

Aligned Rewards

Super Admin Module and Chatbot

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Aligned Rewards

Aligned Rewards is a unified employee engagement platform that brings peer-to-peer recognition, performance feedback, and goal management together in one intuitive dashboard. By turning everyday achievements into real-time insights, it helps leaders boost morale, accelerate development, and drive measurable business results.

Overview

Super Admin Module

- Effective modular and flexible design solution for Aligned Rewards to manage the onboarded businesses/clients
- Centralized client management system, granular control with role-based super admin logins
- Supports advanced document processing

LLM Chatbot

- Modular conversational interface designed to assist with Agile and project management workflows
- Seamlessly integrated with Aligned Rewards for goal-aligned, personalized interactions

Problem Statement

Super Admin Module

- Lack of self-service password reset functionality for users
- Reporting and analytics for tracking user goals and employee performance from an administrative viewpoint

LLM Chatbot

- Limited real-time assistance for users navigating Agile workflows such as standups and retrospectives
- Lack of intelligent support to streamline task tracking, clarify project terminology, and reduce manual overhead during sprint cycles

Solution

Super Admin Module

- Secure password reset functionality with server-side validation, hashed-password updates and user notifications
- Develop Reporting & Analytics suite to monitor user goals and employee performance at a glance

LLM Chatbot

- Intelligent chatbot integrated with project workflows to provide real-time Agile support, personalized guidance, and persistent session tracking tailored to individual user goals.

LLM Chatbot

Modules:

LLM Chatbot - An AI-powered assistant that guides users through Scrum and software project workflows. It supports standups, sprint planning, retrospectives, and task tracking via real-time chat

Aligned Rewards - Integrated seamlessly into the Aligned Rewards platform to provide context-aware assistance. It aligns responses with user goals, progress, and resume data for personalized support

Chat History - Chat sessions are auto-titled and stored for continuity and easy reference. Users can revisit past interactions to track guidance, decisions, and improvements

Design and Development Process (Chatbot)

Requirements: Support for Scrum workflows, personalized responses via Aligned Rewards, and persistent chat history

Design: Built around a clean, modular structure separating the core chatbot logic and chat history management

Development: Assembled core functionalities—including real-time chat, rewards integration, and session tracking—into a cohesive system, ensuring smooth interaction flow and personalized responses across modules

Testing: Run unit tests per module and system tests for end-to-end flows

Iteration: Collect user feedback and continuously fix user pain points

Results and Demo

Chatbot

New Chat

How can I help you?

Hey Aligned Rewards, can you please guide me through the application?

AS

Certainly! Aligned Rewards is designed to streamline employee engagement through various features. Here's a quick guide:

- Liveboard**: Your main dashboard. Monitor open and completed tasks, projects, and recent activity. Access "Your Tasks" and view all projects.
- Goals**: Set and track your goals. Define objectives, associate key results, and monitor progress. Use the "Create goal" button to start a new goal.
- Projects**: Oversee tasks and team roles. Check project status, summaries, and make edits as required.
- To-dos**: Manage daily tasks. Use "Create Category" and "Add To-do" to organize tasks.
- Employee Hub**:
 - Teams**: Collaborate with team members, view and add tasks, and create new teams.
 - Meetings**: Schedule and manage meetings. Sync with Google Calendar or Microsoft Teams.
 - Chats**: Communicate seamlessly with one-on-one or group chats.
 - Leave Management**: Request and track leaves, with clear views of leave balances.
- Recognition**: Redeem points for gift cards or customized rewards. Track your rewards history and points breakdown.
- Performance Review**: Evaluate performance based on metrics.
- Development**: Engage in training or challenges to foster growth.

For earning points: Complete tasks and participate in challenges. Points can be redeemed for various rewards.

Use the platform's integration options to connect with tools like Google Calendar for enhanced scheduling and efficiency. Aligned Rewards not only helps in task management but also promotes collaboration and recognition across teams.

Type a message...

Send

Super Admin Module

Modules:

Implement a Secure, Self-Service Password Reset Workflow - Design and build a user-friendly reset form on the frontend that ties into a new backend API endpoint, with built-in identity verification, client- and server-side validation, hashed-password updates, audit logging and user notifications.

Develop Reporting & Analytics - Create backend services to aggregate and store goal-tracking, performance, and reward data, then expose them via REST endpoints; on the frontend, deliver interactive dashboards (with filtering, sorting, and export to PDF/CSV) so admins can monitor user goals, employee performance and reward distribution at a glance.

Enforce Role-Based Access & Compliance - Apply strict access controls on both the password-reset and reporting features, ensure all sensitive operations are logged for auditing, and include export and retention policies to meet security and regulatory requirements.

Design and Development Process (Super Admin Module)

Requirements: Develop password reset, resend invitations to employees and reports & analytics modules with security compliance

Design: REST APIs and error-handling conventions, hashed password generations with password validation schema

Development: Implement modular, reusable React components alongside secure NestJS with TypeScript endpoints


Testing:

Perform end-to-end flows in staging with simulated user scenarios, including happy-paths and error-paths, and using postman/curl for endpoints

Unit tests for date logic (Jest)

Iteration: Apply agile retrospectives to adjust scope, improve code quality and optimize sprint planning

Results of Super Admin Module



Client ManagementModulesModule MethodReports

Logout









Administrator name
Fenil AB

No. of employees
26

Aligned Rewards
Aligned Rewards is your gateway to organisational success! Discover why top firms rely on Aligned Rewards for boosted employee engagement and performance management.

Total 26 employees

Search employee name

Name	Email and Phone	Designation	Role	Actions
 Sagar Rudati		Frontend developer	Testing	Resend invitation Reset password
 Nikil Suresh Raaju		Intern	N/A	Resend invitation Reset password
 Fenil AB		Admin	new role	Resend invitation Reset password
 Dash RTS		software	Managers I	Resend invitation Reset password
 shahin Ag1		Software	Frontend Developer	Resend invitation Reset password
 harshad client		new client	N/A	Resend invitation Reset password
 Sagar Client		no	N/A	Resend invitation Reset password

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[Aligned Rewards] Password Reset Request

ExternalInbox X

Aligned Rewards

contact@alignedrewards.com via nrtqed.shared.klaviyomail.com

to me



Hey Nikil Suresh Raaju,




This email is to notify that your **password** has been **reset** by the system administrator. Your temporary **password** is: **[REDACTED]**

You will need to use this temporary **password** provided by the system administrator to log in to your account. Once logged in, we strongly recommend changing your **password**.


Thank you for your attention to this matter.

Cheers,
Aligned Rewards

Follow us on social media



No longer want to receive these emails?
RoundTechSquare 1F 10/11 The Trilium Vedodara, Gujarat 391410




Invitation email for employee

ExternalInbox X

Aligned Rewards

contact@roundtechsquare.com via nrtqed.shared.klaviyomail.com

to me



Hey Nikil Suresh Raaju,

Nikil Suresh Raaju, from RTS, wants you to join their team on Aligned Rewards. Aligned rewards is the way to organizational success. Please follow this link and setup your account to start using Aligned Rewards.





Prefer not to participate? You can ignore this **invitation** and we'll let RTS know. If you have any questions, just email RTS and we will let them know.

Email : psuresh@asu.edu
Password : **[REDACTED]**
Organization ID : **[REDACTED]**

Welcome aboard,
Nikil Suresh Raaju

Login to your account

Follow us on social media



No longer want to receive these emails?
RoundTechSquare

Results of Super Admin Module

Client Management

Modules

Module Method

Reports

Logout

Reports List

Access Reports for your client organizations.

Total 64 clients

Organization name

Test

RoundTechSquare

Test

testOrg

Aligned Rewards

RoundTechSquare

RTS

Report Settings for RoundTechSquare

Organization ID: URMT69W1

☒ Performance Management Report

☒ Goal Achievement Report

☐ Employee Engagement Report

☐ Reward and Recognition Report

☒ Workforce Analytics Report

☐ HR Compliance Report

☐ Employee Performance Report

☐ Hiring Goal Report

Save

Cancel

Search Client name

Report Settings

Test - Workforce Analytics



Client Management

Modules

Module Method

Reports

Logout

Test - Performance Management

Export Report

Employee Performance Report for Test

Top and Bottom Performers

Top Performers

Employee Completion (%)

Fenil AB 38.36%

AR CLIENT 33.33%

Bottom Performers

Employee Accomplishment

Sagar Rudani 25.81%

Sagar Rudani 16.67%

Employee Performance Ratings

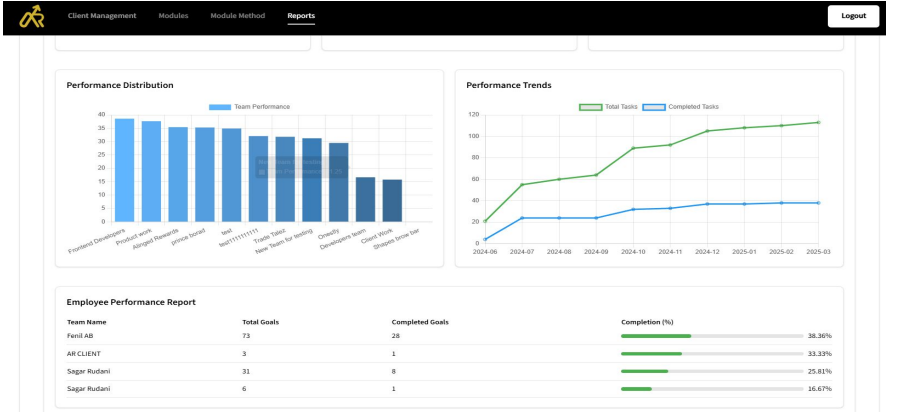
46.00%

Goal Completion %

33.68%

Average Task Completion %

28.25%



P5-Graphics Backend – Architecture & Core APIs

Overview:

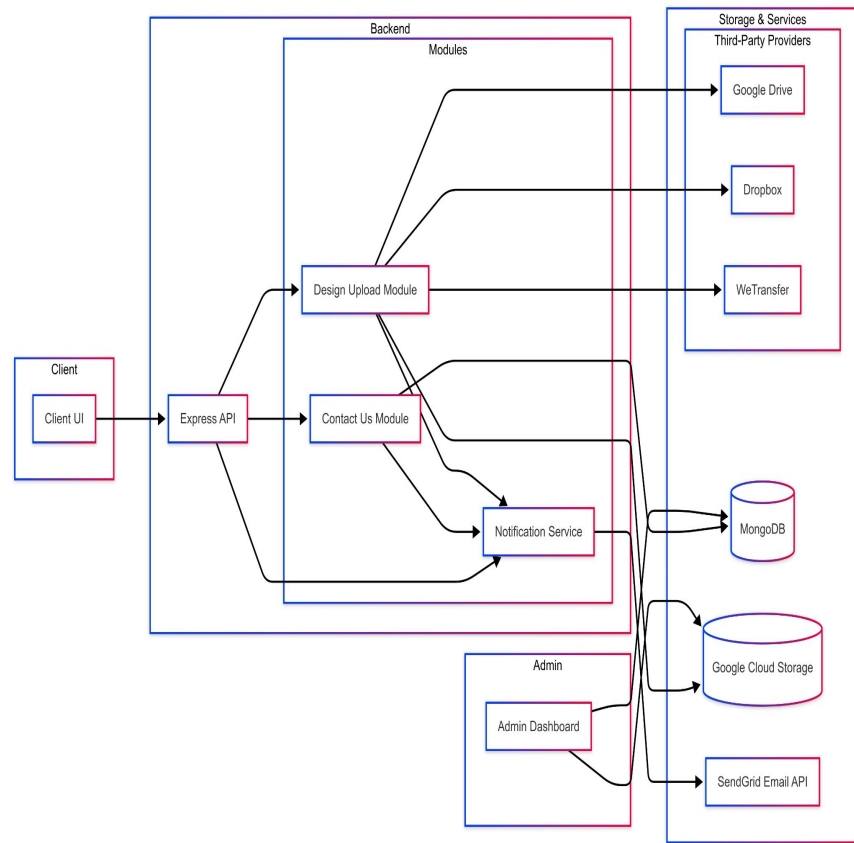
- Built a lightweight Node.js/Express backend to support client design submissions
- Ensured secure, auditable storage and review workflow for multiple third-party sources

Module 1: “Contact Us” & Admin Dashboard Notification Service

- **POST /api/contact** → captures form data (name, email, message)
- Persists entries in MongoDB, surfaced via **GET /api/admin/contacts**
- Role-based access: only admins can view or export submissions
- On successful upload/contact entry → dispatches templated email via SendGrid
- Tracks delivery status and error retries

Module 2: Design Upload & Cloud Integration

- Accepts file URLs from Google Drive, Dropbox, WeTransfer
- Proxies upload into a GCS bucket namespace per client
- Metadata stored alongside (uploader, timestamp, source)



Implementation Highlights & Results

Tech Stack & Key Libraries:

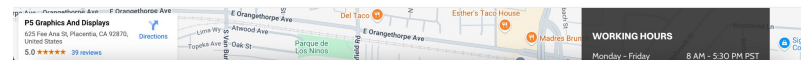
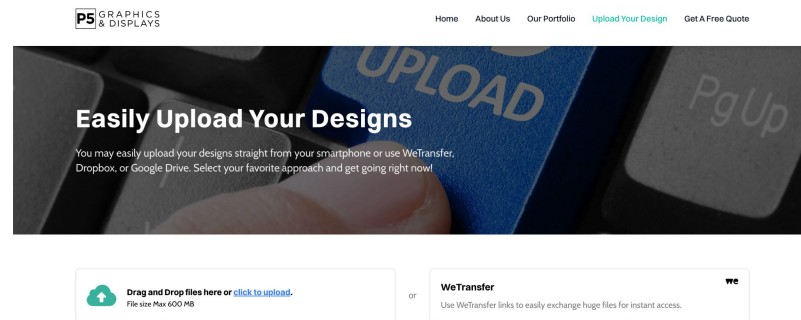
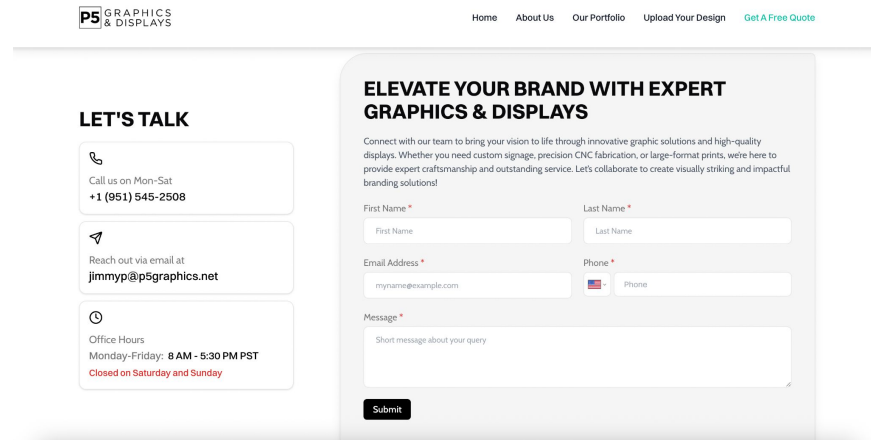
- Node.js · Express · Mongoose · @google-cloud/storage · SendGrid SDK
- OAuth2 flows for third-party providers

Challenges & Solutions:

- **Concurrent uploads:** used streaming APIs to buffer without blocking
- **Error handling:** centralized middleware to catch, log, and retry failed uploads
- **Security:** JWT-based auth for admin routes; scoped service accounts for GCS

Impact:

- Accepts file URLs from Google Drive, Dropbox, WeTransfer
- Proxies upload into a GCS bucket namespace per client
- Metadata stored alongside (uploader, timestamp, source)



THANK YOU!