

Ascent Employee Compass MVP

Transforming HR Management with a modern, scalable platform designed to streamline processes and boost productivity. This presentation covers the problem, solution, key features, technology stack, MVP status, improvements, business impact, roadmap, and conclusion.





Current HR Management Challenges

Manual Processes

- Paper-based task assignments
- Email chains for progress updates
- Spreadsheet tracking systems
- Disconnected communication tools

Time Inefficiencies

- Hours spent on status meetings
- Delayed progress reporting
- Duplicate data entry
- Manual report generation

Ascent Employee Compass Solution



Unified Platform

Streamlines HR management by integrating tasks, user roles, courses, and notifications.



Key Value Propositions

Improves efficiency, engagement, and communication across HR processes.



Core Features Overview

✓ Department-specific courses

Task Management

- Create and assign tasks
- Progress tracking with documentation
- Deadline and status management
- Manage employees very easily & digitally

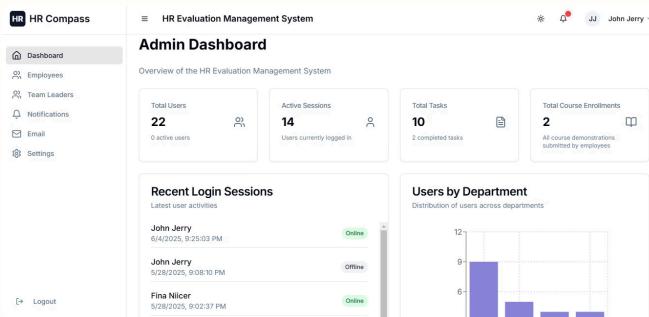
User & Course Management

- Role-based access control
- Employee profiles and department organization
- Department-specific courses

Notifications & Reports

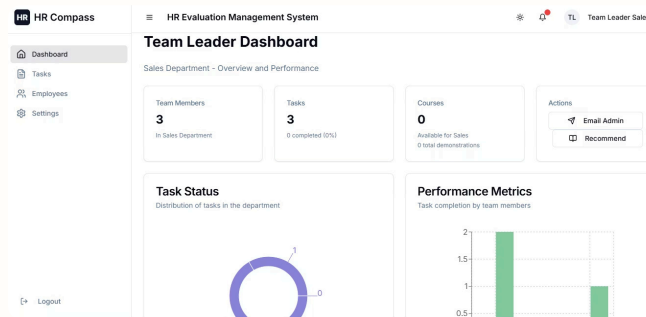
- Real-time notifications
- PDF export functionality

Role-Based Dashboard Experience



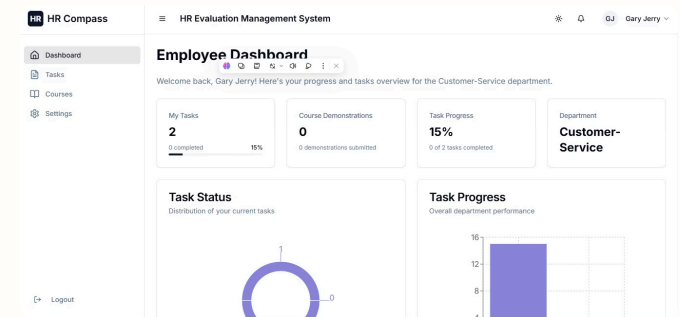
Admin Dashboard

- Manage employees and their login sessions and promote team leaders
- System notifications and email management
- Export reports (PDF)



Team Leader Dashboard

- Create and assign tasks
- Track team progress and manage members
- Department analytics and report export



Employee Dashboard

- View assigned tasks and update progress
- Access courses and track personal goals
- Receive notifications

Technology Stack

Frontend Technologies

- React 18 UI Framework
- TypeScript for type safety
- Tailwind CSS styling
- Shadcn/UI components
- React Router navigation
- Recharts for data visualization

Backend Technologies

- Python Flask API framework
- MySQL database
- JWT authentication
- FPDF PDF generation
- EmailJS email integration
- REST API communication

Current MVP Implementation Status



Completed Features

- Authentication System 100%
- Role-based Dashboards 100%
- Task Management 100%
- User Management 100%
- Course System 100%
- Notifications 100%
- PDF Export and Email Integration 100%



Current Limitations

- Limited advanced analytics
- Basic course video player
- Limited email functionality
- No mobile app
- Limited external integrations

Areas for Improvement & Enhancement

1

High Priority

- Advanced Analytics: Real-time KPI tracking
- Push Notifications: Browser and mobile
- Advanced Search: Global task/user search
- Mobile App: Native iOS/Android apps

2

Medium Priority

- Workflow Automation: Auto-task assignments
- Enhanced Video Player: Interactive features
- Integration APIs: Slack, Teams, Google
- Advanced Reporting: Custom report builder

3

Future Enhancements

Technical improvements and enterprise integrations to scale the platform.

Business Impact & ROI

75%

Admin Time Saved

+40%

Task Completion Increase

10x

Reporting Speed Improvement

+60%

Employee Engagement Boost

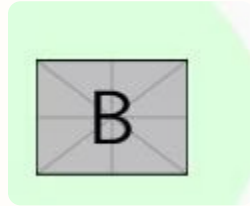
Total cost savings of \$85K per year from manual processing, meeting optimization, and paper reduction.

Meet the Ascent Team



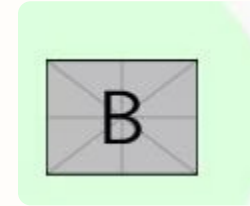
Team Member 1

Lead Developer driving the technical vision and implementation.



Team Member 2

Product Manager overseeing feature prioritization and user experience.



Team Member 3

UX Designer crafting intuitive interfaces and workflows.