1. **Ni Putu Dwi Candra Pertiwi**

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| --- | --- |
| **Use Case** | **Name** |
| Logout | Ni Putu Dwi Candra Pertiwi |
| Manage User Profile | Ni Putu Dwi Candra Pertiwi |
| Update Test Result | Ni Putu Dwi Candra Pertiwi |
| View Test History | Ni Putu Dwi Candra Pertiwi |
| Generate Test Report | Ni Putu Dwi Candra Pertiwi |

**Test Objectives : Ni Putu Dwi Candra Pertiwi**

1. User interface design is able to perform and show the page correctly for each user type, all the buttons, links, and pages should be able to direct user to the right pages.
2. System should be able to perform user logout correctly.
3. All user should be able to manage user profile correctly.
4. Tester user should be able to record new test and update test result correctly.
5. Patient user should be able to view their test history

## **Test Plan : Ni Putu Dwi Candra Pertiwi**

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| --- | --- | --- | --- |
| Type of Testing | Strategy/Approach | Tools (if any) | Schedule |
| Unit Testing   * Logout * Manage User Profile * Update Test Result * View Test History * Record New Test | Black-Box | PHP-Storm | From yr gantt chart  22/3/21 – 27/04/21 |
| Integration Testing | Black-Box | PHP-Storm | From yr gantt chart  22/3/21 – 27/04/21 |
| Functional Testing | Black-Box | PHP-Storm | From yr gantt chart  22/3/21 – 27/04/21 |
| Non-Functional Testing | Black-Box | PHP-Storm | From yr gantt chart  22/3/21 – 27/04/21 |

## **Test Result**

### **Unit Testing**

* **Logout**

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| Test ID | R-002 | | | |
| Use Case | Logout | | | |
| Test Description | User logout from the system | | | |
| Source Code |  | | | |
|  | **Test Data** | **Expected Output** | **Actual Output** | **Remark(s)** |
| Test Case 1: | User click the logout button | Back to login page | Back to login page |  |

* **Manage User Profile**

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| --- | --- | --- | --- | --- |
| Test ID | R-003 | | | |
| Use Case | Manage User Profile | | | |
| Test Description | User able to edit their profile by editing their data information. | | | |
| Source Code |  | | | |
|  | **Test Data** | **Expected Output** | **Actual Output** | **Remark(s)** |
| Test Case 1: | 1. password: bagus123  2. name: Armani Bagus  3. phone number: 081235779653  4. address: Jl. Raya Puputan No.86, Kota Denpasar, Bali | Data in database updated and data in form updated. | Data in database updated and data in form updated. |  |
| Test Case 2: | Password:  Full Name:  Phone Number:  Address: | System will reload but data in database does not updated | System will reload but data in database does not updated |  |

* **Update Test Result**

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| --- | --- | --- | --- | --- |
| Test ID | R-008 | | | |
| Use Case | Update Test Result | | | |
| Test Description | User Tester recording updating the data for the covid test available that has been registered before. | | | |
| Source Code |  | | | |
|  | **Test Data** | **Expected Output** | **Actual Output** | **Remark(s)** |
| Test Case 1: | 1. Test ID: 12  2. Date: 8/April/2021  3. Result: Positive  4. Result Date: 9/April/2021  5. Status: Completed | Data that is chosen to be updated will be updated in the database and deleted from the table of update test result. | Data that is chosen to be updated will be updated in the database and deleted from the table of update test result. |  |
| Test Case 2: | 1. Test ID:  2. Date:  3. Result:  4. Result Date:  5. Status: | Pop up error “Empty Field!” | Pop up error “Empty Field!” |  |

* **View Test Result**

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| --- | --- | --- | --- | --- |
| Test ID | R-009 | | | |
| Use Case | View Test Result | | | |
| Test Description | User Patient viewing the details of the test they took to see the result of the covid test. | | | |
| Source Code |  | | | |
|  | **Test Data** | **Expected Output** | **Actual Output** | **Remark(s)** |
| Test Case 1: | Patient select button view details in the table of test report. | System will direct user to the details of test report. | System will direct user to the details of test report. |  |

* **Generate Test Report**

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| --- | --- | --- | --- | --- |
| Test ID | R-0010 | | | |
| Use Case | Generate Test Report | | | |
| Test Description | User Manager and Tester generate the test report of a specific test | | | |
| Source Code |  | | | |
|  | **Test Data** | **Expected Output** | **Actual Output** | **Remark(s)** |
| Test Case 1: | User select button view details in the table of test report. | System will direct user to the details of test report. | System will direct user to the details of test report. |  |

### **Integration Testing**

* **Logout**

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| --- | --- | --- | --- | --- |
| Test ID | R-002 | | | |
| Use Case | User : Logout 🡪 Login Page | | | |
| Test Description | Logout test is expected direct the user exit the system and enter the login page | | | |
|  | Test Data | Expected Output | Actual Output | Remark(s) |
| Test Case 1: | User click logout button | User is directed to login page. If user open multiple pages of the system, all the pages will also be directed to login page. | User is directed to login page. If user open multiple pages of the system, all the pages will also be directed to login page. |  |

* **Manage User Profile**

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| --- | --- | --- | --- | --- |
| Test ID | R-003 | | | |
| Use Case | User : Login 🡪 Manage User Profile | | | |
| Test Description | Checking if the system is available to perform the function and validate the user input in the textfield. | | | |
|  | Test Data | Expected Output | Actual Output | Remark(s) |
| Test Case 1: | 1. password: bagus123  2. name: Armani Bagus  3. phone number: 081235779653  4. address: Jl. Raya Puputan No.86, Kota Denpasar, Bali | Edit successfully. | Edit successfully |  |
| Test Case 2: | Password:  Full Name: Made Armani  Phone Number:  Address: Jl Raya Kenangan | Edit unsuccessful. | Edit unsuccessful. |  |
| Test Case 2: | Full Name: Puri Bunda  Phone Number:  Address: | Register unsuccessful. | Register unsuccessful. |  |

* **Update Test Result**

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| --- | --- | --- | --- | --- |
| Test ID | R-008 | | | |
| Use Case | Tester : Login 🡪 Update Test Result | | | |
| Test Description | Checking if the system is available to perform the function and validate the user input in the textfield. | | | |
|  | Test Data | Expected Output | Actual Output | Remark(s) |
| Test Case 1: | 1. Test ID: 12  2. Date: 8/April/2021  3. Result: Positive  4. Result Date: 9/April/2021  5. Status: Completed | Updates successfully. | Updated successfully |  |
| Test Case 2: | 1. Test ID: 10  2. Date:  3. Result: positive  4. Result Date:  5. Status: | Update unsuccessful. | Record unsuccessful. |  |

* **View Test History**

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| --- | --- | --- | --- | --- |
| Test ID | R-009 | | | |
| Use Case | Patient : Login 🡪 View Test Report | | | |
| Test Description | Checking if the system is available to perform the function and show the detailed test report. | | | |
|  | Test Data | Expected Output | Actual Output | Remark(s) |
| Test Case 1: | Test result should be updated by tester | View Detailed Test Report | View Detailed Test Report |  |
| Test Case 2: | Test result haven’t been updated by tester | View Detailed test report but a few field will be empty. | View Detailed test report but a few field will be empty. |  |

* **Generate Test Report**

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| --- | --- | --- | --- | --- |
| Test ID | R-0010 | | | |
| Use Case | User Officer : Login 🡪 Generate Test Report | | | |
| Test Description | Checking if the system is available to perform the function and show the detailed test report. | | | |
|  | Test Data | Expected Output | Actual Output | Remark(s) |
| Test Case 1: | User click on the data that will be generated | View Detailed Test Report | View Detailed Test Report |  |

**3. System Testing**

• **Functional Requirement**

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| Test ID | R-002 | | | |
| Use Case | Logout | | | |
| Test Description | User logout from the system | | | |
|  | Test Data | Expected Output | Actual Output | Remark(s) |
| Test Case 1: | User (Manager/Tester/Patient) click Logout button | Direct to Login page | Login page |  |

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| --- | --- | --- | --- | --- |
| Test ID | R-003 | | | |
| Use Case | Manage User Profile | | | |
| Test Description | Edit User Profile | | | |
|  | Test Data | Expected Output | Actual Output | Remark(s) |
| Test Case 1: | 1. password = “bagus123” 2. name = “Armani Bagus” 3. phone number = “081235779653” 4. address = “Jl. Raya Puputan No.86, Kota Denpasar, Bali” | Direct to My Profile page and user data will be changed | Direct to My Profile page and user data changed |  |

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| --- | --- | --- | --- | --- |
| Test ID | R-008 | | | |
| Use Case | Update Test Result | | | |
| Test Description | Update Test result with Test status Pending | | | |
|  | Test Data | Expected Output | Actual Output | Remark(s) |
| Test Case 1: | 1. Tester click update button in right side of specific Covid-19 Test Report table 2. result = “Positive Covid-19” 3. result date = “01/04/2021” 4. status = “Completed” | Direct to Update Test Result page and the Covid-19 Test Report table will be updated | Direct to Update Test Result page and the Covid-19 Test Report table updated |  |

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| --- | --- | --- | --- | --- |
| Test ID | R-009 | | | |
| Use Case | View Test History | | | |
| Test Description | User Patient viewing the details of the test they took to see the result of the covid test | | | |
|  | Test Data | Expected Output | Actual Output | Remark(s) |
| Test Case 1: | Patient select button view details in the table of test report | System will direct patient to the details of test report page | System direct patient to the details of test report |  |

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| --- | --- | --- | --- | --- |
| Test ID | R-010 | | | |
| Use Case | Generate Test Report | | | |
| Test Description | User Manager and Tester generate the test report of a specific test | | | |
|  | Test Data | Expected Output | Actual Output | Remark(s) |
| Test Case 1: | User (Manager/Tester) select button view details in the table of test report | System will direct user to the details of test report page | System will direct user to the details of test report page |  |

**Non-Functional Requirement**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test ID | R-002 | | | |
| Use Case | Logout | | | |
| Test Description | User logout from the system | | | |
|  | Test Data | Expected Output | Actual Output | Remark(s) |
| Test Case 1: | User (Manager/Tester/Patient) click Logout button | Direct to Login page | Login page |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test ID | R-003 | | | |
| Use Case | Manage User Profile | | | |
| Test Description | Edit User Profile | | | |
|  | Test Data | Expected Output | Actual Output | Remark(s) |
| Test Case 1: | 1. password = “” 2. name = “” 3. phone number = “” 4. address = “” | An error message will be displayed | An error message displayed |  |

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| --- | --- | --- | --- | --- |
| Test ID | R-008 | | | |
| Use Case | Update Test Result | | | |
| Test Description | Update Test result with Test status Pending | | | |
|  | Test Data | Expected Output | Actual Output | Remark(s) |
| Test Case 1: | 1. Tester click update button in right side of specific Covid-19 Test Report table 2. result = “” 3. result date = “” 4. status = “” | An error message will be displayed | An error message displayed |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test ID | R-009 | | | |
| Use Case | View Test History | | | |
| Test Description | User Patient viewing the details of the test they took to see the result of the covid test | | | |
|  | Test Data | Expected Output | Actual Output | Remark(s) |
| Test Case 1: | Patient select button view details in the table of test report before the Test result updated by Tester | System will direct patient to the details of test report, but a few field will be empty | System direct patient to the details of test report, but a few field will be empty |  |

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| --- | --- | --- | --- | --- |
| Test ID | R-010 | | | |
| Use Case | Generate Test Report | | | |
| Test Description | User Manager and Tester generate the test report of a specific test | | | |
|  | Test Data | Expected Output | Actual Output | Remark(s) |
| Test Case 1: | User (Manager/Tester) select button view details in the table of test report | System will direct user to the details of test report, but a few field will be empty | System will direct user to the details of test report, page but a few field will be empty |  |