

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

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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

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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

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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

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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

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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

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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

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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

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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

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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

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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	pass	

				class he enrolled in)		
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

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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

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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