Expanded Use Cases

**1****. Log in**

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| Use Case | Log in |
| Goal in Context | Allow Test Centre Officer to access the website home page |
| Primary Actor  Secondary Actor | Test Centre Officer and Patient  **-** |
| Typical Course of Events | |
| Actor Actions | **System Response** |
| 1. Process begins when the Test Centre Officer/Patient input their username and password and click the login button | 2. System will verify the input data, whether it matches the data in database or not |
|  | 3. System will navigate the user to their homepage/password |
| Alternative Course | |
| 1a: If Test Centre Officer or Patient inputs incorrect username or password, then the system will display a warning notification that includes an instruction to try log in again | |

**2. View Test Kit**

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| Use Case | View identity |
| Goal in Context | Allow Test Centre Manager to view a list of test kit data |
| Primary Actor  Secondary Actor | Test Centre Manager  **-** |
| Typical Course of Events | |
| Actor Actions | **System Response** |
| 1. Process begins after Test Centre Manager has successfully login to system | 1. System will navigate Test Centre Manager to their dashboard |
| 1. Test Centre Manager clicks test kit menu | 1. System displays a list of test kit data |
| Alternative Course | |
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**3. Manage Test Kit**

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| Use Case | View identity |
| Goal in Context | Allow Test Centre Manager to add test kit or update test kit stock |
| Primary Actor  Secondary Actor | Test Centre Manager  **-** |
| Typical Course of Events | |
| Actor Actions | **System Response** |
| 1. Process begins after Test Centre Manager has successfully login to system | 1. System will navigate Test Centre Manager to their dashboard |
| 1. Test Centre Manager clicks test kit menu | 1. System will display a list of test kit data |
| 1. Test Centre Manager clicks add test kit | 1. System will navigate Test Centre Manager to add test kit page and display test kit data form |
| 1. Test Centre Manager fills in the data for the name of the test kit and the amount of stock on the form provided, then clicks the submit button | 1. System will store the data that has been entered by the Test Centre Manager into the database then Test Centre Manager will be directed to the test kit page and a message that notifies success in adding the test kit is displayed |
| Alternative Course | |
| 5a: if test kit is already recorded in the database, Test Centre Manager will be able to update the stock amount of the available test kit | |

**4. View Test Centre**

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| Use Case | View identity |
| Goal in Context | Allow Test Centre Manager to view the list of test centre |
| Primary Actor  Secondary Actor | Test Centre Manager  **-** |
| Typical Course of Events | |
| Actor Actions | **System Response** |
| 1. Process begins after Test Centre Manager has successfully login to system | 1. System will navigate Test Centre Manager to their dashboard |
| 1. Test Centre Manager clicks the test centre menu | 1. System will display a list of test centre data |
| Alternative Course | |
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**5. Register Test Centre**

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| --- | --- |
| Use Case | View identity |
| Goal in Context | Allow Test Centre Manager to register test centre |
| Primary Actor  Secondary Actor | Test Centre Manager  **-** |
| Typical Course of Events | |
| Actor Actions | **System Response** |
| 1. Process begins after Test Centre Manager has successfully login to system | 1. System will navigate Test Centre Manager to their dashboard |
| 1. Test Centre Manager clicks test centre menu | 1. System will display a list of test centre data |
| 1. Test Centre Manager clicks add test centre button | 1. System will navigate to Test Centre Manager to add test centre page and displays test centre data form |
| 1. Test Centre Manager fills in the name and address of the test centre on the form and then clicks the submit button | 1. System will store the data that has been inputted by the Test Centre Manager into the database, then Test Centre Manager will be directed to the test centre page and a message that notifies success in registering the test centre is displayed |
| Alternative Course | |
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**6. View Test Centre Officer**

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| --- | --- |
| Use Case | View identity |
| Goal in Context | Allow Test Centre Manager to view a list of test centre officer data |
| Primary Actor  Secondary Actor | Test Centre Manager  **-** |
| Typical Course of Events | |
| Actor Actions | **System Response** |
| 1. Process begins after Test Centre Manager has successfully login to system | 1. System will navigate Test Centre Manager to their dashboard |
| 1. Test Centre Manager clicks test centre officer menu | 1. System will display a list of test centre officer data |
| Alternative Course | |
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**7. Record Tester**

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| Use Case | View identity |
| Goal in Context | Allow Test Centre Manager to record tester |
| Primary Actor  Secondary Actor | Test Centre Manager  **-** |
| Typical Course of Events | |
| Actor Actions | **System Response** |
| 1. Process begins after Test Centre Manager successfully login to system | 1. System will navigate Test Centre Manager to their dashboard |
| 1. Test Centre Manager clicks test centre officer menu | 1. System will display a list of test centre data |
| 1. Test Centre Manager clicks edit button on the test centre officer whose position is going to be changed to tester | 1. System will navigate Test Centre to the test centre officer edit page and display the test centre officer data form |
| 1. Test Centre Manager changes the position of test centre officer from “officer” to “tester” | 1. System will store the data that has been entered by the Test Centre Manager into the database then the Test Centre Manager will be navigated to the test centre officer page and a message appears that notifies success in recording tester is displayed |
| Alternative Course | |
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**8. Record Officer**

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| --- | --- |
| Use Case | View identity |
| Goal in Context | Allow Test Centre Manager to record test centre officer |
| Primary Actor  Secondary Actor | Test Centre Manager  Test Centre Officer |
| Typical Course of Events | |
| Actor Actions | **System Response** |
| 1. Process begins after Test Centre Manager successfully login to system | 1. System will navigate Test Centre Manager to their dashboard |
| 1. Test Centre Manager clicks test centre officer menu | 1. System will display a list of test centre officer data |
| 1. Test Centre Manager clicks add test centre officer button | 1. System will navigate Test Centre Manager to add test centre officer page and display test centre officer data form |
| 1. Test Centre Manager fills in the data for username, password, and other test centre officer data on the form provided and then clicks the submit button | 1. Sistem will store the data that has been entered by Test Centre Manager into the database then Test Centre Manager will be navigated to the test centre officer page and a message that notifies success in recording test centre officer is displayed |
| Alternative Course | |
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**9. Record New Test**

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| Use Case | View identity |
| Goal in Context | Allow Test Centre Tester to record new Covid Test report |
| Primary Actor  Secondary Actor | Tester  Patient |
| Typical Course of Events | |
| Actor Actions | **System Response** |
| 1. Process begins after Tester successfully login to system | 1. System will navigate Tester to their dashboard |
| 1. Tester clicks Patient Test menu | 1. System will display a list of Patient Test data |
| 1. Tester clicks add new test button | 1. System will navigate Tester to add new test page and display patient data and test data form |
| 1. Tester fills in the patient username, password, and other patient data, as well as test-related data which includes patient type and symptoms in the form provided and then clicks the submit button | 1. System will store the data that has been entered by Tester into the database then the Tester will be directed to the Patient Test page and a message that notifies success in recording new test is displayed |
| Alternative Course | |
| 5a: If patient has already done the test before, then Tester only needs to enter patient type and symptoms into the form provided | |

**10. Update Test Result**

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| Use Case | View identity |
| Goal in Context | Allow tester to update patient test result data |
| Primary Actor  Secondary Actor | Tester  **-** |
| Typical Course of Events | |
| Actor Actions | **System Response** |
| 1. Process begins after Tester successfully login to system | 1. System will navigate Tester to their dashboard |
| 1. Tester clicks Patient Test menu | 1. System will display a list of patient test data |
| 1. Tester clicks the edit button on the test patient data that needs to be updated | 1. System will navigate Tester to edit test patient page and display patient test data form |
| 1. Tester updates patient status data and result | 1. System will store the data that has been entered by Tester into the database then Tester will be navigated to the Patient Test page and a message that notifies success in updating patient test data is displayed |
| Alternative Course | |
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**11. Generate Test Report**

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| Use Case | View identity |
| Goal in Context | Allow Test Centre Officer to view a history of patient test report |
| Primary Actor  Secondary Actor | Test Centre Officer  **-** |
| Typical Course of Events | |
| Actor Actions | **System Response** |
| 1. Process begins after Test Centre Officer successfully login to system | 1. System will navigate Test Centre Officer to their homepage |
| 1. Test Centre Officer clicks Test Report menu | 1. System will display a list of all patient test report on the test centre which the officer is employed at |
| Alternative Course | |
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**12. View Testing History**

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| Use Case | View identity |
| Goal in Context | Allow Patient to view a history of all test that they have done |
| Primary Actor  Secondary Actor | Patient  **-** |
| Typical Course of Events | |
| Actor Actions | **System Response** |
| 1. Process begins after Patient has successfully login to system | 1. System will navigate Patient to their homepage |
| 1. Patient clicks Test Report menu | 1. System will display history of the patient’s test report |
| Alternative Course | |
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**13. Log out**

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| Use Case | Log out |
| Goal in Context | Allow Test Centre Officer and Patient to log out from the website system |
| Primary Actor  Secondary Actor | Test Centre Officer and Patient  **-** |
| Typical Course of Events | |
| Actor Actions | **System Response** |
| 1. Process begins after Test Centre Officer/Patient has done everything they want to do on the system and wants to log out |  |
| 1. Test Centre Officer/Patient clicks logout button | 1. System will display a message questioning whether Test Centre Officer/Patient really wants to log out from system |
| 1. Test Centre Officer/Patient clicks Yes on the message | 1. System will end the login session of the Test Centre Officer/Patient and redirect to login page |
| Alternative Course | |
| 4a: If the officer/patient clicks on the No button, the logout will be canceled | |