able to search for a patient using their: Name, DOB, Phone, Other names and Next of Kin.	**Test Case:** Verify that a user can search for an existing patient's details.

Test Type: Functional	**Execution Type:** Manual

Objective: The user can search for a patient and select the "Search Patient" button.

Setup: Ensure the MediKit UI is deployed and accessible in the test environment or via web browser to the deployed version.

Pre-Conditions: The implementation of the Existing patient page, including the text boxes, drop-down menus, and "Seach Patient" button, has been completed. The user already has an account.

Steps:

- Enter text into each text box
- Select each option from each drop-down menus
- Click the "Search Patient" Button

Time Constraint:

Minimum: 5 minutes

Maximum: 10 minutes

US6	TC6
Use Case: As a user, I want to be able to see the results of a searching for an existing patient.	**Test Case:** Verify that a user can see the results of an existing patient search.

Test Type: Functional	**Execution Type:** Manual

Objective: The user is shown the following details for their search: Name, Alias, DOB, Sex and Phone number.

Setup: Ensure the MediKit UI is deployed and accessible in the test environment or via web browser to the deployed version.

Pre-Conditions: Implementation of the Sign In page, including the two textboxes and "Sign In" button has been completed. The user already has an account.

Steps:

- From the Exisitng Patient Page, select the "Search Patient" button
- Be redirected to the Existing Patient Results page
- See the results of their search (the patient's details)

Time Constraint:

Minimum: 2 minutes

Maximum: 5 minutes

US7
Use Case: As a user, I want to be able to see preview of each consultation topic card and be guided through the process of filling out the form.

TC7
Test Case: Verify that a user can expand each card, enter input into the boxes and submit.

Test Type: Functional	**Execution Type:** Manual

Objective: The user can successfully navigate though the page, click all buttons, enter information into all text boxes and click the submit button.

Setup: Ensure the MediKit UI is deployed and accessible in the test environment or via web browser to the deployed version.

Pre-Conditions: Implementation of the Guided Consultation page, including the text boxes, expandable consultation cards, drop down menus,and all relevant components.

Steps:

- Expand each collapsable consultation card
- Enter text into each text box
- Select each drop-down menu
- Continue to the next page

Time Constraint:

Minimum: 10 minutes

Maximum: 15 minutes

US8
Use Case: As a user, I want to be able to see which page I am currently on in the system, select each icon in the status tray and click the chat bot to ask questions (on all pages except log in, welcome and home screen)

TC1
Test Case: Verify that a user can see each component and click on each icon in the status tray and the chat bot.

Test Type: Functional	**Execution Type:** Manual

Objective: The user can successfully click each icon.

Setup: Ensure the MediKit UI is deployed and accessible in the test environment or via web browser to the deployed version.

Pre-Conditions: Implementation of each component: status tray, step indicator and chat bot icon.

Steps:

- Click the wifi icon
- A pop up showing the current wifi connection
- Click the globe icon
- See a page for language translation
- Click the person icon
- Be redirected to the patient details page

- Click the settings icon
- Click the phone icon
- Click the emergeny icon
- Click the chat bot icon

Time Constraint:

Minimum: 2 minutes

Maximum: 5 minutes

US9	TC1
Use Case: As a user, I want to be able to access all basic information about my current patient.	**Test Case:** Verify that a user can see and navigate though the Patient Profile page.

Test Type: Functional	**Execution Type:** Manual

Objective: The user can see the current patients details and click the tabs to navigate between tabs of the patients information.

Setup: Ensure the MediKit UI is deployed and accessible in the test environment or via web browser to the deployed version.

Pre-Conditions: Implementation of the Patient profile page, including the General, History, Familty and Activity tabs. The user already has an account and is signed in.

Steps:

- Click the General Tab
- Click the History Tab
- Click the Family Tab
- Click the Activity Tab

Time Constraint:

Minimum: 2 minutes

Maximum: 5 minutes

US10	TC1
Use Case: As a user I should be able to select different screening tools from separate categories and see all icons.	**Test Case:** Verify a user can see and select each screening tool.

Test Type: Functional	**Execution Type:** Manual

Objective: The user can click and see all icons.

Setup: Ensure the MediKit UI is deployed and accessible in the test environment or via web browser to the deployed version.

Pre-Conditions: Implementation fo the Screening Tools page, including adding each screening tool icon. The user already has an account and is signed in.

Steps: Click each screening tool icon.

Time Constraint:

Minimum: 3

Maximum: 10

US11	**TC1**
Use Case: As a user I should be able to enter the following details: • General appearance • Signs of distress • Posture and mobility • Cognitive function	**Test Case:** Verify a user can enter text into each text box.

Test Type: Functional	**Execution Type:** Manual

Objective: Enter text into each text box to enter details.

Setup: Ensure the MediKit UI is deployed and accessible in the test environment or via web browser to the deployed version.

Pre-Conditions: Observation page has been implemented, including all four text boxes. User has an account.

Steps:

- Enter text into the "General appearance" text box
- Enter text into the "Signs of distress" text box
- Enter text into the Posture and mobility" text box
- Enter text into the "Cognitive function" text box

Time Constraint:

Minimum: 3

Maximum: 5

US12	**TC1**
Use Case: As a user I should be able to enter a patients temperature within a valid range.	**Test Case:** The user can enter a valid temperature into the text box on the Temperature Page.
Test Type: Functional	**Execution Type:** Manual

Objective: A valid temperature can be entered into the text box.

Setup: Ensure the MediKit UI is deployed and accessible in the test environment or via web browser to the deployed version.

Pre-Conditions: Temperature page and text box has been implemented. User has an account and is logged in.

Steps:

- Enter a number into the text box
- Enter a letter into the text box (should not appear on screen)
- Enter a symbol into the text box (should not appear on screen)

Time Constraint:

Minimum: 3

Maximum: 5

US13

Use Case: As a user I should be able to enter the following patient information:

- Systolic
- Diastolic
- Pulse

TC1

Test Case: The user can enter blood pressure related information and is presented from entering invalid numbers.

Test Type: Functional	**Execution Type:** Manual

Objective: User can enter a number only into all three text boxes.

Setup: Ensure the MediKit UI is deployed and accessible in the test environment or via web browser to the deployed version.

Pre-Conditions: Blood Pressure page and three text boxes have been implemented. User has an account and is logged in.

Steps:

- Enter a number into all three text boxes
- Enter a letter into all three text boxes (should not appear on screen)
- Enter a symbol into all three text boxes (should not appear on screen)

Time Constraint:

Minimum: 3

Maximum: 5

US14

Use Case: As a user I should be able to start a 12 second timer and access a help page.

TC1

Test Case: User can start and restart a 12 second timer by pushing a button and will be redirected to a help page upon clicking the help icon.

Test Type: Functional	**Execution Type:** Manual

Objective: Timer will count down from 12 when the user presses the button. ECG help guide page will show when the help icon is pressed.

Setup: Ensure the MediKit UI is deployed and accessible in the test environment or via web browser to the deployed version.

Pre-Conditions: ECG page is implemented. Timer is implemented. ECG help page is implemented. User has an account and is logged in.

Steps:

- Click the "Begin ECG Test" button
- Reclick the "Begin ECG Test" button when the 12 seconds has ran out
- Click the help icon

Time Constraint:

Minimum: 3

Maximum: 10

US15

Use Case: As a user I should be able to access the following subpages:

- Observation and vital sign
- ECG results
- Image analysis results
- Urinalysis results

TC1

Test Case: The user can access all four tabs/supbages and skip to Patient Education page.

Test Type: Functional

Execution Type: Manual

Objective: User can click on each tab and skip to Patient Education page.

Setup: Ensure the MediKit UI is deployed and accessible in the test environment or via web browser to the deployed version.

Pre-Conditions: Main results page has been implemented. Tab navigation has been implemented. All four subpages have been implemented. User has an account and is logged in.

Steps:

- Click the Observation and vital sign tab
- Click the ECG results tab
- Click the Image analysis results tab
- Click the Urinalysis results tab
- Click the "Patient Education" page

Time Constraint:

Minimum: 3

Maximum: 10

US16

Use Case: As a user I should be able to view key observations:

- Observations
- Temperature
- Blood pressure
- Pulse

TC1

Test Case: Navigate to Observations and Vital sign tab and view key observations.

Test Type: Functional

Execution Type: Manual

Objective: User can navigate to the Observations and vital sign tab and view key observations.

Setup: Ensure the MediKit UI is deployed and accessible in the test environment or via web browser to the deployed version.

Pre-Conditions: Main results page has been implemented. Tab navigation has been implemented. Observations and vital sign tab been implemented. User has an account and is logged in.

Steps:

- Click the Observation and vital sign tab
- See Observations information
- See Temperature information
- See Blood Pressure (Systolic and Diastolic) Information
- See Pulse information

Time Constraint:

Minimum: 2

Maximum: 5

US17

Use Case: As a user I should be able to see an ECG result graphs and AI analysis of the ECG results

TC1

Test Case: Navigate to ECG Results tab and view ECG graphs and AI analysis of ECG results.

Test Type: Functional

Execution Type: Manual

Objective: User can click on ECG Results tab and view graphs and AI analysis.

Setup: Ensure the MediKit UI is deployed and accessible in the test environment or via web browser to the deployed version.

Pre-Conditions: Main results page has been implemented. Tab navigation has been implemented. ECG Results tab has been implemented. User has an account and is logged in.

Steps:

- Click the ECG Results tab
- Drag Normal ECG Graph horizontally until end of graph is visible
- Scroll page down until Patient ECG Graph is visible
- Drag Patient ECG Graph horizontally until end of graph is visible
- Scroll page down to the bottom
- Click Diagnostic Classes button
- See list of Diagnostic Classes and AI analysis
- Click outside of Diagnostic Analysis popup to close
- Click Rhythm Classes button
- See list of Rhythm Classes and AI analysis
- Click outside of Rhythm Analysis popup to close

Time Constraint:

Minimum: 3

Maximum: 10

US18

Use Case: As a user I should be able to view an

TC1

Test Case: Navigate to Image Analysis Results tab

image from the throat imaging test and details of the image through a heat map and AI analysis	and view images and AI analysis.
Test Type: Functional	**Execution Type:** Manual

Objective: User can view throat images and AI analysis.

Setup: Ensure the MediKit UI is deployed and accessible in the test environment or via web browser to the deployed version.

Pre-Conditions: Main results page has been implemented. Tab navigation has been implemented. Image Analysis Results tab has been implemented. User has an account and is logged in.

Steps:

- Click the Image Analysis Results tab
- See Original Image
- See Image with Heatmap Effect
- See AI Image Analysis including
  - Potential Diagnosis
  - Symptoms
  - Treatment/Precautions

Time Constraint:

Minimum: 2

Maximum: 5

US19 **Use Case:** As a user I should be able to see and submit images from the throat and skin imaging tests and access testing instructions for each test.	**TC1** **Test Case:** Navigate through Throat Snapshot Analysis and Skin Snapshot Analysis sub pages, submit images and access help.
Test Type: Functional	**Execution Type:** Manual

Objective: User can navigate between Image Analysis tabs, submit images and access help popups.

Setup: Ensure the MediKit UI is deployed and accessible in the test environment or via web browser to the deployed version.

Pre-Conditions: Main screening page has been implemented. Images page has been implemented. Throat Snapshot Analysis and Skin Snapshot Analysis sub pages have been implemented.

Steps:

- Click the Images Icon
- Click the camera icon under the throat image
- Click the Submit Snapshot button
- Click outside the popup to close the message
- Click the help button in the button right corner
- See instructions for performing Throat Imaging
- Click outside instructions popup to close
- Click Skin Snapshot Analysis
- Click the camera icon under the skin image
- Click the Submit Snapshot button

- Click outside the popup to close the message
- Click the help button in the button right corner
- See instructions for performing Skin Imaging
- Click outside instructions popup to close

Time Constraint:

Minimum: 3

Maximum: 10

US20 **Use Case:** As a user I should be able to view charts and graphs showing test results and access a help popup explaining the page.	**TC1** **Test Case:** Click on buttons on Results Explanation page to display charts, graphs and a help popup.
Test Type: Functional	**Execution Type:** Manual

Objective: User can view charts and graphs showing test results and access a help popup.

Setup: Ensure the MediKit UI is deployed and accessible in the test environment or via web browser to the deployed version.

Pre-Conditions: Results Explanation page has been implemented.

Steps:

- Click the button under the text 'Your blood pressure risk is'
- See a Blood Pressure Chart
- Click the cross in the top right corner to close the chart
- Scroll down to the bottom of the page
- Click the button under the text 'Your blood glucose risk is'
- See a Blood Glucose Chart
- Click the cross in the top right corner to close the chart
- Click the button under the text 'Heartbeat'
- See 2 ECG Graphs, Normal ECG and Your ECG
- Scroll ECG Graphs horizontally to see the end of the graphs
- Click the cross in the top right corner to close the chart
- Click the help icon in the bottom right of the page
- See an explanation of the page's contents
- Click outside the help page to close

Time Constraint:

Minimum: 3

Maximum: 10

US21 **Use Case:** As a user I should be able to view and select recommendations	**TC1** **Test Case:** View and select Recommendations on Follow-Up Page
Test Type: Functional	**Execution Type:** Manual

Objective: User can view and select recommendations for patient.

Setup: Ensure the MediKit UI is deployed and accessible in the test environment or via web browser to the deployed version.

Pre-Conditions: Results Explanation page is implemented. Follow-Up page is implemented.

Steps:

- Scroll to bottom of Results Explanation page
- Click 'Continue to Plan' Button
- See recommendations in a list
- Click white checkbox next to recommendation to select
- Click checkbox again to unselect recommendation

Time Constraint:

Minimum: 2

Maximum: 5

US22	TC1
Use Case: As a user I should be able to view selected recommendations and a QR code and select a date for a follow-up appointment.	**Test Case:** View selected recommendations, view QR code and select date using popup calendar.
Test Type: Functional	**Execution Type:** Manual

Objective: User can see previously selected recommendations, view a QR code and use a calendar popup to chose a date.

Setup: Ensure the MediKit UI is deployed and accessible in the test environment or via web browser to the deployed version.

Pre-Conditions: Patient Plan Page is implemented.

Steps:

- See list of selected recommendations
- See QR code in bottom right section of page
- Click on 'Select a date' button
- Click on a date to choose for the next appointment
- Click outside calendar to close

Time Constraint:

Minimum: 2

Maximum: 5

US23	TC1
Use Case: As a user I should be able to view details and results of the consultation, I should be able to edit these details and confirm the accuracy of the report.	**Test Case:** Scroll through Medical Report page and click on text boxes, editing text and filling empty boxes. Finish with confirmation checkbox.

Test Type: Functional	Execution Type: Manual

Objective: User can view Medical Report details, edit and enter data and confirm accuracy.

Setup: Ensure the MediKit UI is deployed and accessible in the test environment or via web browser to the deployed version.

Pre-Conditions: Medical Report Page is implemented.

Steps:

- See textboxes on page containing consultation details
- Click on textbox with black text
- Add to textbox using keyboard
- See textbox updated with black text remaining
- Scroll down to Check-up details section
- Click on textbox with grey text
- Add to textbox using keyboard
- See textbox updated with new text only
- Scroll to bottom of page
- Click checkbox next to 'I have read this report…'
- Click checkbox again to uncheck

Time Constraint:

Minimum: 3

Maximum: 10

US24 **Use Case:** As a user I should be able to navigate to Worker sign in.	**TC1** **Test Case:** Click on navigation buttons to navigate to sign in page.
Test Type: Functional	**Execution Type:** Manual

Objective: User can click on navigation buttons to navigate to Worker sign in page.

Setup: Ensure the MediKit UI is deployed and accessible in the test environment or via web browser to the deployed version.

Pre-Conditions: Consultation Complete page is implemented. Worker Sign in page is implemented.

Steps:

- Click on logout
- See Worker sign in page

Time Constraint:

Minimum: 1

Maximum: 3

US25 **Use Case:** As a user I should be able to navigate to	**TC1** **Test Case:** Click on navigation button to navigate to

patient sign in.	patient sign in page.
Test Type: Functional	**Execution Type:** Manual

Objective: User can click on navigation buttons to navigate to Patient sign in page.

Setup: Ensure the MediKit UI is deployed and accessible in the test environment or via web browser to the deployed version.

Pre-Conditions: Consultation Complete page is implemented. Patient Sign in page is implemented.

Steps:

- Click on next patient
- See Patient Sign in Page

Time Constraint:

Minimum: 1

Maximum: 3