|  |  |
| --- | --- |
| **Project Name: Attendance Management System** | |
| **Test Cases** | |
| **Test Case ID: S1** | **Test Designed by:** Selmy |
| **Test Priority (Low/Medium/High):** High | **Test Designed date:** 28 Feb. 2024 |
| **Module Name:** Login Form | **Test Executed by:** Selmy |
| **Test Title:** Verify login with email and password | **Test Execution date:** 28 Feb. 2024 |
| **Description:** Test login for admin teacher and student |  |
|  |  |
|  |  |
| **Pre-conditions: admin** has valid email and password | |
| **Dependencies:** | |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Step** | **Test Steps** | **Test Data** | **Expected Result** | **Actual Result** | **Status (Pass/Fail)** | **Notes** |
| 1 | Launch application | None | Open Login form | Login form has been opened | Pass |  |
| 2 | Provide valid email | Email: nayira@gmail.com |  |  | Pass |  |
| 3 | Provide valid password | Password: nayira |  |  | Pass |  |
| 4 | Click on Login button | None | Login to admin dashboard | Logged into admin dashboard | Pass |  |
|  |  |  |  |  |  |  |

**Post-conditions:**

Admin is valid with data

|  |  |
| --- | --- |
| **Project Name: Attendance Management System** | |
| **Test Cases** | |
| **Test Case ID: S2** | **Test Designed by:** Selmy |
| **Test Priority (Low/Medium/High):** High | **Test Designed date:** 28 Feb. 2024 |
| **Module Name:** Login Form | **Test Executed by:** Selmy |
| **Test Title:** Verify login with email and password | **Test Execution date:** 28 Feb. 2024 |
| **Description:** Test login for admin teacher and student |  |
|  |  |
|  |  |
| **Pre-conditions: Teacher** has valid email and password | |
| **Dependencies:** | |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Step** | **Test Steps** | **Test Data** | **Expected Result** | **Actual Result** | **Status (Pass/Fail)** | **Notes** |
| 1 | Launch application | None | Open Login form | Login form has been opened | Pass |  |
| 2 | Provide valid email | Email: nada@gmail.com |  |  | Pass |  |
| 3 | Provide valid password | Password: nada |  |  | Pass |  |
| 4 | Click on Login button | None | Login to teacher dashboard | Logged into teacher dashboard | Pass |  |
|  |  |  |  |  |  |  |

**Post-conditions:**

Teacher is valid with data

|  |  |
| --- | --- |
| **Project Name: Attendance Management System** | |
| **Test Cases** | |
| **Test Case ID: S3** | **Test Designed by:** Selmy |
| **Test Priority (Low/Medium/High):** High | **Test Designed date:** 28 Feb. 2024 |
| **Module Name:** Login Form | **Test Executed by:** Selmy |
| **Test Title:** Verify login with email and password | **Test Execution date:** 28 Feb. 2024 |
| **Description:** Test login for admin teacher and student |  |
|  |  |
|  |  |
| **Pre-conditions: Student** has valid email and password | |
| **Dependencies:** | |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Step** | **Test Steps** | **Test Data** | **Expected Result** | **Actual Result** | **Status (Pass/Fail)** | **Notes** |
| 1 | Launch application | None | Open Login form | Login form has been opened | Pass |  |
| 2 | Provide valid email | Email: selmy@gmail.com |  |  | Pass |  |
| 3 | Provide valid password | Password: selmy |  |  | Pass |  |
| 4 | Click on Login button | None | Login to student dashboard | Logged into student dashboard | Pass |  |
|  |  |  |  |  |  |  |

**Post-conditions:**

Student is valid with data

|  |  |
| --- | --- |
| **Project Name: Attendance Management System** | |
| **Test Cases** | |
| **Test Case ID: S4** | **Test Designed by:** Selmy |
| **Test Priority (Low/Medium/High):** High | **Test Designed date:** 28 Feb. 2024 |
| **Module Name:** Login Form | **Test Executed by:** Selmy |
| **Test Title:** Verify login with email and password | **Test Execution date:** 28 Feb. 2024 |
| **Description:** Test login for admin teacher and student |  |
|  |  |
|  |  |
| **Pre-conditions: user** has invalid email and password | |
| **Dependencies:** | |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Step** | **Test Steps** | **Test Data** | **Expected Result** | **Actual Result** | **Status (Pass/Fail)** | **Notes** |
| 1 | Launch application | None | Open Login form | Login form has been opened | Pass |  |
| 2 | Provide valid email | Email: invalid@gmail.com |  |  | Pass |  |
| 3 | Provide valid password | Password: invalid |  |  | Pass |  |
| 4 | Click on Login button | None | Refuse to Login | Refused to login | Pass |  |
|  |  |  |  |  |  |  |

**Post-conditions:**

Validation works correctly

|  |  |
| --- | --- |
| **Project Name: Attendance Management System** | |
| **Test Cases** | |
| **Test Case ID: S5** | **Test Designed by:** Selmy |
| **Test Priority (Low/Medium/High):** Med | **Test Designed date:** 28 Feb. 2024 |
| **Module Name:** Forget Password Form | **Test Executed by:** Selmy |
| **Test Title:** Verify Forget Password with email | **Test Execution date:** 28 Feb. 2024 |
| **Description:** Test Forget password for valid/invalid user |  |
|  |  |
|  |  |
| **Pre-conditions: user** has valid email | |
| **Dependencies:** | |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Step** | **Test Steps** | **Test Data** | **Expected Result** | **Actual Result** | **Status (Pass/Fail)** | **Notes** |
| 1 | Launch application | None | Open Login form | Login form has been opened | Pass |  |
| 2 | Click on Forget password button | None | Open Forget Password form | Password form has been opened | pass |  |
| 3 | Provide valid email | Email: selmy@gmail.com |  |  | Pass |  |
| 4 | Click on Verify button | None | Provide forgotten password | Forgotten password has been provided | Pass |  |
|  |  |  |  |  |  |  |

**Post-conditions:**

forget password form is valid with data

|  |  |
| --- | --- |
| **Project Name: Attendance Management System** | |
| **Test Cases** | |
| **Test Case ID: S6** | **Test Designed by:** Selmy |
| **Test Priority (Low/Medium/High):** Med | **Test Designed date:** 28 Feb. 2024 |
| **Module Name:** Forget Password Form | **Test Executed by:** Selmy |
| **Test Title:** Verify Forget Password with email | **Test Execution date:** 28 Feb. 2024 |
| **Description:** Test Forget password for valid/invalid user |  |
|  |  |
|  |  |
| **Pre-conditions: user** has invalid email | |
| **Dependencies:** | |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Step** | **Test Steps** | **Test Data** | **Expected Result** | **Actual Result** | **Status (Pass/Fail)** | **Notes** |
| 1 | Launch application | None | Open Login form | Login form has been opened | Pass |  |
| 2 | Click on Forget password button | None | Open Forget Password form | Password form has been opened | pass |  |
| 3 | Provide valid email | Email: invalid@gmail.com |  |  | Pass |  |
| 4 | Click on Verify button | None | Refuse to Provide with forgotten password | Forgotten password has not been provided | Pass |  |
|  |  |  |  |  |  |  |

**Post-conditions:**

forget password validation works correctly

|  |  |
| --- | --- |
| **Project Name: Attendance Management System** | |
| **Test Cases** | |
| **Test Case ID: S7** | **Test Designed by:** Selmy |
| **Test Priority (Low/Medium/High):** Low | **Test Designed date:** 28 Feb. 2024 |
| **Module Name:** XMLManagement class | **Test Executed by:** Selmy |
| **Test Title:** Verify Functionality of save button | **Test Execution date:** 28 Feb. 2024 |
| **Description:** Test save button |  |
|  |  |
|  |  |
| **Pre-conditions: Admin is logged in** | |
| **Dependencies:** | |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Step** | **Test Steps** | **Test Data** | **Expected Result** | **Actual Result** | **Status (Pass/Fail)** | **Notes** |
| 1 | Launch application | None | Open Login form | Login form has been opened | Pass |  |
| 2 | Login with admin email and password | Email: nayira@gmail.com password: nayira | Login to admin dashboard | Admin dashboard has been accessed | pass |  |
| 3 | Click on Save button | None | Open Save window | Save window has been opened | Pass |  |
| 4 | Choose saving folder and click save | None | Save the file in the specified folder | File has been saved successfully | Pass |  |
|  |  |  |  |  |  |  |

**Post-conditions:**

Saved fille was successfully saved and can be reeded

|  |  |
| --- | --- |
| **Project Name: Attendance Management System** | |
| **Test Cases** | |
| **Test Case ID: S8** | **Test Designed by:** Selmy |
| **Test Priority (Low/Medium/High):** Low | **Test Designed date:** 28 Feb. 2024 |
| **Module Name:** XMLManagement class | **Test Executed by:** Selmy |
| **Test Title:** Verify Functionality of Load button | **Test Execution date:** 28 Feb. 2024 |
| **Description:** Test save button |  |
|  |  |
|  |  |
| **Pre-conditions: Admin is logged in** | |
| **Dependencies:** | |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Step** | **Test Steps** | **Test Data** | **Expected Result** | **Actual Result** | **Status (Pass/Fail)** | **Notes** |
| 1 | Launch application | None | Open Login form | Login form has been opened | Pass |  |
| 2 | Login with admin email and password | Email: nayira@gmail.com password: nayira | Login to admin dashboard | Admin dashboard has been accessed | pass |  |
| 3 | Click on Load button | None | Open Load window | Load window has been opened | Pass |  |
| 4 | Choose saving folder and click save | None | Save the file in the specified folder | File has been Loaded successfully | Pass |  |
|  |  |  |  |  |  |  |

**Post-conditions:**

Fille was successfully Loaded and can be reeded in application

|  |  |
| --- | --- |
| **Project Name: Attendance Management system** | |
| **Test Case Template** | |
| **Test Case ID: N1** | **Test Designed by:** Nayira |
| **Test Priority (Low/Medium/High):** High | **Test Designed date:** 28 Feb 2024 |
| **Module Name:** Add Student/Teacher/Class | **Test Executed by:** Nayira |
| **Test Title:** Verify adding new Student/Teacher/Class | **Test Execution date:** 28 Feb 2024 |
| **Description:** Test Add Student/Teacher/Class Form |  |
|  |  |
|  |  |
| **Pre-conditions: enter** valid data in form fields | |
| **Dependencies:** | |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Step** | **Test Steps** | **Test Data** | **Expected Result** | **Actual Result** | **Status (Pass/Fail)** | **Notes** |
| 1 | Navigate to add new student/teacher/class |  | Open Add form | Open Add Form | pass |  |
| 2 | Provide valid name | Ramy Mohamed |  |  |  |  |
| 3 | Provide valid and unique email | ramy@gmail.com |  |  |  |  |
| 4 | Provide valid password | Qwe12)(\* |  |  |  |  |
| 5 | Provide valid students/class/courses list | CL-1,CL-2,CL-3 |  |  |  |  |
| 6 | Click add button |  | The student /teacher/class added successfully | The student /teacher/class added successfully | pass |  |

**Post-conditions:**

Students/Teachers/Classes added successfully

|  |  |
| --- | --- |
| **Project Name: Attendance Management system** | |
| **Test Case Template** | |
| **Test Case ID: N2** | **Test Designed by:** Nayira |
| **Test Priority (Low/Medium/High):** High | **Test Designed date:** 28 Feb 2024 |
| **Module Name:** Edit Student/Teacher/Class | **Test Executed by:** Nayira |
| **Test Title:** Verify Edit Student/Teacher/Class | **Test Execution date:** 28 Feb 2024 |
| **Description:** Test Edit Student/Teacher/Class Form |  |
|  |  |
|  |  |
| **Pre-conditions: enter** valid data in form fields | |
| **Dependencies:** | |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Step** | **Test Steps** | **Test Data** | **Expected Result** | **Actual Result** | **Status (Pass/Fail)** | **Notes** |
| 1 | Navigate to Edit new student/teacher/class |  | Open Edit form | Open Edit Form | pass |  |
| 2 | Select the id | ST-1 | Get the data and fill the input with these data | Get the data and fill the input with these data | pass |  |
| 3 | Provide valid name | waleed Mohamed |  |  |  |  |
| 4 | Provide valid and unique email | waleed@gmail.com |  |  |  |  |
| 5 | Provide valid password | 123qw)sf5$ |  |  |  |  |
| 6 | Provide valid students/class/courses list | CL-1,CL-2,CL-3 |  |  |  |  |
| 7 | Click edit button |  | The student /teacher/class edit successfully | The student /teacher/class edit successfully | pass |  |

**Post-conditions:**

Students/Teachers/Classes edit successfully

|  |  |
| --- | --- |
| **Project Name: Attendance Management system** | |
| **Test Case Template** | |
| **Test Case ID: N3** | **Test Designed by:** Nayira |
| **Test Priority (Low/Medium/High):** High | **Test Designed date:** 28 Feb 2024 |
| **Module Name:** Generate Attendance Report | **Test Executed by:** Nayira |
| **Test Title:** Verify generate attendance reports | **Test Execution date:** 28 Feb 2024 |
| **Description:** generate a report through a specific date range or through specific student or for specific class in a date range |  |
|  |  |
|  |  |
| **Pre-conditions: select on the date or select student or class** | |
| **Dependencies:** | |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Step** | **Test Steps** | **Test Data** | **Expected Result** | **Actual Result** | **Status (Pass/Fail)** | **Notes** |
| 1 | Navigate to Attendance Report |  | Open Generate report page | Open generate report page | pass |  |
| 2 | Select the start date |  | Get the attendance records from the start date till the current date | Get the attendance records from the start date till the current date | pass |  |
| 2 | Select the End date |  | Get the attendance records from the start date till the end date | Get the attendance records from the start date till the end date | pass |  |
| 3 | Select Class id |  | Get the attendance records from the start date till the end date for the selected class  (for the teacher he will get the data related to the class he enrolled in) | Get the attendance records from the start date till the end date for the selected class  (for the teacher he will get the data related to the class he enrolled in) | pass |  |
| 4 | Select student Id |  | Get the attendance records from the start date till the end date for the selected student  (for the teacher dashboard get the data related to the class he enrolled in) | Get the attendance records from the start date till the end date for the selected class  (for the teacher dashboard get the data related to the class he enrolled in) | pass |  |
| 5 | Click on Pdf button |  | Transfer the displayed data into pdf stored on the pc | Transfer the displayed data into pdf stored on the pc | pass |  |
| 6 | Click on Excel button |  | Transfer the displayed data into excel stored on the pc | Transfer the displayed data into excel stored on the pc | pass |  |

**Post-conditions:**

Generate the attendance records for different users according to date range or selected student or selected class

|  |  |
| --- | --- |
| **Project Name: Attendance Management system** | |
| **Test Case Template** | |
| **Test Case ID: N4** | **Test Designed by:** Nayira |
| **Test Priority (Low/Medium/High):** medium | **Test Designed date:** 28 Feb 2024 |
| **Module Name:** logout /Exit | **Test Executed by:** Nayira |
| **Test Title:** Verify logout /Exit | **Test Execution date:** 28 Feb 2024 |
| **Description:** check the logout /Exit |  |
|  |  |
|  |  |
| **Pre-conditions: logout or exit from the program** | |
| **Dependencies:** | |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Step** | **Test Steps** | **Test Data** | **Expected Result** | **Actual Result** | **Status (Pass/Fail)** | **Notes** |
| 1 | Click on Logout /exit |  | Redirect to the login form or close the program | Redirect to the login form or close the program | pass |  |

**Post-conditions:**

Success Logout or exit from the program

|  |  |
| --- | --- |
| **Project Name: Attendance Management system** | |
| **Test Case Template** | |
| **Test Case ID: N5** | **Test Designed by:** Nayira |
| **Test Priority (Low/Medium/High):** High | **Test Designed date:** 28 Feb 2024 |
| **Module Name:** Take Attendance | **Test Executed by:** Nayira |
| **Test Title:** verify take the attendance for teacher | **Test Execution date:** 28 Feb 2024 |
| **Description:** teacher could take the attendance or to modify an existing on for a specific date |  |
|  |  |
|  |  |
| **Pre-conditions: select on the date to get the old records or create new one** | |
| **Dependencies:** | |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Step** | **Test Steps** | **Test Data** | **Expected Result** | **Actual Result** | **Status (Pass/Fail)** | **Notes** |
| 1 | Navigate to Take Attendance |  | Open Take attendance page | Open Take Attendance page | pass |  |
| 2 | Select an old date |  | Get the attendance records related to this date | Get the attendance records related to this date | pass |  |
| 3 | Select the new date |  | Get the students in this class to take them attendance | Get the students in this class to take them attendance | pass |  |
| 4 | Click Take Attendance |  | save the new data in the xml or update existing one | save the new data in the xml or update existing one | pass |  |

**Post-conditions:**

Take attendance by specific teacher in specific date