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Bug

Title:

Leave Policy Exceeded Without Validation or Notification

Project / Module

TrackX - Leave Management

Description:

As a QA tester, I observed that during manual and automated testing, Employee was able to submit leave requests totaling more than the assigned leave policy (12 days), and Admin approved all 3 requests (4+4+8 = 16 days) **without any system validation or warning**, resulting in a **negative leave balance** (-4 days) on the Employee Portal.

Preconditions:

- Employee is assigned a leave policy of **12 days total**.
- Admin has full approval rights.
- No restrictions exist on leave request splitting.

Steps to Reproduce:

1. Login to the **Admin Portal**, assign **12 leave days** to an employee.
2. Login to the **Employee Portal**, request 4 days of leave (Request 1).
3. Repeat and submit 2 more leave requests: another 4 days (Request 2) and 8 days (Request 3).
4. Login as Admin and approve all 3 leave requests.
5. Login back to the Employee Portal.

Expected Result:

- The system should prevent the Employee from requesting more leave days than allocated.
- If a request exceeds the policy:
 - It should be **blocked** OR
 - Admin should receive a **warning/notification** like: *"Employee has insufficient leave balance"* before approving.
- Negative balances should be **handled or disallowed** unless specifically configured.

Actual Result:

- All 3 leave requests were successfully submitted and approved.
- Employee Portal displays a **negative leave balance** of **-4 days**.
- **No warning or notification** was shown to Admin while approving.
- **No validation** stopped the Employee from requesting more than the allocated 12 days.

Impact:

- Allows misuse or overuse of leave system.
- Results in **incorrect leave tracking** and policy violations.
- Misleads both Admin and Employee due to **lack of visibility**.

Suggested Fix

Implement **validation checks** on both Employee and Admin sides:

- Block requests exceeding the allowed balance.
- Show warning to Admin if approving would result in a negative balance.

Optionally add **configurable settings** to allow/disallow negative balance with justification.



Environment:

- Platform: Web
- Browser: Chrome Version 137.0.7151.122 (Official Build) (64-bit)
- **URL:** <https://dev-trackx.wenawa.com/timesheet>
- OS: Windows 10 pro

Attachments:
Screenshots

Admin Solution portal	
Employee portal	

- Employee Atif aslam is assigned with leave policy of 12 days name as monthly.

The screenshot displays the TrackX HR system interface. The top navigation bar includes the TrackX logo, a sidebar menu with options like Dashboard, Core HR, and Organization, and a user profile section for 'inCoreIT' with a 'Sign Out' button. The main content area shows the profile of 'Atif Aslam', a 'half day' employee with email 'atif_aslam@mail.com' and designation 'BACKEND DEVELOPER/ FULL STACK'. His personal details include 'Date of Birth: Not added' and 'Join Date: 2025-07-22'. A 'Leave Policies' table is visible, showing a policy named 'monthly' with 12 available days and 0 used days for the year 2025.

Name	Description	Available	Used	Pending	Year
monthly	policy	12	0	0	2025

- On Atif portal the assigned policy is visible.

The screenshot shows the TrackX web application interface. The user is logged in as Atif Aslam. The left sidebar contains navigation links: Dashboard, Core HR, Organization, Leaves Management (selected), My Leaves, Document Management, Payroll Management, Policies Management, and Attendance Management. The main content area displays several summary cards: Pending Requests (0), Total Rejected (1), Approved Leaves (5), and Total Leave Days (34). Below these is the 'My Leave Balances' section, which is highlighted with a red box. It shows a progress bar for 'leave' with '12 days left' and 'Available: 12 Used: 0'. Below this is the 'My Leave Requests' section, which contains a table with one entry: 'Paid Leave' from 'Aug 12, 2025 to Aug 19, 2025' for '8' days, with a status of 'Approved'. A 'Request Leave' button is visible in the top right corner of the main content area.

- Request a leave from here on Atif portal.

The screenshot shows the TrackX web application interface with the 'Request Leave' modal form open. The modal has a title 'Request Leave' and a subtitle 'Submit a new leave request for approval. Check your leave balance before applying.' It contains the following fields: 'Leave Type' (a dropdown menu with 'Select a leave type' selected), 'Start Date' (a date picker with 'Pick a date' selected), 'End Date' (a date picker with 'Pick a date' selected and '0 days' displayed below it), and 'Reason for Leave' (a text area with the placeholder 'Please provide a reason for your leave request'). At the bottom of the modal are 'Cancel' and 'Submit Request' buttons. The background shows the same dashboard as the previous screenshot, but it is dimmed.

- On Atif portal (Requested 3 leave in order of 4days, 4 days ,8days = total 16 days).

The screenshot shows the TrackX employee portal for Atif Aslam. The left sidebar contains navigation links: Dashboard, Core HR, Organization, Leaves Management (selected), My Leaves, Document Management, Payroll Management, Policies Management, and Attendance Management. The main content area is titled 'My Leave Balances' and shows a progress bar for 'leave' with '12 days left'. Below this, a 'My Leave Requests' table is displayed, which is highlighted with a red border. The table has columns for Type, Date, Days, and Status. It lists three pending leave requests, all of type 'Paid Leave'.

Type	Date	Days	Status
Paid Leave	Aug 17, 2025 to Aug 24, 2025	8	Pending
Paid Leave	Jul 31, 2025 to Aug 3, 2025	4	Pending
Paid Leave	Jul 26, 2025 to Jul 29, 2025	4	Pending

- On admin portal use can view the pending leaves.

The screenshot shows the TrackX admin portal for employee Atif Aslam. The left sidebar contains navigation links: Core HR, Organization, Project Management, Leaves Management (selected), My Leaves, Leave Requests, Leave Types, Document Management, Payroll Management, Policies Management, Recruitment Management, Attendance Management, Settings, and Sign Out. The main content area displays employee details for Atif Aslam, including contact information, date of birth, and join date. Below this, a 'Leave Policies' table is shown, which is highlighted with a red border. The table has columns for Name, Description, Available, Used, Pending, and Year. It lists one policy named 'monthly' with 12 available days, 0 used days, and 16 pending days for the year 2025.

Name	Description	Available	Used	Pending	Year
monthly	policy	12	0	16	2025

- On admin portal All 3 requests are shown below to (accept /reject).

The screenshot shows the TrackX admin portal interface. The top navigation bar includes the TrackX logo, user information (inCoreIT, en, karachi), and a clock showing 5:50 PM. The left sidebar contains a menu with options like Core HR, Organization, Project Management, Leaves Management (selected), My Leaves, Leave Requests, Leave Types, Document Management, Payroll Management, Policies Management, Recruitment Management, Attendance Management, and Settings. The main content area displays a summary of leave requests: Pending Approvals (13), Total Approved (23), Total Rejected (1), and Total Leave Days (77). Below this, the 'Team Leave Management' section shows a table of 'Team Leave Requests' for employee atif asiam. The table has columns for Type, Date, Days, Status, Employee, and Actions. Three requests are listed, all with a status of 'Pending'.

Type	Date	Days	Status	Employee	Actions
leave	Aug 17, 2025 to Aug 24, 2025	8	Pending	atif asiam	Approve Reject
leave	Jul 31, 2025 to Aug 3, 2025	4	Pending	atif asiam	Approve Reject
leave	Jul 26, 2025 to Jul 29, 2025	4	Pending	atif asiam	Approve Reject

- On admin portal one request is approved. (4 days)

The screenshot shows the TrackX admin portal interface after one request has been approved. The summary statistics are updated: Pending Approvals (12), Total Approved (24), Total Rejected (1), and Total Leave Days (81). In the 'Team Leave Requests' table, the third request (Jul 26, 2025 to Jul 29, 2025) now has a status of 'Approved'.

Type	Date	Days	Status	Employee	Actions
leave	Aug 17, 2025 to Aug 24, 2025	8	Pending	atif asiam	Approve Reject
leave	Jul 31, 2025 to Aug 3, 2025	4	Pending	atif asiam	Approve Reject
leave	Jul 26, 2025 to Jul 29, 2025	4	Approved	atif asiam	Approved

- On Atif portal it is updated 4 used .

The screenshot shows the TrackX user portal for Atif Aslam. The 'My Leave Balances' section is highlighted with a red box, showing a progress bar for 'leave' with '8 days left'. Below it, the 'My Leave Requests' table lists three requests:

Type	Date	Days	Status
Paid Leave	Aug 17, 2025 to Aug 24, 2025	8	Pending
Paid Leave	Jul 31, 2025 to Aug 3, 2025	4	Pending
Paid Leave	Jul 26, 2025 to Jul 29, 2025	4	Approved

- On admin portal one more request is approved. (4 days)

The screenshot shows the TrackX admin portal. The 'Team Leave Requests' table is highlighted with a red box, showing the status of the requests for Atif Aslam:

Type	Date	Days	Status	Employee	Actions
leave	Aug 17, 2025 to Aug 24, 2025	8	Pending	atif aslam	Approve Reject
leave	Jul 31, 2025 to Aug 3, 2025	4	Approved	atif aslam	Approved
leave	Jul 26, 2025 to Jul 29, 2025	4	Approved	atif aslam	Approved
leave	Aug 12, 2025 to Aug 19, 2025	8	Approved	atif aslam	Approved

- On Atif portal it is updated 8 used .

The screenshot shows the TrackX user portal for 'inCoreIT'. The user is 'Atif Aslam.' and the time is 5:56 PM. The left sidebar contains navigation links: Dashboard, Core HR, Organization, Leaves Management (selected), My Leaves, Document Management, Payroll Management, Policies Management, and Attendance Management. A 'Sign Out' button is at the bottom of the sidebar.

The main content area has two sections:

- My Leave Balances:** A card showing 'leave' with a progress bar. It indicates '4 days left' and 'Available: 4 Used: 8 Pending: 8'.
- My Leave Requests:** A table listing leave requests. The first request is 'Paid Leave' from Aug 17, 2025 to Aug 24, 2025, for 8 days, with a status of 'Pending'.

Type	Date	Days	Status
Paid Leave	Aug 17, 2025 to Aug 24, 2025	8	Pending
Paid Leave	Jul 31, 2025 to Aug 3, 2025	4	Approved
Paid Leave	Jul 26, 2025 to Jul 29, 2025	4	Approved

- On admin portal one more request is approved. (8 days)

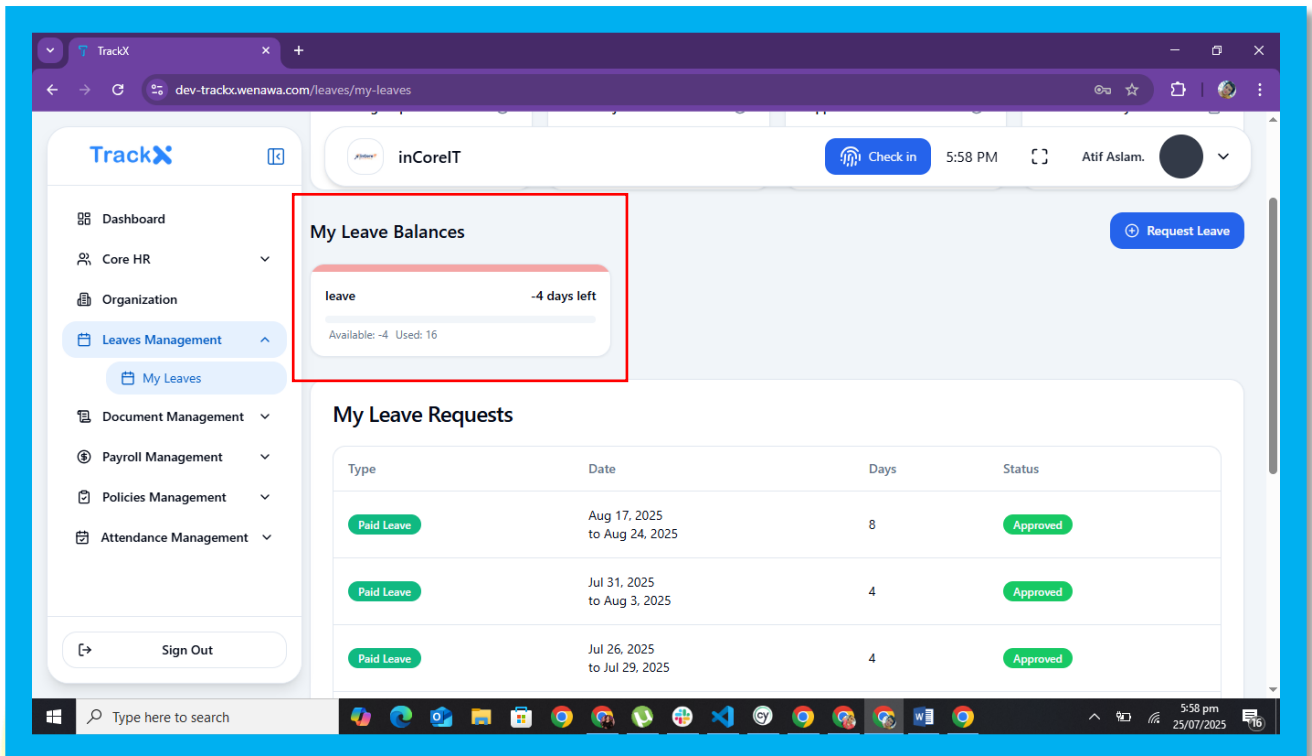
The screenshot shows the TrackX admin portal for 'inCoreIT'. The user is 'Admin Solution.' and the time is 5:57 PM. The left sidebar contains navigation links: Core HR, Organization, Project Management, Leaves Management (selected), My Leaves, Leave Requests, Leave Types, Document Management, Payroll Management, Policies Management, Recruitment Management, and Settings. A 'Sign Out' button is at the bottom of the sidebar.

The main content area has two sections:

- Summary Cards:** Four cards showing overall statistics: Pending Approvals (10), Total Approved (26), Total Rejected (1), and Total Leave Days (93).
- Team Leave Management:** A section with a 'Select Department' dropdown and an 'Export Report' button.
- Team Leave Requests:** A table listing leave requests for the team. The first three requests are 'leave' from Aug 17, 2025 to Aug 24, 2025, for 8 days, with a status of 'Approved'.

Type	Date	Days	Status	Employee	Actions
leave	Aug 17, 2025 to Aug 24, 2025	8	Approved	atif aslam	Approved
leave	Jul 31, 2025 to Aug 3, 2025	4	Approved	atif aslam	Approved
leave	Jul 26, 2025 to Jul 29, 2025	4	Approved	atif aslam	Approved
leave	Aug 12, 2025 to Aug 19, 2025	8	Approved	atif aslam	Approved

- On Atif portal it is updated 16 used(BUG) .



The screenshot displays the TrackX web application interface. The left sidebar contains navigation links: Dashboard, Core HR, Organization, Leaves Management (selected), My Leaves, Document Management, Payroll Management, Policies Management, and Attendance Management. The main content area is titled 'My Leave Balances' and shows a 'leave' balance of -4 days left, with 'Available: -4' and 'Used: 16'. A red box highlights this section. Below it, the 'My Leave Requests' table lists three approved requests:

Type	Date	Days	Status
Paid Leave	Aug 17, 2025 to Aug 24, 2025	8	Approved
Paid Leave	Jul 31, 2025 to Aug 3, 2025	4	Approved
Paid Leave	Jul 26, 2025 to Jul 29, 2025	4	Approved

The bottom of the screenshot shows a Windows taskbar with various application icons and a system clock indicating 5:58 pm on 25/07/2025.

Severity: Major
Priority: High
Status: New