

ADMIN DASHBOARD

Project Start date: 19-12-2024

Reporting date: 04-02-2025

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List of Contents

1. Introduction	2
2. Project Objectives	2
3. Feature Enhancements & Implementation Details	2
○ Add User	2
○ Allocation List	3
○ Attendance	4
○ Attendance List	4
○ Chat Box	4
○ Check-In Accept	5
○ Communication	6
○ Complaint	6
○ Project Management	7
○ Dashboard Enhancements	8
○ Dispute Management	9
○ Employee Management	10
○ UI & Notifications	12
○ Leave Manager	13
○ Meetings	15
○ Missing Work Report	15
○ Notification System	16
○ Payroll & Profile	16
○ Project Management Enhancements	16
○ Testing & Issue Tracking	18
○ Red Flag & Red List	19
○ Reports & Work Management	20
○ Scheduler & Calendar Events	21
4. Conclusion	22
5. Future Recommendations	22
6. Synopsis	22

Introduction

This project aimed to enhance the existing dashboard by introducing new features, optimizing backend operations, improving frontend alignment, and enhancing user experience. The updates covered multiple functional areas such as user management, project allocation, attendance tracking, dispute management, communication, and notification systems.

Project Objectives

1. **Enhance User Experience:** Improve frontend design, alignment, and responsiveness.
2. **Optimize Backend Operations:** Fix existing issues, add validation, and enhance functionality.
3. **Improve Employee Management:** Introduce new features for performance review, agreement management, and dispute tracking.
4. **Enhance Communication & Notifications:** Implement chat, CEO messaging, and notification enhancements.
5. **Optimize Project & Work Management:** Introduce new features for project allocation, meeting management, and work report tracking.
6. **Automate Scheduling & Reporting:** Implement schedulers for attendance, holiday allocation, and red flag management.

Feature Enhancements & Implementation Details

Add User



- **Backend:** Resolved an issue where the employee ID counter was increasing even if there was an issue.

Employee List

SL.NO	EMPLOYEE ID	USER NAME	EMAIL ID	PHONE NO	DESIGNATION	DATE OF JOIN	STATUS	EDIT
1	101	bhavani	b@gmail.com	9394021500	Jr Developer	2002-12-02	Inactive	Edit
2	1000	goud	g@gmail.com	9394021536	CEO	2001-03-21	Active	Edit
3	102	sai	sai@gmail.com	987654321	Jr Developer	2024-12-19	Active	Edit
4	BA001	swt	s@gmail.com	56789876	Jr Developer	2024-12-20	Active	Edit
5	BA004	ak	ak@gmail.com	3456789	HR	2024-12-01	Active	Edit

- **Frontend:**
 - The validation has been done for all inputs except PF and UAN.

Employee user information

Username* <input type="text" value="Enter Username"/>	Password* <input type="password" value="Enter Password"/>
Email address* <input type="text" value="Enter Email"/>	First name* <input type="text" value="First Name"/>
Last name* <input type="text" value="Last Name"/>	Phone Number* <input type="text" value="Phone Number"/>
Date of Birth* <input type="text" value="dd-mm-yyyy"/> 	Designation* <input type="text" value="Select Designation"/>
Joining Date* <input type="text" value="dd-mm-yyyy"/> 	User Role* <input type="text" value="Select User Role"/>



CONTACT INFORMATION

Address*

City* <input type="text"/>	Country* <input type="text"/>	Postal Code* <input type="text"/>
UAN* <input type="text"/>	PF Number* <input type="text"/>	PAN* <input type="text"/>

Allocation List

- **Backend:**
 - A new page was added to select a project.
 - Filter employees based on **working** or **removed** status.
 - Display employees working on a project or removed from it.
 - Added buttons to **add/remove** employees from projects.

No Data Found

- **Frontend:**
 - The table alignment has been fixed, including the alignment of the table heading, table data, and the adjusted button.

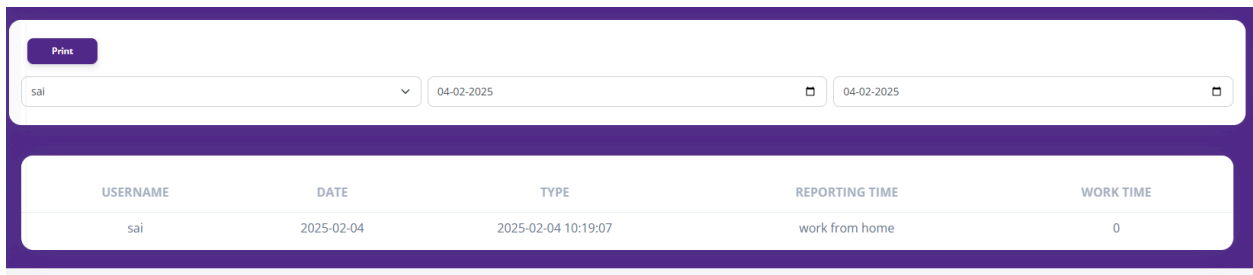
Attendance

- **Backend:**
 - New page for attendance tracking.
 - Employees can mark attendance once a day as **Work from Home** or **Work from the Office**.
 - The default status is **leave** (users can update once a day).
 - The scheduler auto-sets default attendance as leave before 9 AM.

- **Frontend:** No Changes

Attendance List

- **Backend:**
 - New page to view attendance records.
 - Displays **check-in and check-out times**.
 - Filter by **username** and **date range**.



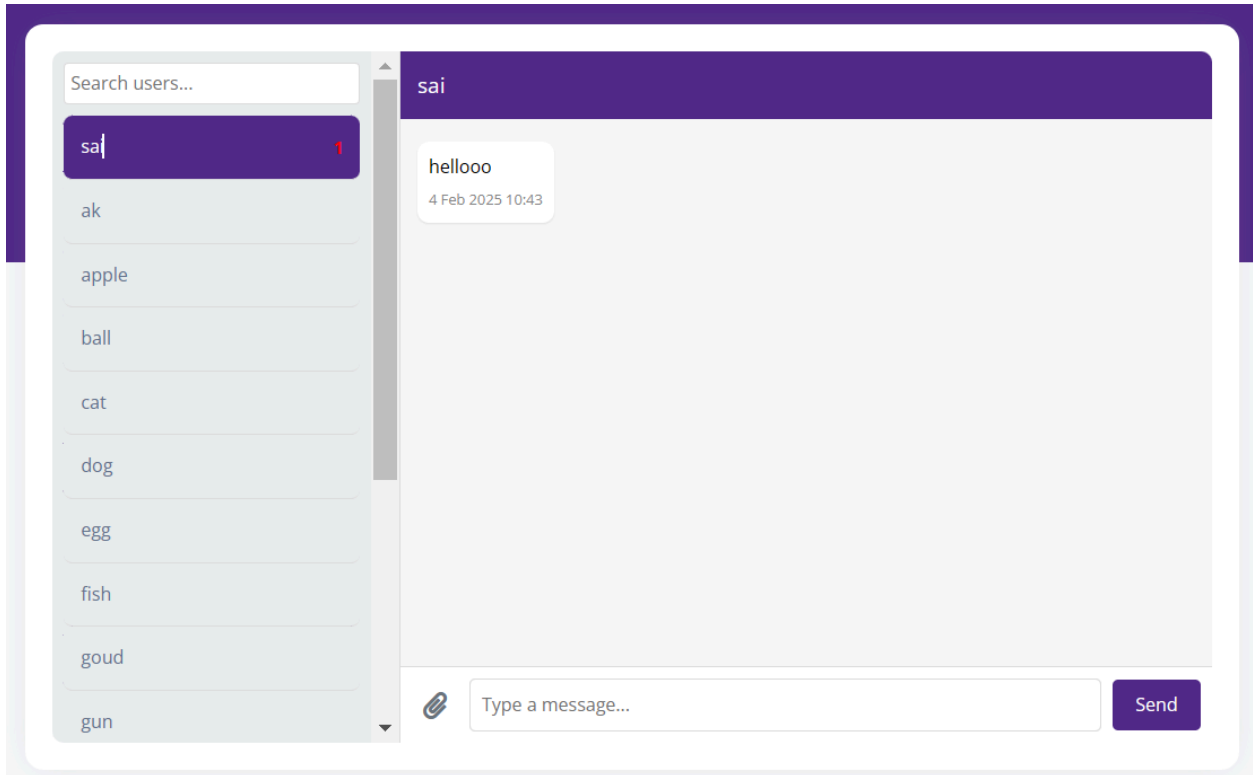
The screenshot shows a web interface for viewing attendance records. At the top, there is a search bar with a 'Print' button on the left. The search bar contains a dropdown menu with 'sai' selected, a date range input showing '04-02-2025' to '04-02-2025', and a calendar icon. Below the search bar is a table with the following data:

USERNAME	DATE	TYPE	REPORTING TIME	WORK TIME
sai	2025-02-04	2025-02-04 10:19:07	work from home	0

- **Frontend:**
 - No Changes

Chat Box

- **Backend:**
 - New page for employee communication.
 - Stores chat data.
 - Displays only **active users**.
 - Enables file sharing.



- **Frontend:**
 - A message counter has been added.

Check-In Accept

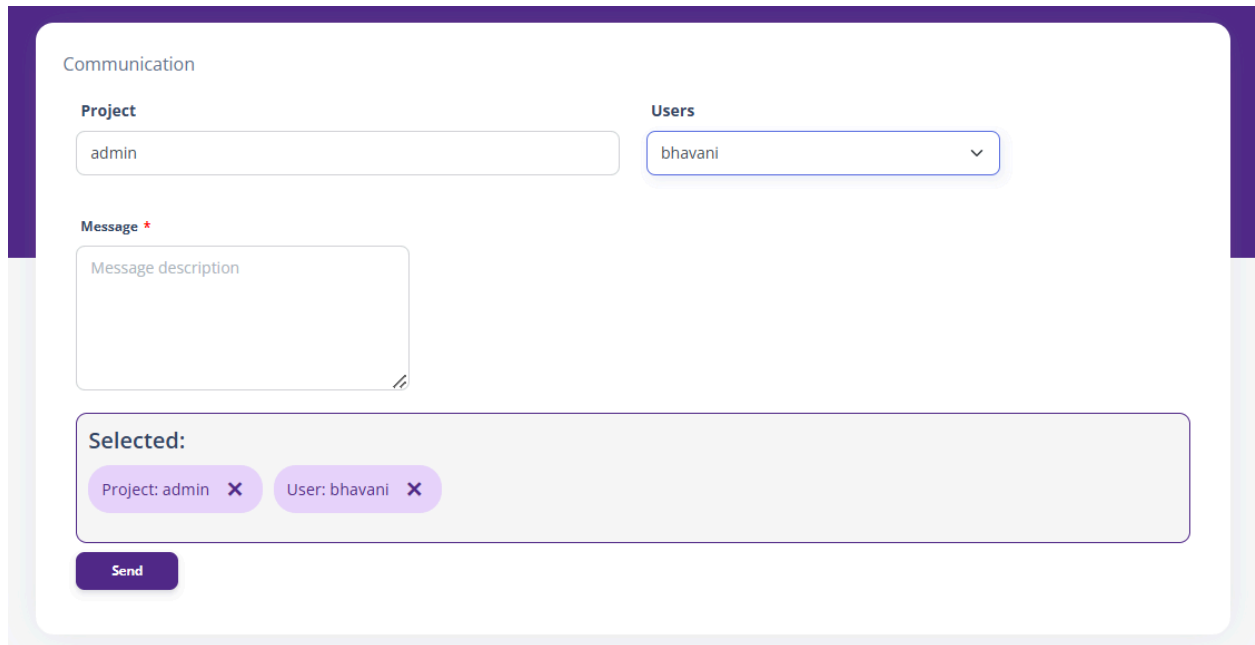
- **Backend:**
 - The new page is accessible only to **HR and the CEO**.
 - Buttons to **approve or reject** check-ins.

USERNAME	DATE	REPORTING TIME	WORK TYPE	ACTION
apple	2025-02-04	10:47:40	work from office	<div>Approve</div> <div>Reject</div>
apple	2025-02-04	10:47:40	work from office	<div>Approve</div> <div>Reject</div>

- **Frontend:**
 - No Changes.

Communication

- **Backend:**
 - New page for **CEO-only** communication.
 - CEOs can send messages to employees.
 - Requires selecting at least one project or user.
 - Employees receive notifications.



The screenshot shows a web form titled "Communication". It has two input fields at the top: "Project" with the value "admin" and "Users" with a dropdown menu showing "bhavani". Below these is a "Message" field with a red asterisk and a placeholder "Message description". At the bottom, there is a "Selected:" section containing two tags: "Project: admin" and "User: bhavani", each with a close button (X). A "Send" button is located at the bottom left of the form.

- **Frontend:**
 - The alignment of the **send** button has been fixed.

Complaint

- **Backend:**
 - Allows **users** to raise issues.
 - Notifications were sent to **HR and the CEO**.
- **Frontend:**
 - The alignment of the send button has been fixed.

Complaint

Complaint *

Send

Notifications

On 25-12-2025 is a Holiday on account of christmas
Thu, 30 Jan 2025 09:52:42 GMT

Someone has submitted a complaint: 'wifi speed should be increased'
Tue, 04 Feb 2025 10:55:18 GMT

Clear All

Project Management

Create Project

- **Backend:**
 - Added **Meet Link** button visible to all users.
- **Frontend:**
 - The alignment of the **Add Project** button has been fixed.

CREATE-PROJECT


Project Title *

Start Date * **End Date ***

Meet Link *

Description *

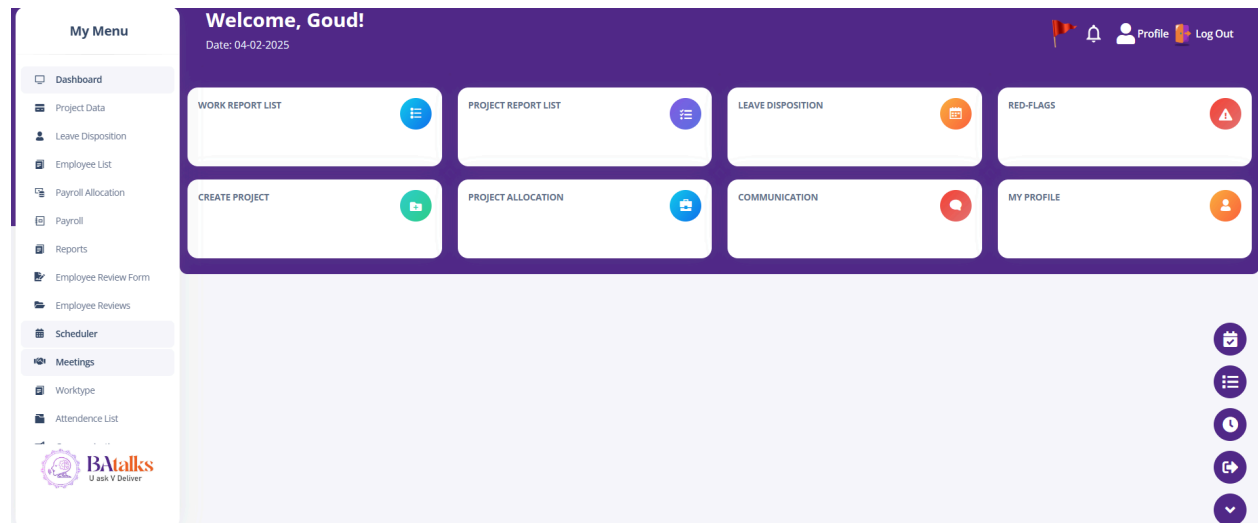
Project description, Objectives, Required outputs



Add Project

Dashboard Enhancements

- **Backend:**
 - Added floating button check.
 - Increased widget count from **4 to 8**.



- **Frontend:**
 - No Changes.

Dispute Management

Dispute Submission

- **Backend:**
 - New feature to raise disputes.
 - Generates a **dispute ticket ID**.
 - Send confirmation email.

Submit a Dispute

DISP-03892763

Full Name

Email

Phone Number

Describe your dispute

Submit Dispute

- **Frontend:**
 - No Changes.

Dispute List

- **Backend:**
 - Displays **unresolved disputes**.
 - Review and Resolve buttons:
 - **Review:** Send review email.
 - **Resolve:** Send resolution email.

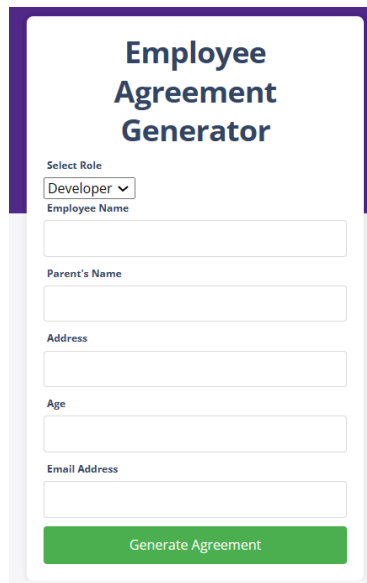
DISPUTE ID	USERNAME	DATE	DISPUTE	Action
DISP-84954614	cvb	2025-01-31 16:29:52	ufytubhuftrgvbj	<button>Review</button> <button>Resolved</button>

- **Frontend:**
 - No Changes.

Employee Management

Employee Agreement

- **Backend:** No changes
- **Frontend:**
 - The form has been properly aligned, and the background colors and buttons have been adjusted.



The screenshot shows a web form titled "Employee Agreement Generator" with a purple header. The form contains the following fields and elements:

- Select Role:** A dropdown menu with "Developer" selected.
- Employee Name:** A text input field.
- Parent's Name:** A text input field.
- Address:** A text input field.
- Age:** A text input field.
- Email Address:** A text input field.
- Generate Agreement:** A green button at the bottom of the form.

Employee List

- **Backend:**
 - Added column to indicate **active/inactive** users.
 - Button to update user status.
 - Convert users to **inactive**.
- **Frontend:**
 - The table alignment and button have been adjusted.

Employee List

SL.NO	EMPLOYEE ID	NAME	DESIGNATION	DATE OF JOIN	STATUS	EDIT
1	101	bhav	Jr Developer	2002-12-02	Inactive	Edit
2	1000	goud	CEO	2001-03-21	Active	Edit
3	102	sai	Jr Developer	2024-12-19	Active	Edit
4	BA001	swt	Jr Developer	2024-12-20	Active	Edit
5	BA004	ak	HR	2024-12-01	Active	Edit
6	BATR0125	appi	Trainee	2025-01-03	Active	Edit
7	BATR0225	ball	Trainee	2025-02-12	Active	Edit
8	BATR0325	cat	Trainee	2025-03-01	Active	Edit

Edit Employee

User Name

Email

Phone No

Designation

Status

Close

Save changes

Employee Review


- **Backend:**
 - HR can submit performance reviews.
 - Data is stored.
- **Frontend:**
 - A function has been added so that the Enter button will submit the data if all fields are filled properly. Additionally, a **"Rating"** word has been included.

Employee Review Form

Username *

Select Username

Month *




-----, ---- 

Review Number *

Select

Work (0-10) *

Work Reason *

Code of Conduct (0-10) *

Code of Conduct Reason *

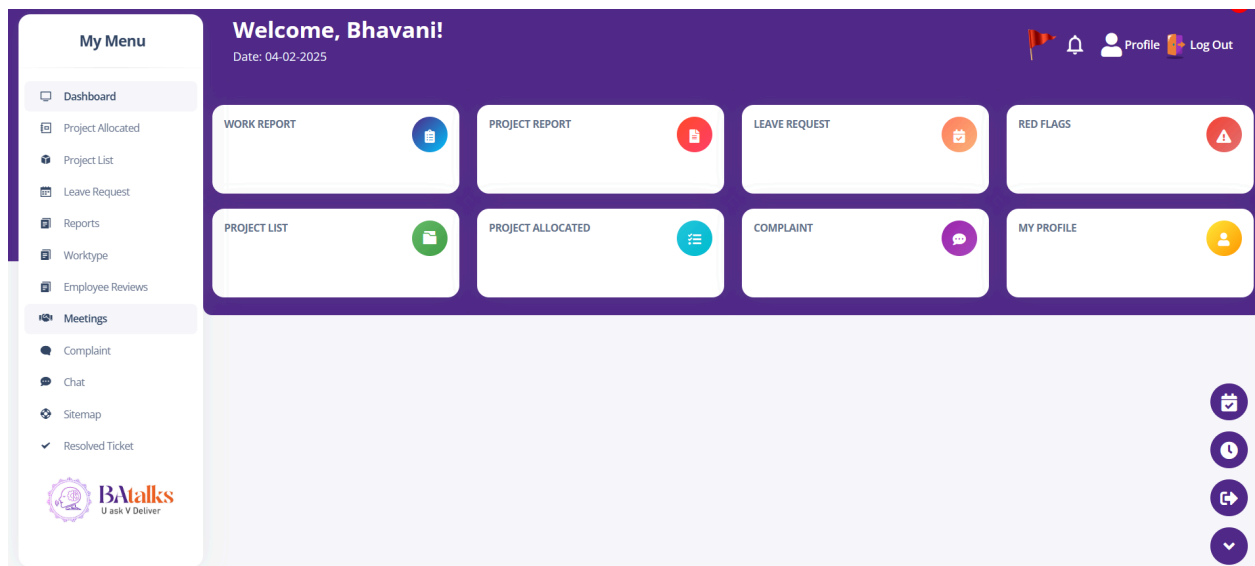
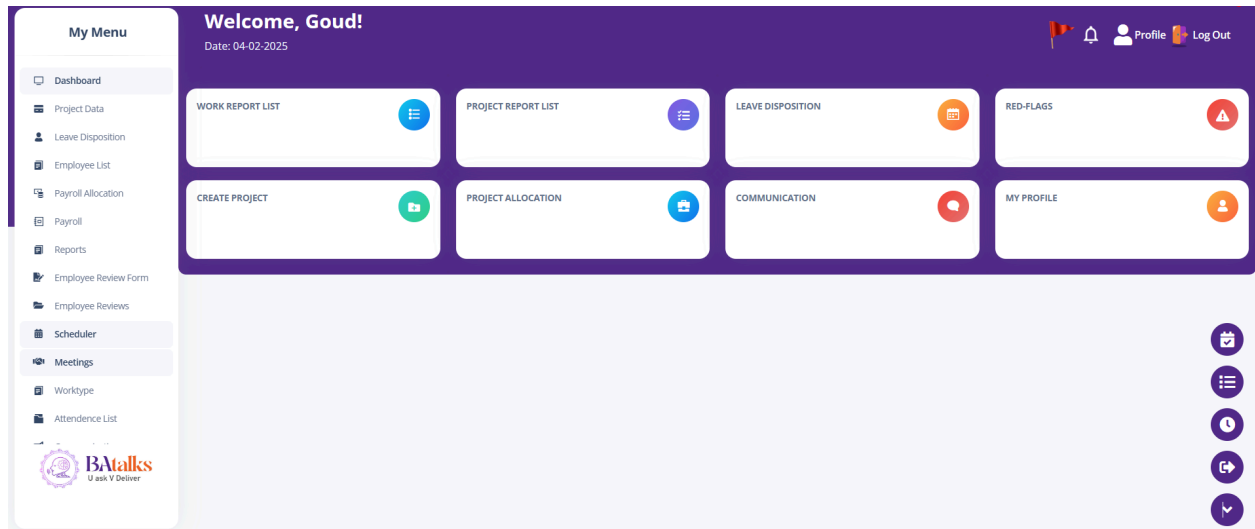
Employee Review List

- **Backend:**
 - Displays employee reviews.
 - Generates graphs and assigns star ratings.
 - **CEO-only** access for edits.
- **Frontend:**
 - The submit button size has been adjusted and aligned properly.

UI & Notifications

Header

- **Backend:**
 - Dynamic header visibility based on **user roles**.
- **Frontend:**
 - The icons in the header have been adjusted for both large and small screens.



Leave Manager

- **Backend:**
 - **Print button** to download leave data.
 - Filters for **date range and users**.
 - Users get **notifications on updates**.
 - **Allocate/remove** holidays with notifications.
 - **Scheduler** to auto-allocate weekend holidays.
- **Frontend:**
 - fixing the table alignment and adjusting the button.

Holidays List

Holiday Allocation

Print

Users

04-02-2025

11-02-2025

Leave List

S.NO	EMPLOYEE NAME	LEAVE TYPE	START DATE	END DATE	REASON	DAYS	OPTIONS
1	swt	casual	2025-02-08	2025-02-08	bn	0 days	<div>Approve</div> <div>Reject</div>

Welcome, Bhavani!

Date: 04-02-2025

Profile

Log Out

Notifications

Your leave request starting 2025-01-09 has been rejected. Reason: fgh

Mon, 06 Jan 2025 16:34:06 GMT

Your leave request starting 2025-01-07 has been rejected. Reason: jmhgbn

Tue, 07 Jan 2025 11:14:28 GMT

Leave Request

- **Backend:**
 - Users with **12+ leave counts** per year cannot apply.
 - **HR and the CEO** get notifications for new requests.
- **Frontend:**
 - The table alignment has been fixed.

Leave Request

Sick Leave: 12 | Casual Leave: 12

Holidays List

Leave Type *

Select Leave Type

Start Date *

Select Start Date

End Date *

Select End Date

Reason *

Reason

Request

Meetings

- **Backend:**
 - Displays meetings available to the user.
- **Frontend:**
 - The **table alignment, button** has been fixed.

Meetings					
SL.NO	MEET TITTLE	DATE	TIMING	MEET DESCRIPTION	LINK
1	knjbh	2024-01-20	10:15am	,lkjh	Meet Link
2	jhugytf	2025-01-22	22:40	kijuhyg	Meet Link
3	testinggggggkmijuhyg	2025-01-22	11:15am	jnhbgvf	Meet Link

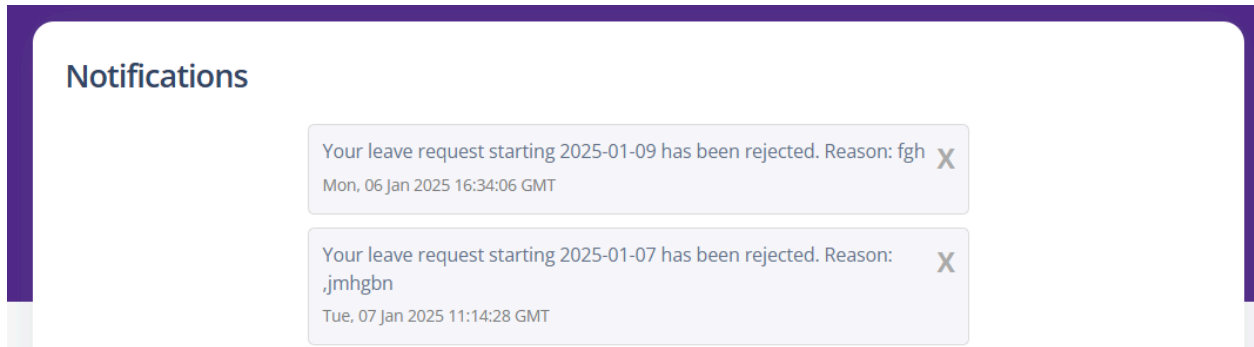
Missing Work Report

- **Backend:**
 - Displays missing work report time slots.
 - Filters by **user and date range**.
 - **Print option** available.
- **Frontend:**
 - No Changes.

Missing slots List of Krishna and Emp.Id is BA01				Workreport List	Print
Users	▼	04-02-2025	📅	04-02-2025	📅
USERNAME	DATE	MISSING COUNT	MISSING SLOTS		
krishna	2025-02-04	10	9am to 10am, 10am to 11am, 11am to 12pm, 12pm to 1pm, 1pm to 2pm, 2pm to 3pm, 3pm to 4pm, 4pm to 4:30pm, 4:30pm to 5pm, 5pm to 6pm		
raju	2025-02-04	10	9am to 10am, 10am to 11am, 11am to 12pm, 12pm to 1pm, 1pm to 2pm, 2pm to 3pm, 3pm to 4pm, 4pm to 4:30pm, 4:30pm to 5pm, 5pm to 6pm		

Notification System

- **Backend:**
 - Users can clear notifications **individually or all at once**.
- **Frontend:**
 - No Changes



Payroll

- **Backend & Frontend:** No changes.

Profile

- **Backend & Frontend:** No changes.

Project Management Enhancements

Project Allocation

- **Backend:**
 - Added **end date column** in database
 - Allows **removal and addition** of users.
- **Frontend:**
 - No Changes.

Projects

Working

PROJECT	USERNAME	EMP ID	DATE	REMOVE
happy	chakri	BAR04	2025-01-14	Remove

Project List

- **Backend:**
 - Added **Meet Link** access button.
 - The edit button switches text input to store data in the **Project Table**.
- **Frontend:**
 - The table and buttons have been properly aligned.

Project List

	SL.NO	PROJECT NAME	DESCRIPTION	START DATE	END DATE	
Allocate User	1	happy	zsxdghjo	01-02-2024	06-12-2024	Meet Edit Delete

Project Report

- **Backend:**
 - Added with **3 time slots**.
 - Error raised if duplicate slots are added.
- **Frontend:**
 - No Changes.

Project-Report

Project *

Select project

Date *

04-02-2025

Timings *

Select Timings

Select Timings

9am to 12pm

12pm to 3pm

3pm to 6pm

Project Report List

- **Backend:**
 - Displays project reports.
 - Button to enable/disable data storage.
- **Frontend:**
 - No Changes.

Same as the work report list

Testing & Issue Tracking

Raise Ticket

- **Backend:**
 - Only for testers.
 - Allows ticket submission.
- **Frontend:**
 - adjusted the form, table, and button alignment properly.

Raise Ticket

SITEMAP ID	PROJECT	MODULE	MODULE LIST	PAGE NAME	PAGEURL	PAGE DESCRIPTION	STATUS	ACTION
SM-447	jhgfd	hgfcxghb	hjpgvc	jnhgytfrd	http://127.0.0.1:8080/issues	kmjhuygtfrd	Complete	Raise Ticket
SM-496	kjhgfKJHG	kjhgf	kjhgvf	kjhgyft	http://127.0.0.1:8080/issues	kmjhuygtf	Incomplete	Raise Ticket

Red Flag & Red List

- **Backend:**
 - Identifies **red flag users** based on role.
 - **Print option** added.
 - Button to find **red list users**.
 - Users with **10+ red flags** can be marked **inactive**.
 - **Month filter** added.
 - **The scheduler auto-posts red flags**.
- **Frontend:**
 - The **print** button will be visible only to users who have access. The data has been aligned properly.

krishna

Red List

Print

Red Flags for krishna

S.NO.	RED-FLAGS
1	You haven't given all the work reports of today (2025-01-03).
2	You haven't reported for the following time slots today (2025-01-03): 12pm to 12:30pm, 12:30pm to 1:30pm, 1:30pm to 2pm, 5pm to 6pm.

Print

Red List of February 2025

S.NO.	USERNAME	COUNT	ACTION
1	chakri	6	Inactive
2	wick	5	Inactive

Reject List

- **Backend:**
 - Displays **rejected check-ins** by date and user.
- **Frontend:**
 - No Changes.

All Users

▼

04-02-2025

📅

04-02-2025

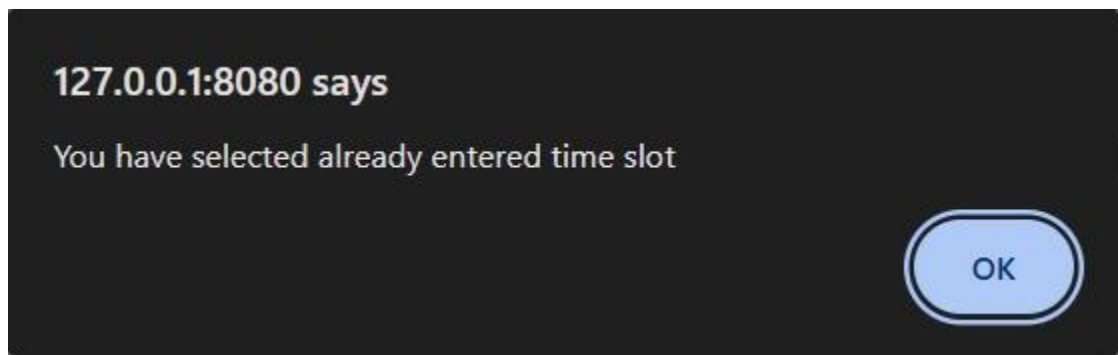
📅

USERNAME	DATE	TYPE	REPORTING TIME
krishna	2025-02-04	leave	2025-02-04 09:58:00

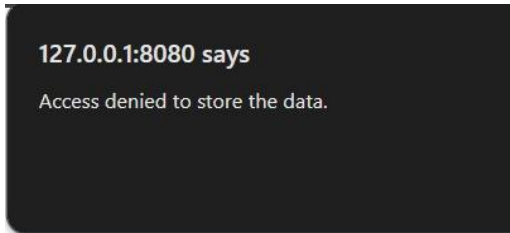
Reports & Work Management

Work Report

- **Backend:**
 - Prevents **duplicate entries**.
 - Redirect the button to the **Work Report List**.
- **Frontend:**
 - No Changes.



Work Report List

- **Backend:**
 - Toggle button for work reports.
- 
- Date filters.
- **Download option.**
- **Scheduler to enable/disable reports.**

- **Frontend:**
 - No Changes.

WorkReport List of Krishna and Emp.Id is BA01

krishna 04-02-2025 04-02-2025

Work-Report Disable Updates Missing Slots Print

Scheduler & Calendar Events

- **Backend:**
 - Enables scheduling to **meet events**.
 - Retrieves user/project data.
 - Sends invitations via **email**.
- **Frontend:**
 - In the **scheduler**, the **send** button has been adjusted.
 - In **meetings**, the table alignment and buttons have been adjusted.

Scheduler

Meet Title * review Time Slot * 12:00pm

Date * 05-02-2025 Project dashboard

Users bhavani

Description * Meet description

Selected:

User: bhavani X

Send

Conclusion

This project successfully improved the dashboard by introducing critical enhancements, resolving existing issues, and optimizing both backend and front-end functionalities. The changes ensure better workflow management, improved user experience, and enhanced efficiency across all modules.

Future Recommendations

1. **Enhance Security Measures:** Implement role-based access control enhancements.
2. **Advanced Analytics:** Introduce real-time dashboards and data visualization.
3. **Mobile App Integration:** Extend features to mobile platforms.
4. **Performance Optimization:** Conduct stress testing and improve load handling.

Synopsis

This project aimed to enhance the existing admin dashboard by introducing new features, optimizing backend processes, improving frontend alignment, and enhancing user experience. The updates focused on multiple functional areas such as user management, project allocation, attendance tracking, dispute management, communication, and notifications.

Key improvements include fixing backend issues like user ID tracking, optimizing database operations, and automating scheduling tasks. The frontend was refined for better alignment and responsiveness. Communication features like CEO messaging and chat systems were also introduced. Other significant enhancements include attendance tracking automation, project work management tools, dispute tracking, and an improved leave management system.

With these implementations, the admin dashboard now provides a more efficient and streamlined experience, ensuring better workflow management and user interaction.

Bharath K , Founder & C.E.O