**Test Case Planning**

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1. Use Case 2 - *Physician Access, tracking, and editing of data*

| Test Case ID | TC01 - Verify Provider Can Log In and Access the System |
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| Test Objective | Verify provider's login |
| Preconditions | Provider credentials are valid |
| Test steps | 1. Open the app<br>2.Navigate to the software login page<br>3.Enter valid provider username and password.<br>4.Click the login button. |
| Input Values | Email: johndoe@gmail.com<br><br>Password: ExamplePass&123<br><br>Confirm Password: ExamplePass&123 |
| Expected results | 1. The provider successfully logs into the system and is redirected to the home page |

| Test Case ID | TC02 - Verify Provider Can View Assigned Patient Data |
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| Test Objective | Verify Provider can view patient data |
| Preconditions | The provider is logged into the system. |

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| | **The system has patient data assigned to the provider.** |
| **Test steps** | **1.Open the app**<br>**2.Successfully login**<br>**3.Navigate to the "Patient List" or "Dashboard."**<br>**4.Select a patient from the list.** |
| **Input Values** | **1. Valid login**<br><br>**Email: johndoe@gmail.com**<br><br>**Password: ExamplePass&123**<br><br>**Confirm Password: ExamplePass&123** |
| **Expected results** | **Provider can view patient's tracked data** |

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| **Test Case ID** | **TC03 - Verify provider can view graph** |
| **Test Objective** | **Verify the provider is able to view patient's graph** |
| **Preconditions** | **1. Navigate to the software login page**<br>**2.Enter valid provider username and password.**<br>**3.Click the login button.** |
| **Test steps** | **1.Open the app**<br>**2.Successfully login**<br>**3.Navigate to the "Patient List" or "Dashboard."**<br>**4.Select a patient from the list.** |
| **Input Values** | **1. Valid login**<br><br>**Email: johndoe@gmail.com** |

|  | Password: ExamplePass&123 Confirm Password: ExamplePass&123 |
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| Expected results | Provider is able to view graph of patient data |

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| Test Case ID | TC04 - Verify Provider Registration |
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| Test Objective | Verify a physician can successfully register |
| Preconditions | 1. Verified and valid email address and password<br>2. Password must have at least 8 characters, a combination of uppercase, lowercase, numbers, and a symbol. |
| Test steps | 1. Click on the registration page<br>2. Enter a valid, verified email address<br>3. Enter the valid password<br>4. Confirm password<br>5. Click register button |
| Input Values | Normal registration<br><br>Email: johndoe@gmail.com<br><br>Password: ExamplePass&123<br><br>Confirm Password: ExamplePass&123<br><br>4. Invalid registration<br><br>Email: johndoe@gmail.com |

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| | **Password: ExamplePass&123**<br><br>**Confirm Password: ExamplePass&123** |
| **Expected results** | **4. Account successfully created**<br><br>    **a. Confirmation message showing**<br><br>    **successful registration**<br><br>    **b. User redirected to login page**<br><br>**5. Password isn't meeting the requirements**<br><br>    **a. Missing number or @**<br><br>**6. Already have an Account**<br><br>    **a. Email address** |