


FUNCTIONAL TEST SUITE FOR ORANGEHRM



Description of the File: Here Function refers to the User Stories of the Platform. This File Include the Screenshot of the user stories and test cases from azure DevOps platform.



GITHUB LINK : [akshayrai14/CaseStudy](https://github.com/akshayrai14/CaseStudy) Akshay: Case Study for workflow and testing (github.com)

FUNCTION 1

 [ISSUE 1](#)

1 Login Page and Functionality

 Unassigned  0 comments [Add tag](#)

State	 To Do	Area	HRMANAGE
Reason	 Added to backlog	Iteration	HRMANAGE\Sprint 1

Description

As an admin when I enter valid username and password, I should be able to access the Dashboard

ACCEPTANCE CRITERIA

1. The Login page should be the default page whenever any employee visits the website
2. The system should validate the credentials against the database
3. The admin should be redirected to the dashboard upon successful login
4. An error message should be displayed for invalid credentials
5. Forget Password hyperlink should be visible, and admin should be able to click on it
6. Social Media Hyperlinks of the company should be visible to admin and admin should be able to click them, and it should redirect admin to respective social media profile of the company

Planning

Priority

1

Effort

2

✓ TASK 2

2 Test Case 1 [Valid Credentials]

Unassigned

0 comments

Add tag

State **Doing** Area HRMANAGE
Reason **Started** Iteration HRMANAGE\Sprint 1

Description

Scenario: login with valid credentials
Given the admin is on the login page
When the admin enters valid credentials
And clicks the login button
Then the admin should be redirected to the dashboard

| username | password |
| admin | admin123 |

Result = Successful

Planning

Priority

1

Activity

Testing

Remaining Work

1

✓ TASK 3

3 Test Case 2 [Invalid Credentials]

Unassigned

0 comments

Add tag

State **Doing** Area HRMANAGE
Reason **Started** Iteration HRMANAGE\Sprint 1

Description

Scenario: Login with Invalid Credentials
Given the admin is on the login page
When the admin enters invalid credentials
And clicks the login button
Then the admin should see an error message
And remain on the login page

| username | password |
| john.doe | WrongPass |

Result = Successful

Planning

Priority

1

Activity

Testing

Remaining Work

2

✓ TASK 4

4 Test Case 3 [Password Reset Link]

Unassigned

0 comments

Add tag

State **Doing** Area HRMANAGE
Reason **Started** Iteration HRMANAGE\Sprint 1

Description

Scenario: Password reset link is available
Given the admin is on the login page
When the admin clicks the "Forgot Password" link
Then the admin should be redirected to the password reset page

Result = Successful

Discussion



Planning

Priority
2
Activity
Testing
Remaining Work
1

✓ TASK 5

5 Test Case 4 [Logout Feature]

Unassigned

0 comments

Add tag

State **Doing** Area HRMANAGE
Reason **Started** Iteration HRMANAGE\Sprint 1

Description

Scenario: Logout functionality Given the admin is logged in
When the admin clicks the logout button
Then the admin should be redirected to the login page
And the session should be terminated

Result = Successful

Discussion



Planning

Priority
2
Activity
Testing
Remaining Work
1

✓ TASK 6

6 Test Case 5 [Social Media HyperLinks]

Unassigned

0 comments

Add tag

State **Doing** Area HRMANAGE
Reason **Started** Iteration HRMANAGE\Sprint 1

Description

Scenario: Social Media Hyper Links Visible and Clickable
When admin is on Login Page
Then it should be able to see the social media hyperlinks
And those hyperlinks should be clickable
And on clicking them admin should be redirected to respective social media profile of the company

Result = Successful

Planning

Priority
3
Activity
Testing
Remaining Work
1

Discussion



FUNCTION 2

📌 ISSUE 9

9 Admin Dashboard Functionality

Unassigned

0 comments

Add tag

State **To Do** Area HRMANAGE
Reason **Added to backl...** Iteration HRMANAGE\Sprint 1

Description



As an admin, I want to be able to punch in my time, view a graph of my work hours for the week, and access help guides from the Admin dashboard so that I can track my working hours and get assistance when needed.

Acceptance Criteria:


The admin must be able to punch in their time using the clock button.
The system must display a graph showing the work hours for the week.
The x-axis of the graph must represent days, and the y-axis must represent time.
The help button must open a new tab with different guides.
The guides must be relevant to the Admin functionality.

Planning

Priority
2
Effort
3

✓ [TASK 10](#)

10 Test Case 1

 Unassigned

 0 comments

[Add tag](#)

State	● To Do	Area	HRMANAGE
Reason	🔒 Added to backl...	Iteration	HRMANAGE\Sprint 1

Description

Test Scenario: Verify that the admin can punch in their time.
Test Data: Valid admin credentials, current time.
Given the admin is logged in
When the admin navigates to the "Time at Work" tab
And clicks the clock button
And enters the punch in time
Then the punch in time should be recorded successfully


Severity: High
Priority: High

Planning

Priority
2
Activity
Testing
Remaining Work
2

✓ [TASK 11](#)

11 Test Case 2

 Unassigned

 0 comments

[Add tag](#)

State	● To Do	Area	HRMANAGE
Reason	🔒 Added to backl...	Iteration	HRMANAGE\Sprint 1

Description

Test Case 2: View Weekly Graph
Test Scenario: Verify that the weekly graph displays correctly.
Test Data: Valid admin credentials, recorded punch in times.
Given the admin is logged in
When the admin navigates to the "Time at Work" tab
Then the graph should display the work hours for the week with days on the x-axis and time on the y-axis

Severity: Medium
Priority: Medium

Planning

Priority
2
Activity
Testing
Remaining Work
2

✓ [TASK 12](#)

12 Test Case 3

👤 Unassigned

💬 0 comments

Add tag

State ☒ To Do ☐ Done ☐ In Progress ☐ Pending ☐ Archived

Reason ☐ Added to backlog ☐ In Progress ☐ Pending ☐ Archived

Area HRMANAGE

Iteration HRMANAGE\Sprint 1

Description

Test Case 3: Help Button Opens New Tab
Test Scenario: Verify that clicking the help button opens a new tab.
Test Data: N/A
Given the admin is logged in
When the admin navigates to the Admin tab
And clicks the help button with a question mark symbol
Then a new tab should open with different guides

Severity: Medium

Priority: Medium

Planning

Priority

2

Activity

Testing

Remaining Work

2

✓ [TASK 13](#)

13 Test Case 4

👤 Unassigned

💬 0 comments

Add tag

State ☒ To Do ☐ Done ☐ In Progress ☐ Pending ☐ Archived

Reason ☐ Added to backlog ☐ In Progress ☐ Pending ☐ Archived

Area HRMANAGE

Iteration HRMANAGE\Sprint 1

Description

Test Case 4: Relevant Guides Displayed
Test Scenario: Verify that the guides displayed are relevant to the Admin functionality.
Test Data: N/A
Given the admin is logged in
When the admin navigates to the Admin tab
And clicks the help button
Then the new tab should display guides relevant to the admin functionality

Severity: Medium

Priority: Medium

Planning

Priority

2

Activity


Testing

Remaining Work

3

✓ [TASK 14](#)

14 Test Case 5

 Unassigned

 0 comments

Add tag

State	● To Do	Area	HRMANAGE
Reason	🔒 Added to backl...	Iteration	HRMANAGE\Sprint 1

Description

Test Case 5: Graph Data Accuracy
Test Scenario: Verify that the graph accurately reflects the recorded punch in times.
Test Data: Valid admin credentials, multiple punch in times.
Given the admin is logged in
When the admin navigates to the "Time at Work" tab
Then the graph should accurately reflect the recorded punch in times for the week

Severity: High
Priority: High

Planning

Priority
2

Activity
Testing

Remaining Work
4

FUNCTION 3

ISSUE 15

15 Admin Access for Management Tab

Unassigned

0 comments

Add tag

State ☒ To Do Area HRMANAGE
Reason ☒ Added to backl... Iteration HRMANAGE\Sprint 1

Description



As an administrator, I want to be able to access the management tab using my admin credentials so that I can manage the system settings.

Acceptance Criteria:

The admin must be able to access the management tab with valid admin credentials.

The system must display an error message for invalid admin credentials.

The "Confirm" button must be disabled when the admin username and password fields are empty.

The "Cancel" button must return the user to the previous page.

The admin must be able to log out from the management tab.

Planning

Priority

2

Effort

3

TASK 16

16 Test Case 1

Unassigned

0 comments

Add tag

State ☒ To Do Area HRMANAGE
Reason ☒ Added to backl... Iteration HRMANAGE\Sprint 1

Description

Test Scenario: Verify that an admin can access the management tab with valid admin credentials.

Test Data: Valid admin username and password.

Given the admin is logged in

When the admin navigates to the management tab

And enters valid admin credentials

And clicks the "Confirm" button

Then the admin should be granted access to the management tab

Severity: High

Priority: High

Planning

Priority

2

Activity


Testing

Remaining Work

2


✓ [TASK 17](#)

17 Test Case 2

 Unassigned

 0 comments

[Add tag](#)

State	● To Do	Area	HRMANAGE
Reason	 Added to backl...	Iteration	HRMANAGE\Sprint 1

Description

Test Scenario: Verify that access to the management tab is denied with invalid admin credentials.

Test Data: Invalid admin username and password.

Given the admin is logged in

When the admin navigates to the management tab

And enters invalid admin credentials

And clicks the "Confirm" button

Then the admin should see an error message indicating invalid credentials

Severity: High

Priority: High

Planning

Priority

2

Activity


Testing

Remaining Work

3


✓ [TASK 18](#)

18 Test Case 3

 Unassigned

 0 comments

[Add tag](#)

State	● To Do	Area	HRMANAGE
Reason	 Added to backl...	Iteration	HRMANAGE\Sprint 1

Description



Test Scenario: Verify that the "Confirm" button is disabled when admin username and password fields are empty.

Test Data: Empty admin username and password fields.

Given the admin is logged in

When the admin navigates to the management tab

And the admin username and password fields are empty

Then the "Confirm" button should be disabled

Severity: Medium

Priority: Medium

Planning

Priority

2

Activity


Testing

Remaining Work

2


✓ TASK 19

19 Test Case 4

 Unassigned

 0 comments

Add tag

State	<input checked="" type="radio"/> To Do	Area	HRMANAGE
Reason	 Added to backl...	Iteration	HRMANAGE\Sprint 1

Description

Test Scenario: Verify that clicking the "Cancel" button returns the user to the previous page.

Test Data: N/A

Given the admin is logged in

When the admin navigates to the management tab

And clicks the "Cancel" button

Then the admin should be returned to the previous page

Severity: Medium

Priority: Medium

Planning

Priority

2

Activity


Testing

Remaining Work

3


✓ TASK 20

20 Test Case 5

 Unassigned

 0 comments

Add tag

State	<input checked="" type="radio"/> To Do	Area	HRMANAGE
Reason	 Added to backl...	Iteration	HRMANAGE\Sprint 1

Description

Test Case 2.5: Admin Logout

Test Scenario: Verify that an admin can log out from the management tab.

Test Data: N/A

Given the admin is logged in

When the admin navigates to the management tab

And clicks the "Logout" button

Then the admin should be logged out and redirected to the login page

Severity: Medium

Priority: Medium

Planning

Priority

2

Activity

Testing


Remaining Work

2

FUNCTION 4



 [ISSUE 21](#)

21 Search Functionality

 Unassigned

 0 comments

[Add tag](#)

State	 To Do	Area	HRMANAGE
Reason	 Added to backl...	Iteration	HRMANAGE\Sprint 1

Description

As a user, I want to be able to use the search tab to find specific information within the OrangeHRM system.

Acceptance Criteria:

The user must be able to perform a search with a valid query and receive relevant results.

The system must display no results for an invalid search query.

The "Search" button must be disabled when the search query field is empty.

Search results must be paginated if they exceed a certain number.

Search results must be sortable by different criteria.

Planning

Priority


2

Effort

3



 [TASK 22](#)

22 Test Case 1

 Unassigned

 0 comments

[Add tag](#)

State	 To Do	Area	HRMANAGE
Reason	 Added to backl...	Iteration	HRMANAGE\Sprint 1

Description

Test Scenario: Verify that a valid search query returns relevant results.

Test Data: Valid search query.

Given the user is logged in

When the user navigates to the search tab

And enters a valid search query

And clicks the "Search" button

Then relevant search results should be displayed

Severity: High

Priority: High

Planning

Priority

2

Activity


Testing

Remaining Work

2



✓ [TASK 23](#)

23 Test Case 2

 Unassigned

 0 comments

[Add tag](#)

State  To Do Area HRMANAGE
Reason  Added to backl... Iteration HRMANAGE\Sprint 1

Description



Test Scenario: Verify that an invalid search query returns no results.
Test Data: Invalid search query.
Given the user is logged in
When the user navigates to the search tab
And enters an invalid search query
And clicks the "Search" button
Then no search results should be displayed


Severity: Medium
Priority: Medium

Planning

Priority
2
Activity
Testing
Remaining Work
1



✓ [TASK 24](#)

24 Test Case 3

 Unassigned

 0 comments

[Add tag](#)

State  To Do Area HRMANAGE
Reason  Added to backl... Iteration HRMANAGE\Sprint 1

Description

Test Scenario: Verify that the search button is disabled when the search query field is empty.
Test Data: Empty search query field.
Given the user is logged in
When the user navigates to the search tab
And the search query field is empty
Then the "Search" button should be disabled

Severity: Medium
Priority: Medium

Planning

Priority
2
Activity
Testing
Remaining Work
2

✓ [TASK 25](#)

25 Test Case 4



Unassigned



0 comments

Add tag

State

● To Do

Area

HRMANAGE

Reason

Added to backl...

Iteration

HRMANAGE\Sprint 1

Description

Test Scenario: Verify that search results are paginated if they exceed a certain number.

Test Data: Search query that returns a large number of results.

Given the user is logged in

When the user navigates to the search tab

And enters a search query that returns a large number of results

And clicks the "Search" button

Then search results should be displayed with pagination controls

Severity: Medium

Priority: Medium

Planning

Priority

2

Activity

Testing

Remaining Work

2

✓ [TASK 26](#)

26 Test Case 5



Unassigned



0 comments

Add tag

State

● To Do

Area

HRMANAGE

Reason

Added to backl...

Iteration

HRMANAGE\Sprint 1

Description

Test Scenario: Verify that search results can be sorted by different criteria.

Test Data: Search query.

Given the user is logged in

When the user navigates to the search tab

And enters a search query

And clicks the "Search" button

And sorts the search results by different criteria (e.g., date, relevance)

Then search results should be sorted according to the selected criteria

Severity: Medium

Priority: Medium

Planning

Priority

2

Activity

Testing

Remaining Work

2

FUNCTION 5

Bug report for the Test Cases for this Functionality is generated separately

ISSUE 27

27 My Info

Unassigned

0 comments

Add tag

State	To Do	Area	HRMANAGE
Reason	Added to backlog	Iteration	HRMANAGE\Sprint 1

Description

As an admin I should be able to add and save my Personal Details under My Info page in a personal details section which should contain First Name, Middle Name and Last Name under the Name field, a field to input Employee id, other id, Driver's License Number, License Expiry Date which should be selected by a calendar, a Dropdown to choose nationality from all the possible nationalities sorted in alphabetical order, a dropdown to choose Marital status from Single, Married and Other, Date of Birth from a calendar, Gender from two radio buttons namely Male and Female.

Planning

Priority

1

Effort

3

Acceptance Criteria:

1. The First Name, Middle Name and Last Name contain a combination of alphabets, numbers and special characters.
2. The Employee ID field contain a combination of alphabets, numbers and special symbols.
3. The Driver's license number contain a combination of alphabets, numbers and special symbols.
4. The License Expiry Date Calendar should not allow setting an expiry date in the past.
5. The Date of Birth Calendar should not allow setting a date in the future.

TASK 28

28 Test Case 1

Unassigned

0 comments

Add tag

State	To Do	Area	HRMANAGE
Reason	Added to backlog	Iteration	HRMANAGE\Sprint 1

Description

Scenario: Validation for the First Name, Middle Name and Last Name fields.

Given the admin is on the My Info Page inside the Personal Details Section
When I input a combination of characters, numbers and special characters in the First Name, Middle Name and Last Name field
Then I should be able to save the personal details.

Planning

Priority

2

Activity

Testing

Remaining Work

2

✓ TASK 29

29 Test Case 2

👤 Unassigned

💬 0 comments

Add tag

State	● To Do	Area	HRMANAGE
Reason	🔒 Added to backl...	Iteration	HRMANAGE\Sprint 1

Description

Scenario: Validation for the Employee ID field.
Given the admin is on the My Info Page inside the Personal Details Section
When I input a combination of characters, numbers and special characters in the Employee ID field
Then I should be able to save the personal details.

Planning

Priority
2
Activity
Testing
Remaining Work
2

✓ TASK 30

30 Test Case 3

👤 Unassigned

💬 0 comments

Add tag

State	● To Do	Area	HRMANAGE
Reason	🔒 Added to backl...	Iteration	HRMANAGE\Sprint 1

Description



Scenario: Validation for the Driver's License Field.
Given the admin is on the My Info Page inside the Personal Details Section
When I input a combination of characters, numbers and special characters in the Driver's License ID field
Then I should be able to save the personal details.

Planning

Priority
2
Activity
Testing
Remaining Work
3

✓ [TASK 31](#)

31 Test Case 4



Unassigned



0 comments

Add tag

State

● To Do

Area

HRMANAGE

Reason



Added to backl...

Iteration

HRMANAGE\Sprint 1

Description

Scenario: Validation for the Date of Birth field.
Given the admin is on the My Info Page inside the Personal Details Section
When I input a date of birth from the dropdown calendar which is in the past
Then I should not be able to save the personal details.

Planning

Priority

2

Activity

Testing

Remaining Work

3

✓ [TASK 32](#)

32 Test Case 5



Unassigned



0 comments

Add tag

State

● To Do

Area

HRMANAGE

Reason



Added to backl...

Iteration

HRMANAGE\Sprint 1

Description

Scenario: Validation for the License Expiry Date.
Given the admin is on the My Info Page inside the Personal Details Section
When I input a date in the past
Then I should not be able to save the personal details.

Planning

Priority

2

Activity

Testing

Remaining Work

2

CONSOLIDATED BUG REPORT FOR ALL THE USER STORIES :

Total Bugs Found: 5

Overview: During the functional testing of the OrangeHRM website, a total of five bugs were identified. These bugs primarily relate to the incorrect handling of date fields and the display of employee details. The usability of the website is impacted by these issues, as they can lead to incorrect data entry and confusion for the users. Below is a summary of each bug found:

Detailed:

Bug ID number	B__001
Name	Details of employee are correctly displayed
Reporter	HARSHIKA SOFAT
Submit Date	06/09/2024, 10:56 AM
Summary	The name of the employee should be correctly entered
Platform	Window
Browser	Chrome
Severity	Medium
Assigned to	Developer
Priority	2

Description

The first and last name of some employees contains parts of the code.

Steps to reproduce

- > go to Orangehrm website
- > go to pim section
- > In employee list option sort in ascending order

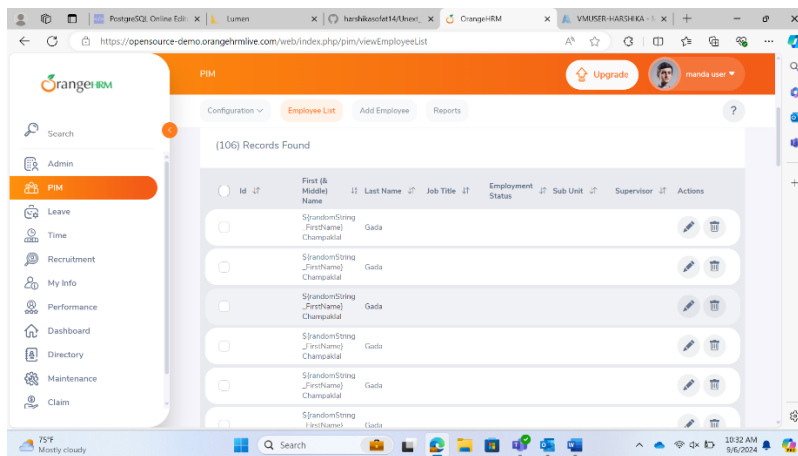
Expected result

The name of the employee should be correct with no numbers and codes part

Actual result

The name of the employee contains parts of the code

Screenshot



Bug ID number	B__002
Name	Details of employees are correctly displayed
Reporter	Puneet
Submit Date	06/09/2024, 11:04 AM
Summary	Each employee should have a different employee id
Platform	WINDOWS

Browser	CHROME
Severity	HIGH
Assigned to	Developer
Priority	1

Description

3 employees have the same employee id 0303 but each employee should have different emp id

Steps to reproduce

- > go to Orangehrm website
- > go to pim section
- > In employee list option sort in ascending order
- > In the end of the page there are 3 employees with same emp id

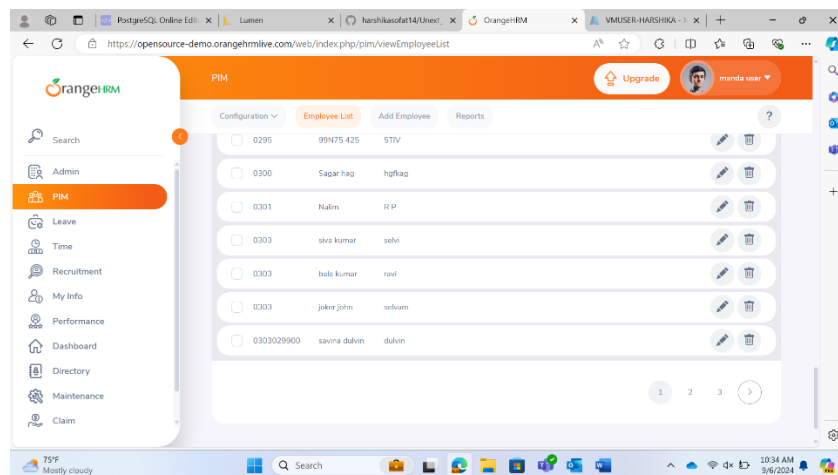
Expected result

Each employee should have different employee id

Actual result

3 employees have the same employee id 0303

Screenshot



Bug ID number	B__003
Name	Future Date Selection in DOB
Reporter	Akshay Rai

Submit Date	06/09/2024, 11:04 AM
Summary	The date of birth (DOB) field allows selection of future dates, which is incorrect.
Platform	WINDOWS
Browser	CHROME
Severity	Low
Assigned to	Developer
Priority	2

Description: In the “My Info” tab, under “Personal Details,” the DOB field allows users to select future dates using the calendar. This should not be possible as a date of birth cannot be in the future.

Steps to reproduce:

1. Log in to the OrangeHRM system.
2. Navigate to the “My Info” tab.
3. Go to the “Personal Details” section.
4. Click on the DOB field to open the calendar.
5. Select a future date.

Expected result: The calendar should restrict the selection to past and present dates only.

Actual result: The calendar allows the selection of future dates.

PIM

?

Nationality

American

Marital Status

Single

Date of Birth

2024-31-12

Gender

☒ Male
 ☐ Female

* Required

Save

Bug ID number	B_004
Name	Future Date Selection in Qualifications
Reporter	Tanisha
Submit Date	06/09/2024, 11:04 AM
Summary	The "From" date in the qualifications section allows selection of future dates, which is incorrect.
Platform	WINDOWS
Browser	CHROME
Severity	Medium
Assigned to	Developer
Priority	4

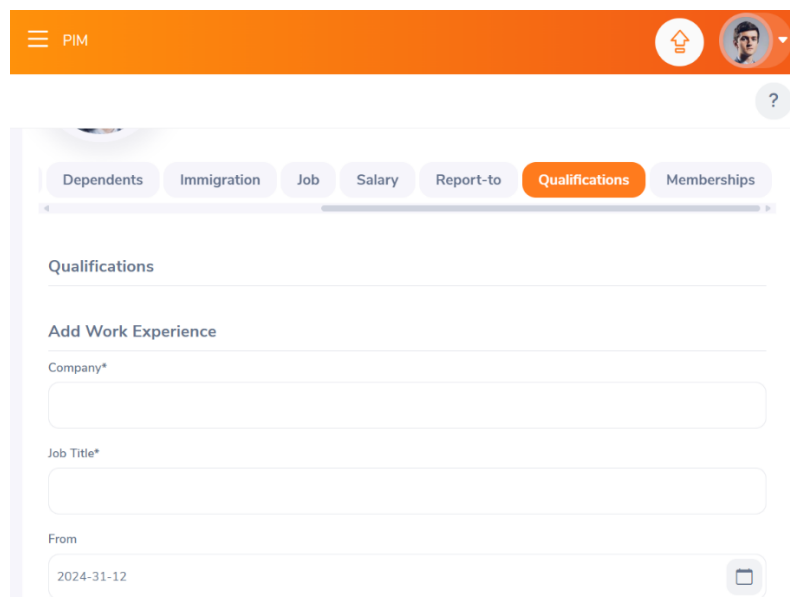
Description: In the "My Info" tab, under the "Qualifications" section, the "From" date field allows users to select future dates. This should not be possible as qualifications cannot start in the future.

Steps to reproduce:

1. Log in to the OrangeHRM system.
2. Navigate to the “My Info” tab.
3. Go to the “Qualifications” section.
4. Click on the “From” date field to open the calendar.
5. Select a future date.

Expected result: The calendar should restrict the selection to past and present dates only.

Actual result: The calendar allows the selection of future dates.



Bug ID number	B__005
Name	Past Date Selection in Immigration Expiry Date
Reporter	Sushma
Submit Date	06/09/2024, 11:04 AM
Summary	The expiry date field in the immigration section allows selection of past dates, which is incorrect.
Platform	WINDOWS

Browser	CHROME
Severity	Medium
Assigned to	Developer
Priority	5

Description: In the “My Info” tab, under the “Immigration” section, the expiry date field allows users to select past dates using the calendar. This should not be possible as an expiry date cannot be in the past.

Steps to reproduce:

1. Log in to the OrangeHRM system.
2. Navigate to the “My Info” tab.
3. Go to the “Immigration” section.
4. Click on the expiry date field to open the calendar.
5. Select a past date.

Expected result: The calendar should restrict the selection to present and future dates only.

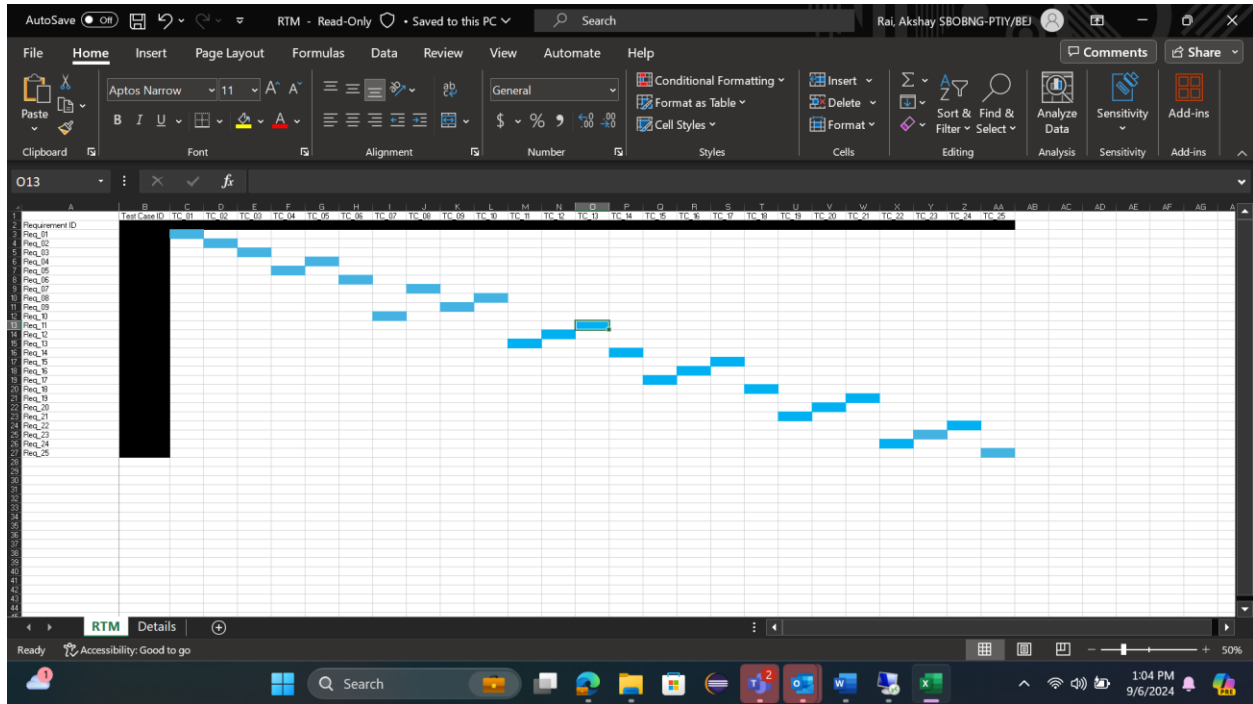
Actual result: The calendar allows the selection of past dates.

The screenshot shows the 'My Info' tab in the OrangeHRM system, specifically the 'Immigration' section. The form is titled 'Add Immigration'. It contains the following fields:

- Document:** Radio buttons for 'Passport' (selected) and 'Visa'.
- Number*:** A text input field.
- Issued Date:** A date input field with a placeholder 'yyyy-dd-mm' and a calendar icon.
- Expiry Date:** A date input field with the value '1974-11-09' and a calendar icon.

The 'Expiry Date' field is highlighted, showing a date from the past (November 9, 1974), which is the issue being reported.

RTM:



RTM - Read-Only • Saved to this PC

File Home Insert Page Layout Formulas Data Review View Automate Help

Clipboard Font Alignment Number Styles Cells Editing Analysis Sensitivity Add-ins

AutoSave On RTM - Read-Only • Saved to this PC

Search Rai, Akshay SBOBNG-PTIV/BEI

Comments Share

Conditional Formatting Insert Delete Sort & Find & Filter Select Analyze Data Sensitivity Add-ins

Format as Table Cell Styles

Clipboard Font Alignment Number Styles Cells Editing Analysis Sensitivity Add-ins

Ready Accessibility: Good to go

Search

1:05 PM 9/6/2024

Requirement ID	Requirement Description	Test Case ID	Test Case Description
R1	User should be able to successfully login with valid credentials	TC1	Successful Login
R2	System should prevent login with invalid credentials	TC2	Unsuccessful login with Invalid Credential
R3	User should be able to log out successfully	TC3	Password Reset Link
R4	User should be able to request a password reset link	TC4	Logout Functionality
R5	User should be able to search for employees	TC5	Search Function
R6	User should be able to view employee details	TC6	Employee details
R7	User should be able to link their Facebook profile	TC7	User interface
R8	User interface should be user friendly and intuitive	TC8	Performance
R9	User should be able to link their LinkedIn profile	TC9	LinkedIn
R10	System should perform efficiently under load	TC10	Facebook
R11	System should validate the driver license field in personal details	TC11	Validation for name
R12	System should validate the employee ID field in personal details	TC12	Validation for employee ID
R13	System should validate the name field in personal details	TC13	Validation for driver license
R14	System should validate the license expiry field in personal details	TC14	Validation for license expiry
R15	System should validate the relationship field in emergency contact	TC15	Validation for CCB
R16	System should validate the contact name field in emergency contact	TC16	Validation for the contact name field
R17	System should validate the date of birth field in personal details	TC17	Validation for relationship
R18	System should validate the home telephone field in emergency contact	TC18	Validation for home telephone
R19	System should validate the radio button to select document type in immigration section	TC19	Validation for mobile number
R20	System should validate the emergency contact list	TC20	Validation for emergency contact list
R21	System should validate the mobile number field in emergency contact	TC21	Validation of radio button to select doc type
R22	System should validate that the passport field is not blank	TC22	Validation for passport number field
R23	System should validate the expiry date field in immigration section	TC23	Validation for expiry date field
R24	System should validate the passport number field in immigration section	TC24	Blank validation for passport
R25	System should validate the issued by field in immigration section	TC25	Validation for issued by field

VM creation :

The image displays two screenshots of the Microsoft Azure portal interface, showing the configuration and overview of a virtual machine named 'VMaksh'.

Top Screenshot: VMaksh | Network settings

This screenshot shows the 'Network settings' page for the VM 'VMaksh'. The left sidebar lists navigation options: Tags, Diagnose and solve problems, Connect, Bastion, Windows Admin Center, Networking, Network settings (selected), Load balancing, Application security groups, Network manager, Settings, and Availability + scale.

The main content area displays the 'Network interface / IP configuration' for 'vmaksh29_z1 (primary) / ipconfig1 (primary)'. It includes a 'This is a new experience. Please provide feedback' message and action buttons: Attach network interface, Detach network interface, View topology, Troubleshoot, Refresh, and Give feedback.

The configuration details are organized into two columns:

Essentials	Other Settings
Network interface: vmaksh29_z1	Load balancers: 0 (Configure)
Virtual network / subnet: VMaksh-vnet / default	Application security groups: 0 (Configure)
Public IP address: 20.127.158.69	Network security group: VMaksh-nsg
Private IP address: 10.6.0.4	Accelerated networking: Disabled
Admin security rules: 0 (Configure)	Effective security rules: 0

Bottom Screenshot: VMaksh Overview

This screenshot shows the 'Overview' page for the VM 'VMaksh'. The left sidebar lists navigation options: Overview (selected), Activity log, Access control (IAM), Tags, Diagnose and solve problems, Connect, Bastion, Windows Admin Center, Networking, Network settings, Load balancing, and Application security.

The main content area displays the 'Essentials' section, which includes an advisor message: 'Advisor (1 of 1): Enable Trusted Launch foundational excellence, and modern security for Existing Generation 2 VM(s)'. Below this, the configuration details are organized into two columns:

Essentials	JSON View
Resource group (move): RDBG	Operating system: Windows (Windows 10 Pro)
Status: Running	Size: Standard B2s (2 vcpus, 4 GiB memory)
Location: East US (Zone 1)	Public IP address: 20.127.158.69
Subscription (move): RDBG	Virtual network/subnet: VMaksh-vnet/default
Subscription ID: 23d99a1f-8507-41a7-b40b-64402a51e95e	DNS name: Not configured
Availability zone: 1	Health state: -
	Time created: 9/6/2024, 5:46 AM UTC

CASE STUDY SCREENSHOTS OF GITHUB ACTIONS

Name : Akshay Rai

Email : Akshay.Rai@shell.com

CODE STRUCTURE WITH MAIN JAVA AND TEST JAVA FILES-

This screenshot shows the GitHub repository page for 'CaseStudy_Akshay'. The repository is public and has 1 branch (main) and 0 tags. The commit history shows 3 commits by user 'akshayrai14'. The file list includes '.github/workflows', 'src', 'README.md', and 'pom.xml'. The 'About' section describes the repository as a 'Case Study for workflow and testing' and includes links to the README, Activity, Stars, Watching, and Forks. The 'Releases' and 'Packages' sections indicate that no releases or packages have been published yet.

File	Commit	Time
.github/workflows	Create maven.yml	6 minutes ago
src	Add files via upload	7 minutes ago
README.md	Initial commit	11 minutes ago
pom.xml	Add files via upload	7 minutes ago

This screenshot shows the source code of the 'HelloWorld.java' file. The file is located at 'src/main/java/com/mt/sample/HelloWorld.java'. The code is a Java class that prints a welcome message and the current date. The file is 22 lines long (15 loc) and 383 bytes in size.

```
1 package com.mt.sample;
2
3 /**
4  * Hello world!
5  *
6  */
7 import java.util.Date;
8
9 public class HelloWorld {
10
11     public static void main(String[] args) {
12         System.out.println("Hello Welcome to Maven Build Tool !! Today Date is: " + getLocalCurrentDate());
13     }
14
15     private static Date getLocalCurrentDate() {
16         String m = "Mithun Technologies";
17         return new Date();
18     }
19 }
20
21
22 }
```

CaseStudy_Akshay/src/test/java/com/mt/sample/test/HelloWorldTest.java

github/Gaurav-Van - Search

Gaurav-Van/JAVA-SPRING-MAVE

https://github.com/akshayrai14/CaseStudy_Akshay/blob/main/src/test/java/com/mt/sample/test/HelloWorldTest.java

Files

main

Go to file

.github

src

main

test/java/com/mt/sample/test

HelloWorldTest.java

README.md

pom.xml

akshayrai14 Update HelloWorldTest.java

100ce9e · now History

Code Blame 22 lines (20 loc) · 449 Bytes

Raw

```
1 package com.mt.sample.test;
2
3 import junit.framework.Test;
4 import junit.framework.TestCase;
5 import junit.framework.TestSuite;
6
7 public class HelloWorldTest
8     extends TestCase
9 {
10     public HelloWorldTest( String testName )
11     {
12         super( testName );
13     }
14     public static Test suite()
15     {
16         return new TestSuite( HelloWorldTest.class );
17     }
18     public void testApp()
19     {
20         assertTrue( true );
21     }
22 }
```

INITIAL BUILD SUCCESS-

Workflow runs - akshayrai14/CaseStudy_Akshay

github/Gaurav-Van - Search

Gaurav-Van/JAVA-SPRING-MAVE

https://github.com/akshayrai14/CaseStudy_Akshay/actions

akshayrai14 / CaseStudy_Akshay

Type to search

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

Actions

New workflow

All workflows

Java CI with Maven

Management

Caches

Attestations

Runners

All workflows

Showing runs from all workflows

Filter workflow runs

Help us improve GitHub Actions

Tell us how to make GitHub Actions work better for you with three quick questions.

Give feedback

1 workflow run

Event Status Branch Actor

Create maven.yml

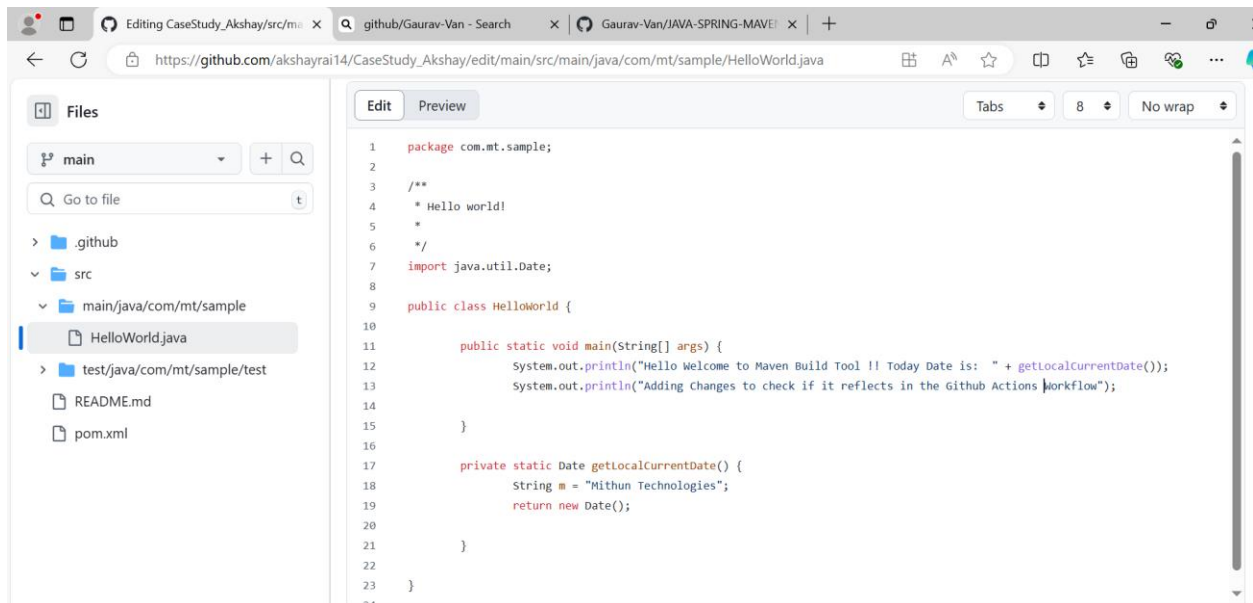
Java CI with Maven #1: Commit 8cf7f05 pushed by akshayrai14

main

1 minute ago

21s

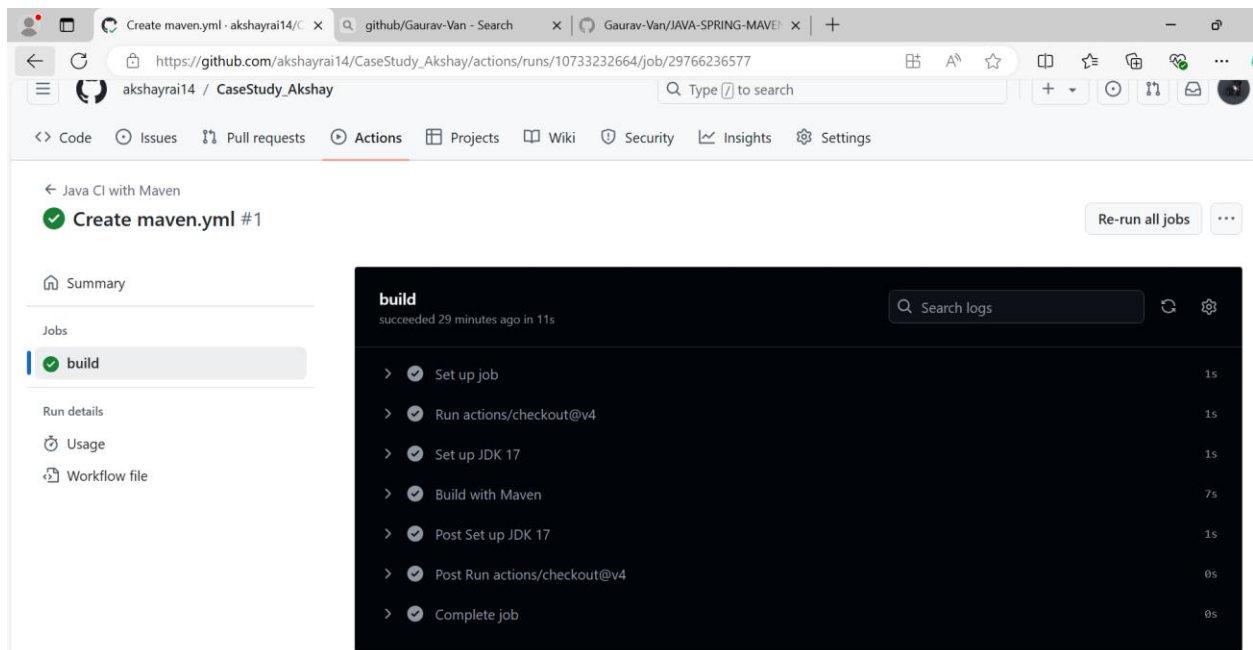
CHANGES IN THE GITHUB CODE-



The screenshot shows a web browser with multiple tabs. The active tab is 'Editing CaseStudy_Akshay/src/main/java/com/mt/sample/HelloWorld.java'. The URL is 'https://github.com/akshayrai14/CaseStudy_Akshay/edit/main/src/main/java/com/mt/sample/HelloWorld.java'. On the left, a file explorer shows the directory structure: 'main' (selected), '.github', 'src', 'main/java/com/mt/sample' (selected), 'HelloWorld.java' (selected), 'test/java/com/mt/sample/test', 'README.md', and 'pom.xml'. The main area shows the code editor with 'Edit' and 'Preview' tabs. The code is a Java file named 'HelloWorld.java' with the following content:

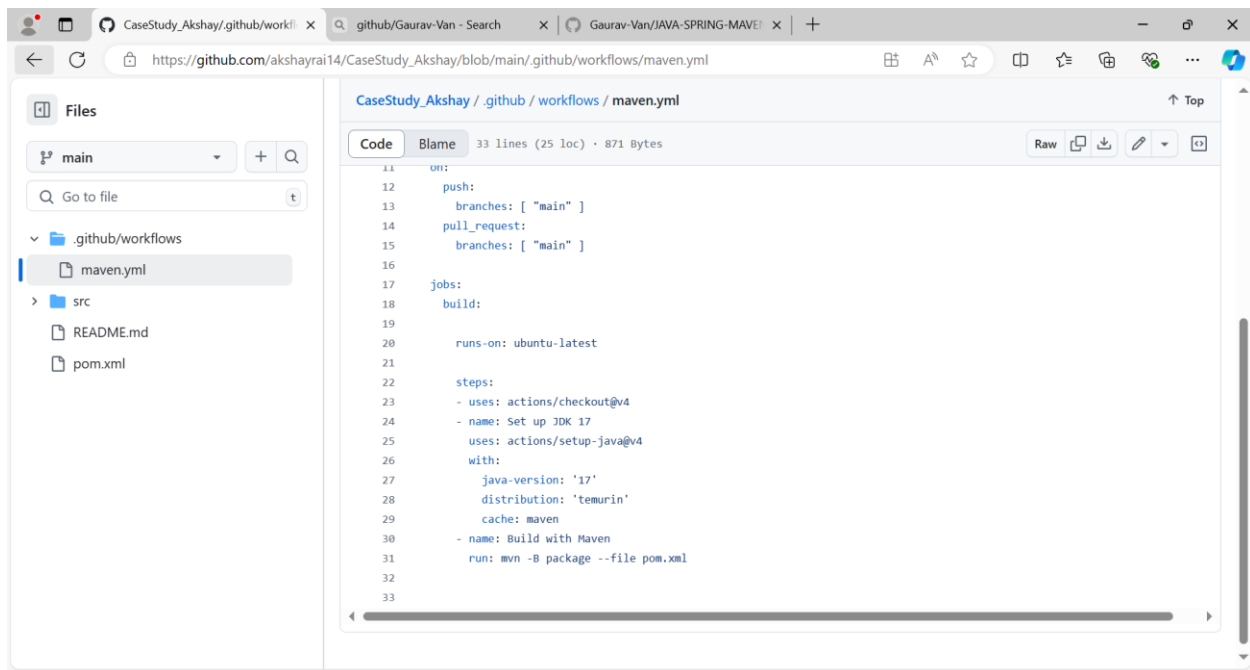
```
1 package com.mt.sample;
2
3 /**
4  * Hello world!
5  *
6  */
7 import java.util.Date;
8
9 public class HelloWorld {
10
11     public static void main(String[] args) {
12         System.out.println("Hello Welcome to Maven Build Tool !! Today Date is: " + getLocalCurrentDate());
13         System.out.println("Adding Changes to check if it reflects in the Github Actions workflow");
14     }
15
16     private static Date getLocalCurrentDate() {
17         String m = "Mithun Technologies";
18         return new Date();
19     }
20
21 }
22
23 }
```

Maven.yml and its initial build-



The screenshot shows a GitHub repository page for 'akshayrai14 / CaseStudy_Akshay'. The 'Actions' tab is selected, showing a workflow named 'Java CI with Maven' with a job 'Create maven.yml #1' that is completed. The 'Summary' section shows the job status as 'build' (succeeded). The 'Jobs' section lists the job 'build' with a status of 'succeeded 29 minutes ago in 11s'. The 'Run details' section shows the workflow file. The 'Workflow file' section shows the build process steps:

- Set up job (1s)
- Run actions/checkout@v4 (1s)
- Set up JDK 17 (1s)
- Build with Maven (7s)
- Post Set up JDK 17 (1s)
- Post Run actions/checkout@v4 (0s)
- Complete job (0s)



BUILD SUCCESS AFTER CHANGES-

Changes I have done-

Removed all the comments

Added a print statement for "Adding changes .."

