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| **Project Name: Clinic** | | | **Test Designed by: MD. TAUHIDUL ISLAM** | | |
| **Test Case ID: 20** | | | Test Designed date: 02/7/2025 | | |
| **Test Priority (Low, Medium, High): High** | | | Test Executed by: **MD. TAUHIDUL ISLAM** | | |
| **Module Name: Login session** | | | Test Execution date: 15/09/2025 | | |
| **Test Title: Successful login with valid credentials.** | | |  | | |
| **Description: Test the website login page with valid credentials** | | |  | | |
| **Precondition: The user has a valid email and password.** | | | | | |
| **Dependencies: The user must have valid email** | | | | | |
| **Test Steps** | **Test Data** | **Expected Results** | | **Actual Results** | **Status (Pass/Fail)** |
| 1. **Open the Clinic Management mobile application login page.** 2. **Enter the valid email and password** 3. **Tap on the "Login" button.** | email: urs99@gmail.com  Password: 321 | The user should be redirected to the homepage and a valid session should be created. | | Passwords matches | pass |

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| **Project Name: Clinic** | | | **Test Designed by: MD. TAUHIDUL ISLAM** | | |
| **Test Case ID: 21** | | | Test Designed date: 02/7/2025 | | |
| **Test Priority (Low, Medium, High): High** | | | Test Executed by: **MD. TAUHIDUL ISLAM** | | |
| **Module Name: Login session** | | | Test Execution date: 15/09/2025 | | |
| **Test Title: Login with invalid credentials** | | |  | | |
| **Description: Verify that the system displays an error message and denies access when a user enters invalid login credentials** | | |  | | |
| **Precondition:** **The user must have a registered account in the system.** | | | | | |
| **Dependencies: A valid user account must exist in the system**. | | | | | |
| **Test Steps** | **Test Data** | **Expected Results** | | **Actual Results** | **Status (Pass/Fail)** |
| 1. **Open the Clinic Management mobile application login page.** 2. **Enter the valid email and password .** 3. **Tap on the "Login" button.** | Email: urs999@mail.com Password: 321 | **System should show an error message like "Invalid mail or password" and should not create a session** | | Password don’t match | pass |

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| **Project Name: Clinic** | | | **Test Designed by: MD. TAUHIDUL ISLAM** | | |
| **Test Case ID: 22** | | | Test Designed date: 02/7/2025 | | |
| **Test Priority (Low, Medium, High): High** | | | Test Executed by: **MD. TAUHIDUL ISLAM** | | |
| **Module Name: Login session** | | | Test Execution date: 15/09/2025 | | |
| **Test Title: Login with invalid credentials** | | |  | | |
| **Description: Verify that the system displays an error message and denies access when a user enters invalid login credentials** | | |  | | |
| **Precondition: The user must have a registered account.** | | | | | |
| **Dependencies: Login page is accessible** | | | | | |
| **Test Steps** | **Test Data** | **Expected Results** | | **Actual Results** | **Status (Pass/Fail)** |
| 1. **Open the Clinic Management mobile application login page.** 2. **Enter the valid email and password .** 3. **Tap on the "Login" button.** | **email:** usr991@email.com  **Password:** 321 | System displays an error message like "Invalid email or password . | | credentials do not match | pass |

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| **Project Name: Clinic** | | | **Test Designed by: MD. TAUHIDUL ISLAM** | | |
| **Test Case ID: 23** | | | Test Designed date: 02/7/2025 | | |
| **Test Priority (Low, Medium, High): High** | | | Test Executed by: **MD. TAUHIDUL ISLAM** | | |
| **Module Name: Login session** | | | Test Execution date: 15/09/2025 | | |
| **Test Title: Session Expiration after Inactivity** | | |  | | |
| **Description: Verify that the system logs out a user automatically after a period of inactivity.** | | |  | | |
| **Precondition: Mobile app installed with internet connection.** | | | | | |
| **Dependencies: Session management system is implemented** | | | | | |
| **Test Steps** | **Test Data** | **Expected Results** | | **Actual Results** | **Status (Pass/Fail)** |
| 1. **Open the Clinic Management mobile application login page.** 2. **Enter the valid email and password .** 3. **Tap on the "Login" button..** | **email: user1234@gmail.com Password: abc** | **After inactivity, the session expires, and the user is redirected to the login page.** | | The user is automatically logged out after inactivity, and any attempt to access secure pages redirects to the login page. | pass |