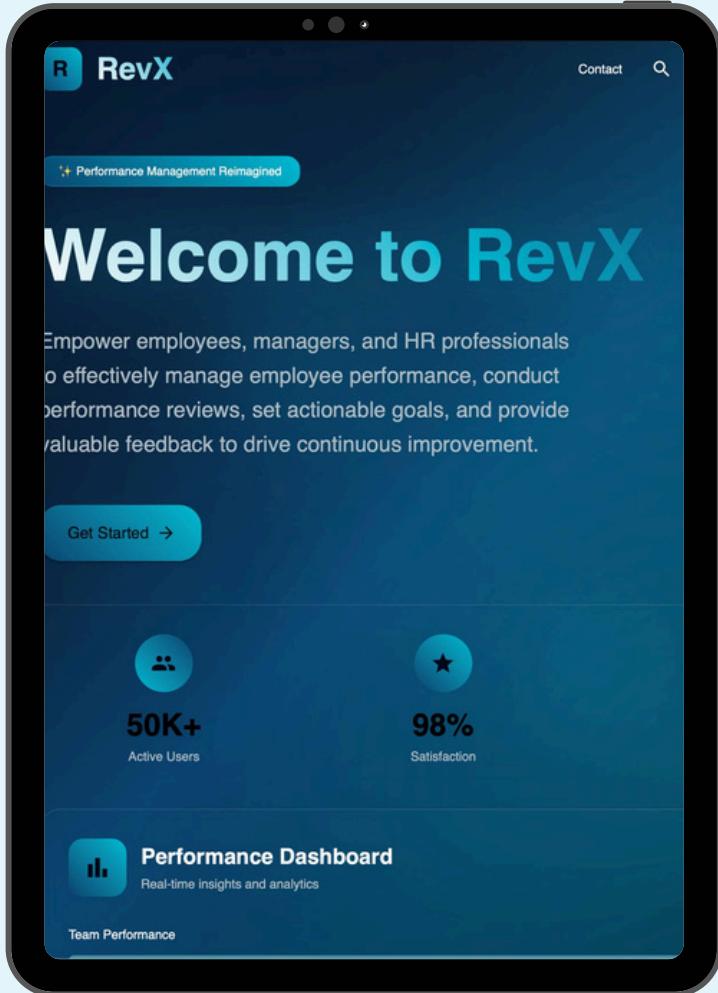
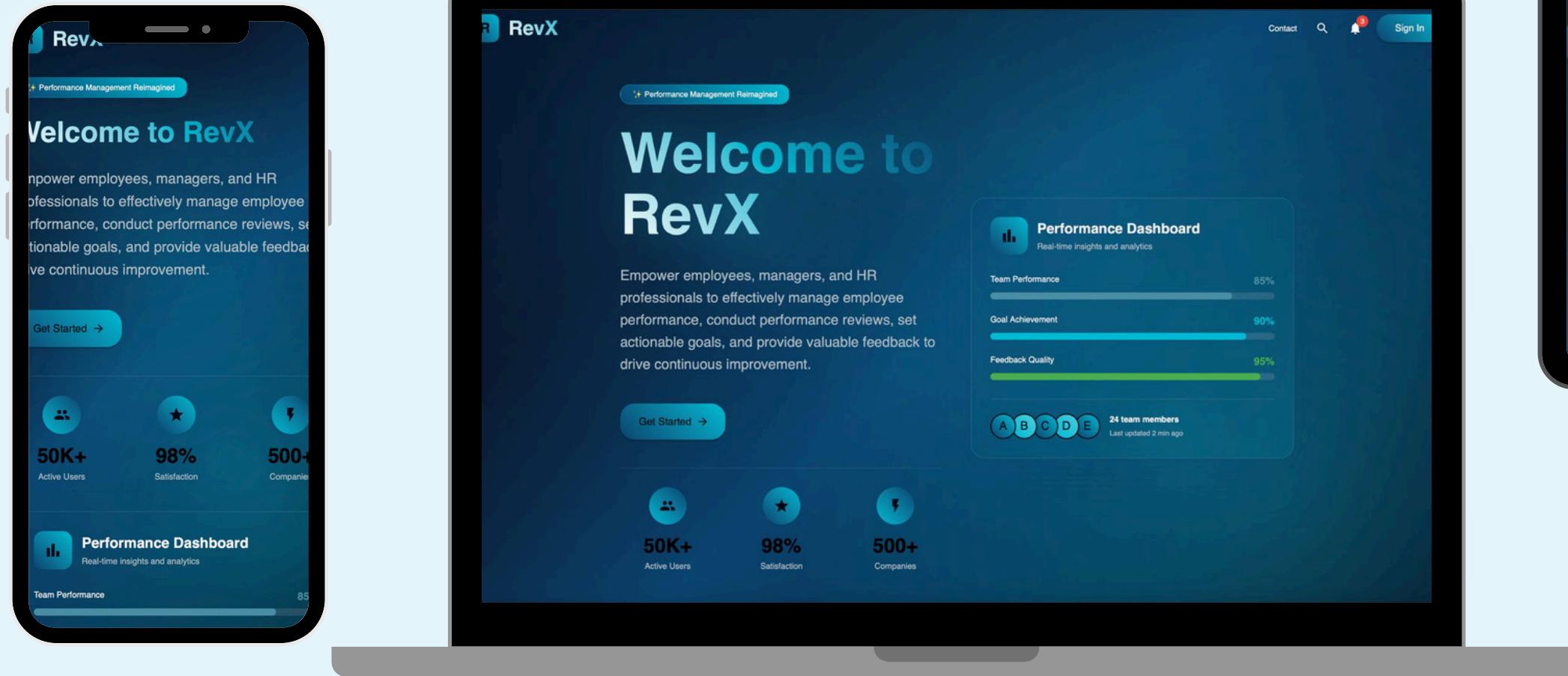




CodeNex - IT

Employee Performance Review System

Enhancing Growth, Accountability, and Engagement





Project

Employee Performance Management and Review System (RevX)

Client

Bistec Global Services

Mentor

Ms. Nimni Senarathna

Supervisor

Ms. M N Chandimali



 Content

-  **Introduction**
-  **Scope**
-  **System Architecture Overview**
-  **Key Features**
-  **User Roles & Permissions**
-  **Goal & Task Management**
-  **Performance Review Workflow**
-  **Dashboards & Analytics**
-  **Security & Data Privacy**
-  **Benefits & Impact**
-  **Market Comparison & Impact**
-  **Future Enhancements**

Our Team



Thilshath



Faskath



Muadh

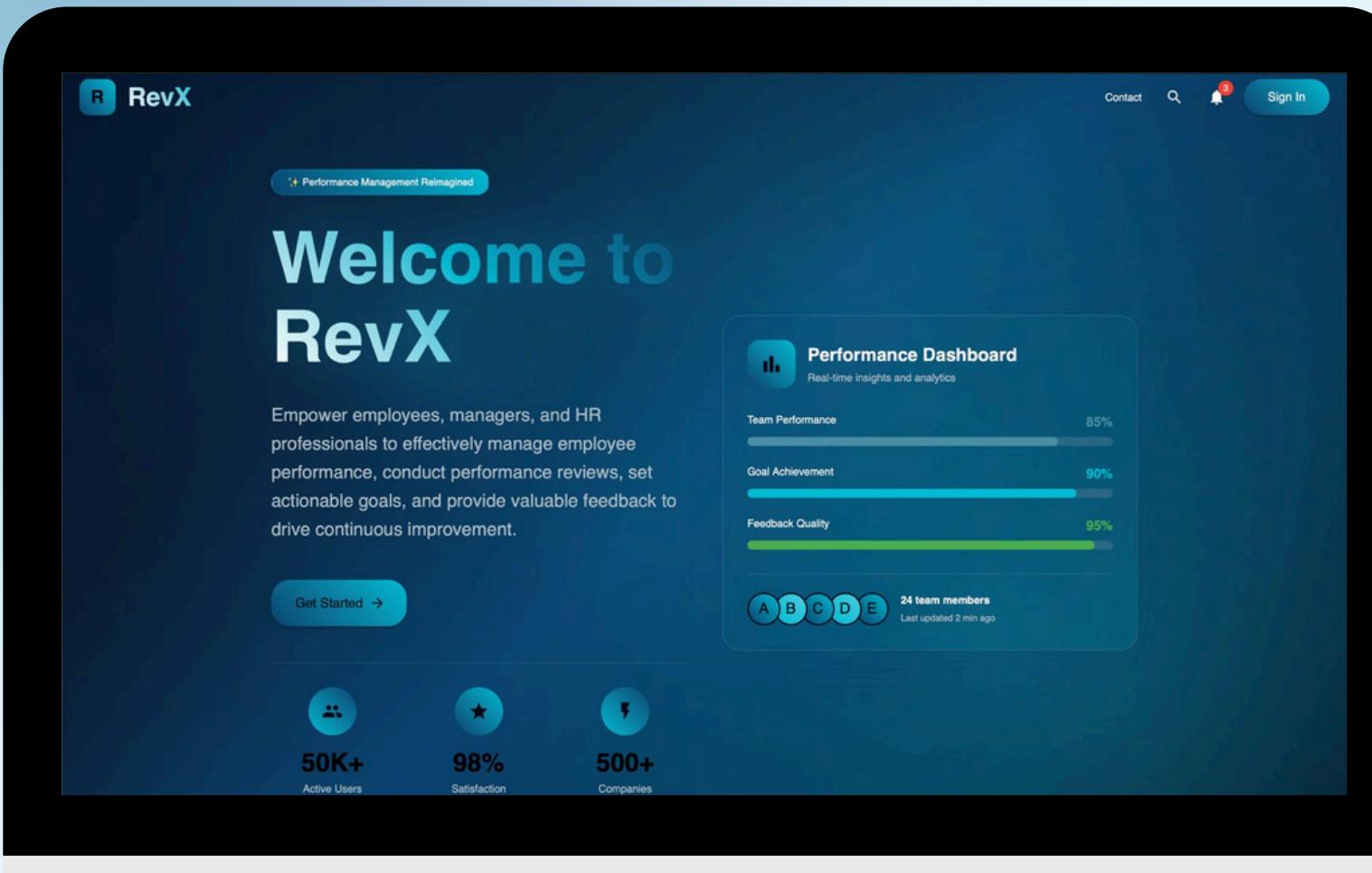


Fadhil



Rassahi

Introduction



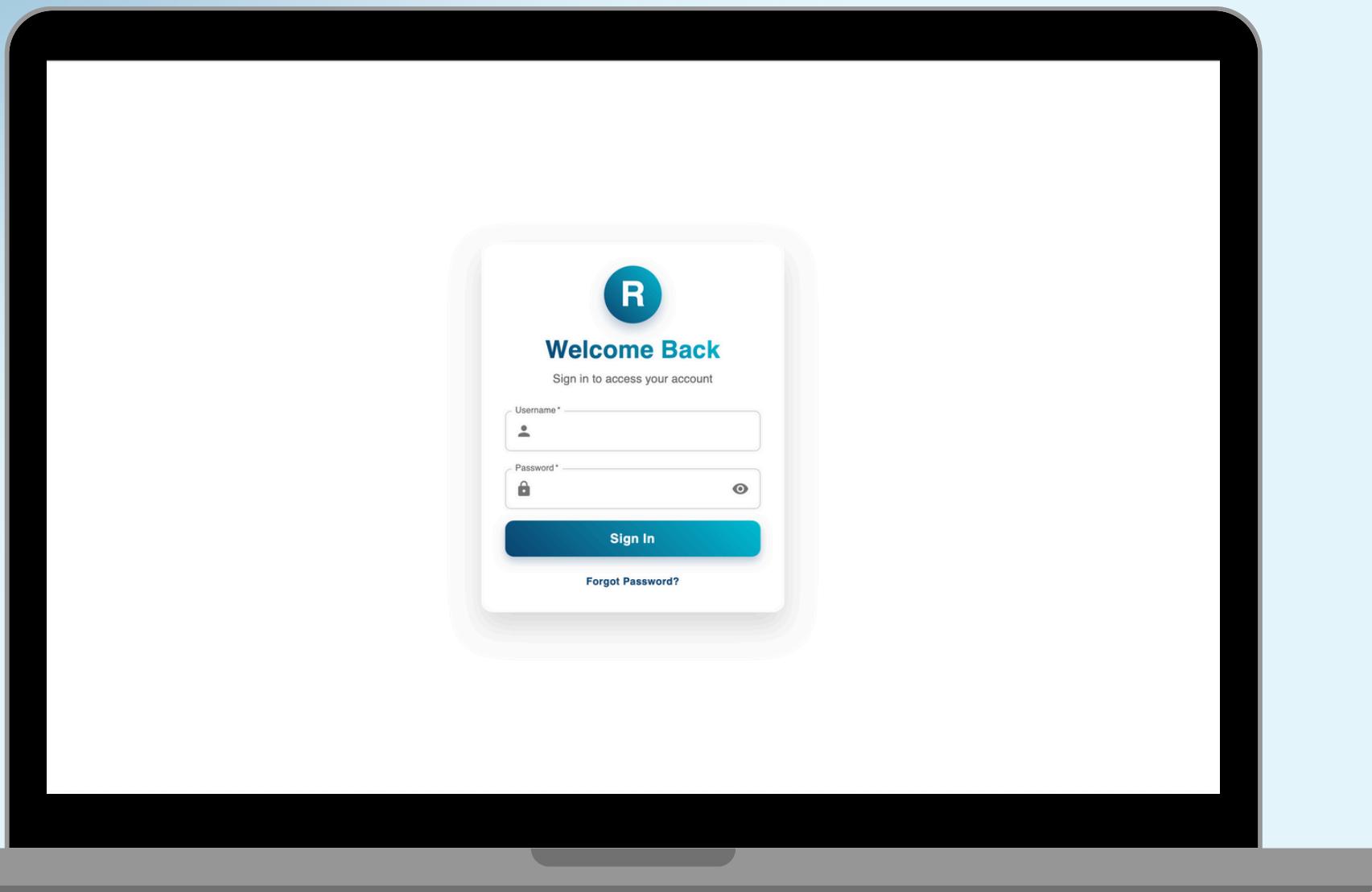
The primary goal of the Employee Performance Management and Review System is to streamline the performance review process for organizations. This is achieved by providing a centralized platform that simplifies goal-setting, feedback collection, performance tracking, and data-driven decision-making. The system ensures an organized, efficient, and transparent approach to employee performance management.

Scope

- Authentication with Role-Based Access Control
- Goal setting and progress tracking
- Feedback and self-assessment modules
- Review cycle creation for goals and tasks
- Visual dashboards and analytics



Authentication with Role-Based Access Control



Secure access control for HR, Manager, and Employee roles using NextAuth.js and JWT-based authentication.

Forget Password

- Allow users to securely reset their password
- Automate email delivery of password reset instructions
- Improve user experience and security during password recovery
- Prevent unauthorized access and password sharing

Set New Password

Enter the reset token and your new password

Reset Token 

New Password 

Password must be at least 8 characters

Cancel Reset Password

Request Password Reset

Enter your email to receive a password reset link

Email Address 

Cancel Send Reset Link



User Management – HR Control Panel

The screenshot shows a user management interface titled "User Management". The main heading is "User Management" with the subtitle "Manage your organization's users and their roles". Below this is a "Users Overview" section showing "Total Users: 15". A green button labeled "Add New User" is visible. The main content is a table with columns: "USER INFO", "CONTACT", "ROLE", "DEPARTMENT", and "ACTIONS". The table lists five users:

USER INFO	CONTACT	ROLE	DEPARTMENT	ACTIONS
Mohamed Faskath ID: e1650d43	faskath9054@gmail.com	HR	All Departments	edit delete
Thilsath SMTHR ID: 48dedc5d	thilsathhr@gmail.com	HR	All Departments	edit delete
MuadhHR ID: 48dedc68	muadhhhr@gmail.com	HR	All Departments	edit delete
Rassahi HR ID: 48dedc75	rassahihr@gmail.com	EMPLOYEE	DevOps	edit delete
Fadhil manager ID: 48dedc7d	fadhilmanager@gmail.com	MANAGER	Data Science	edit delete

At the bottom, there are pagination controls: "Rows per page: 5" and "1-5 of 15".

HR Admin is responsible for creating and managing user account



USER MANAGEMENT(CRUD)

Manage your organization's users and their roles

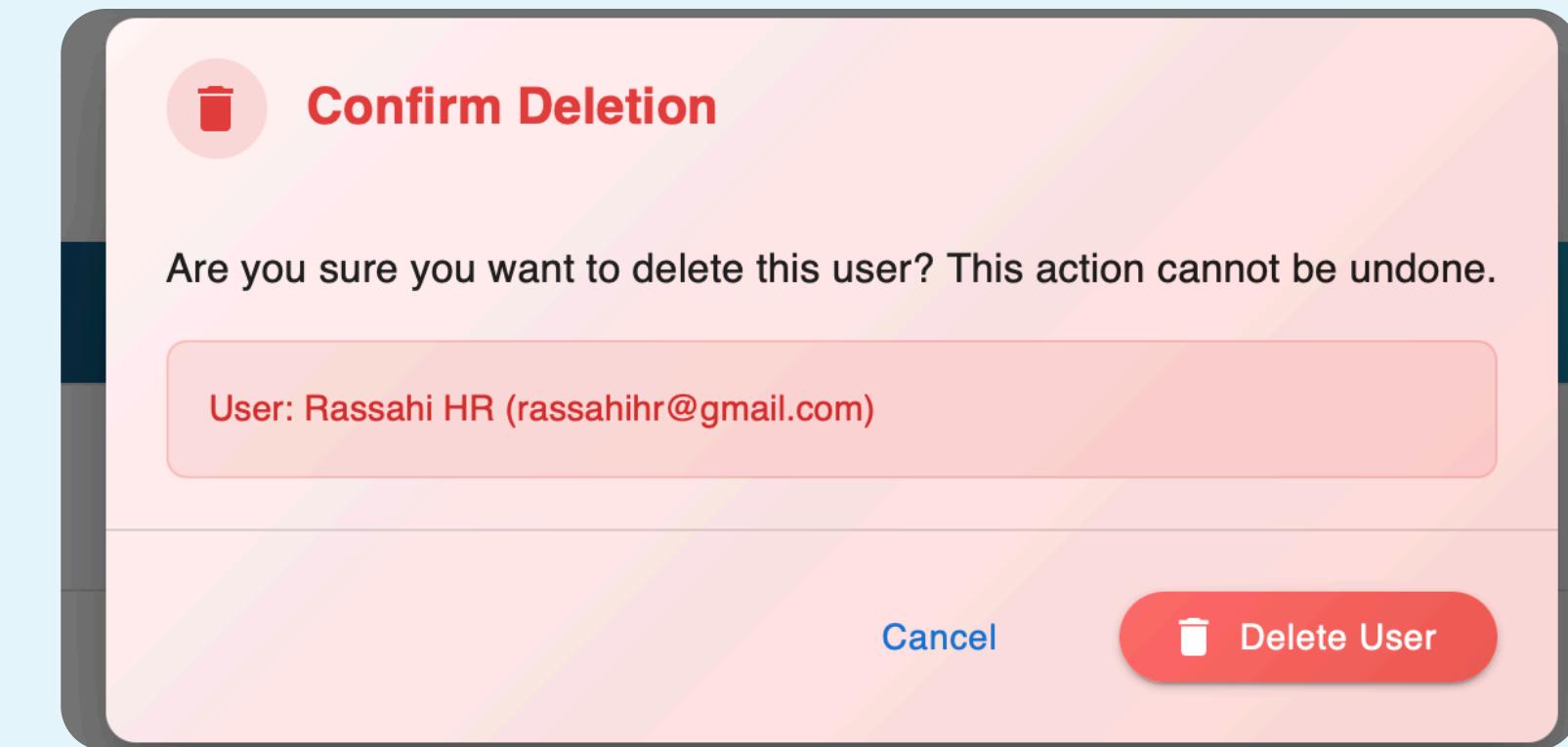
Create New User

Username*

Email*

Password*

Role*



Update User

Username* Mohamed Faskath

Email* faskath9054@gmail.com

Role*

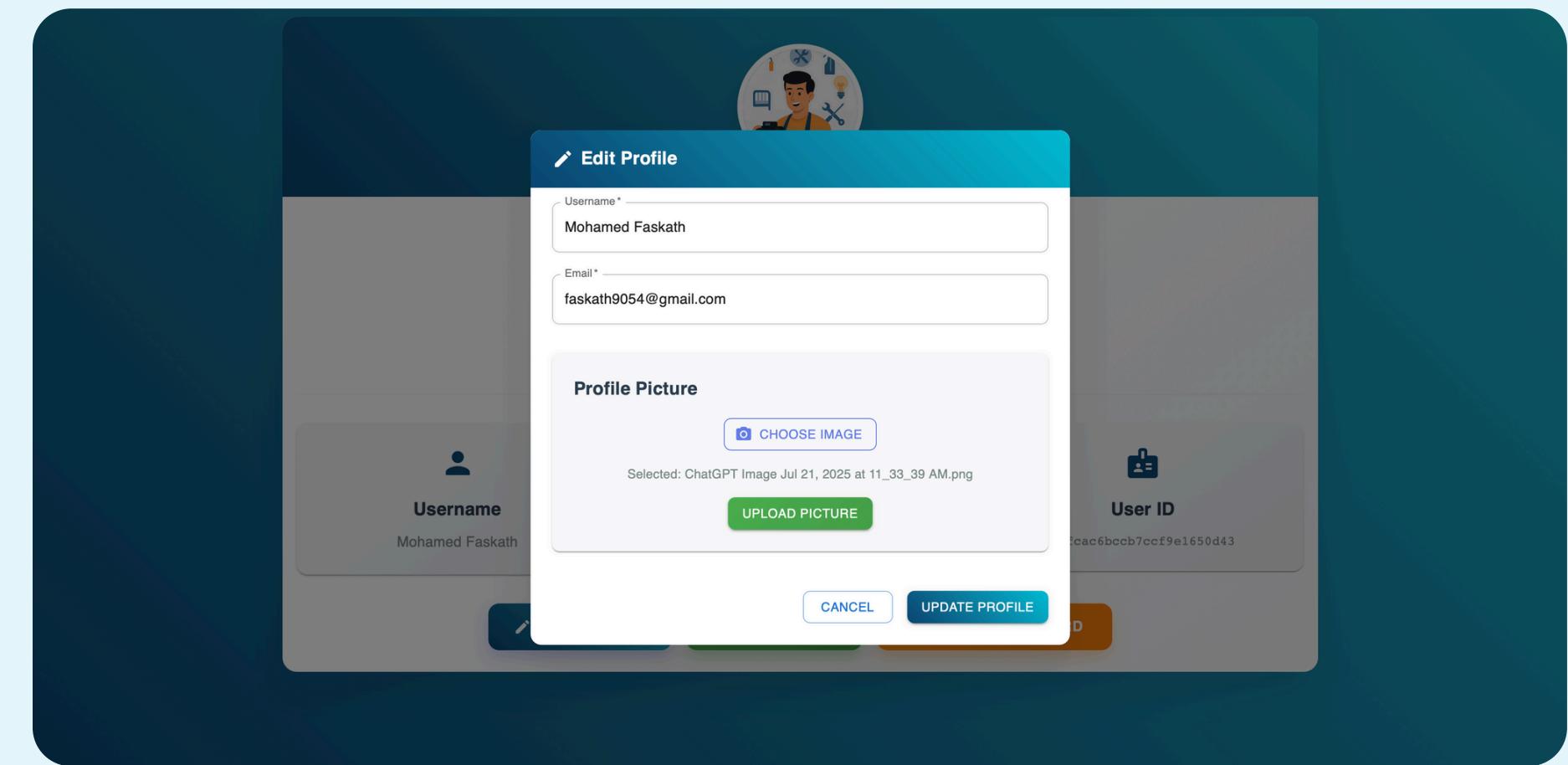
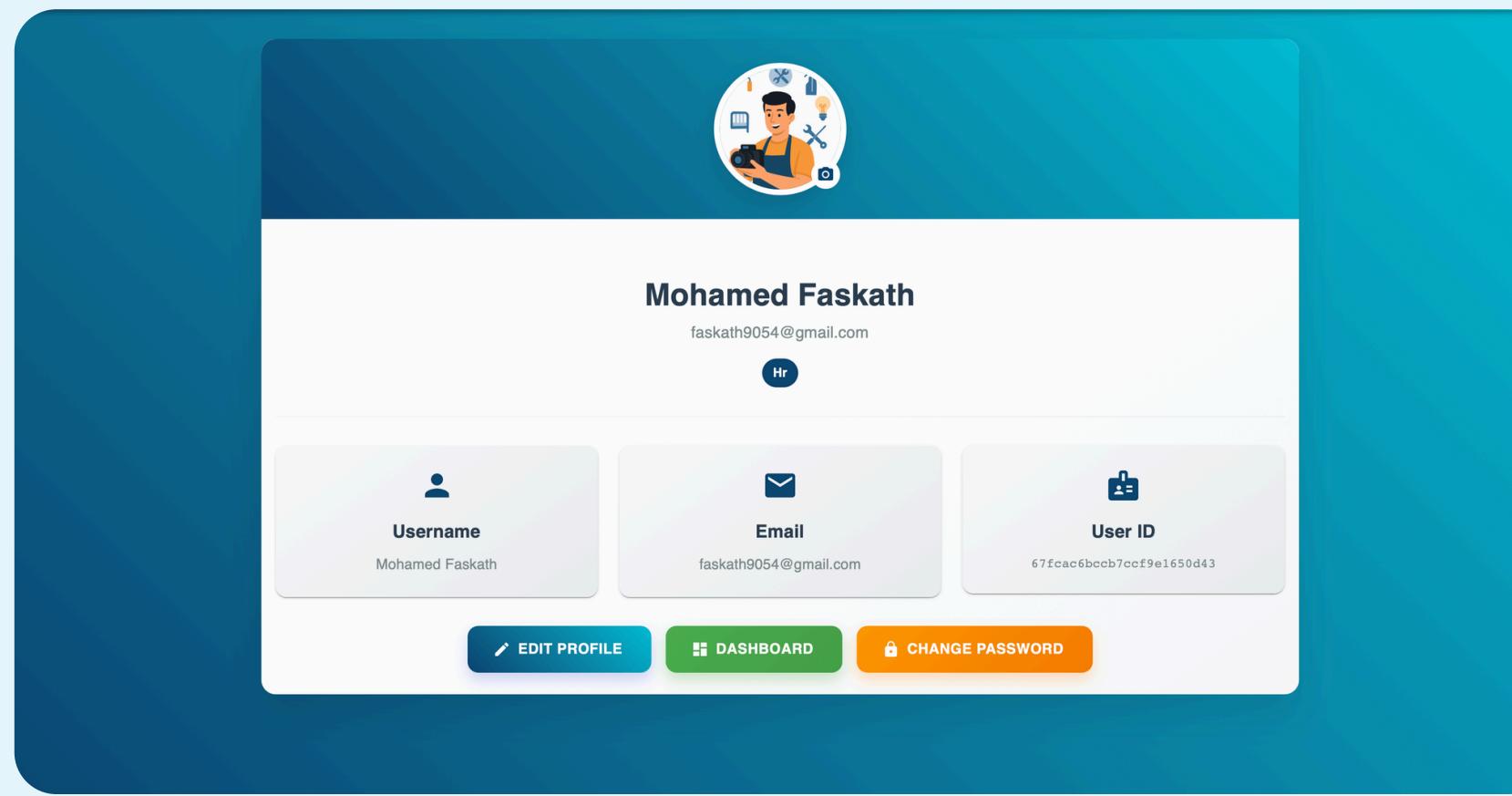
Leave blank to keep current password

Users Overview
Total Users: 15

USER INFO	CONTACT	ROLE	DEPARTMENT	ACTIONS
M Mohamed Faskath ID: e1650d43	faskath9054@gmail.com	HR	All Departments	
T Thilsath SMTHR ID: 48dedc5d	thilsathhr@gmail.com	HR	All Departments	
M MuadhHR ID: 48dedc68	muadhr@gmail.com	HR	All Departments	
R Rassahi HR ID: 48dedc75	rassahihr@gmail.com	EMPLOYEE	DevOps	
F Fadhil manager ID: 48dedc7d	fadhilmanager@gmail.com	MANAGER	Data Science	

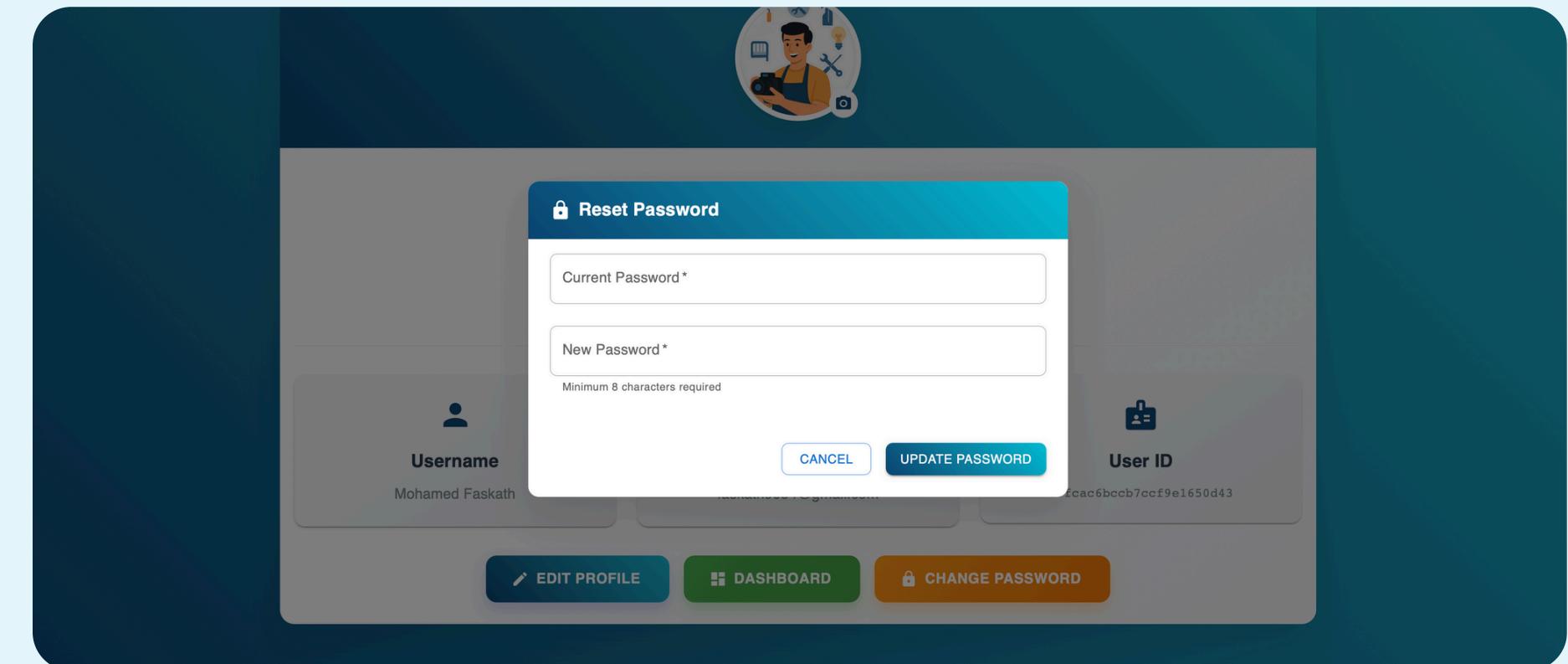
Rows per page: 5 ▾ 10 20 50 1–5 of 15 < >

PROFILE SETTING



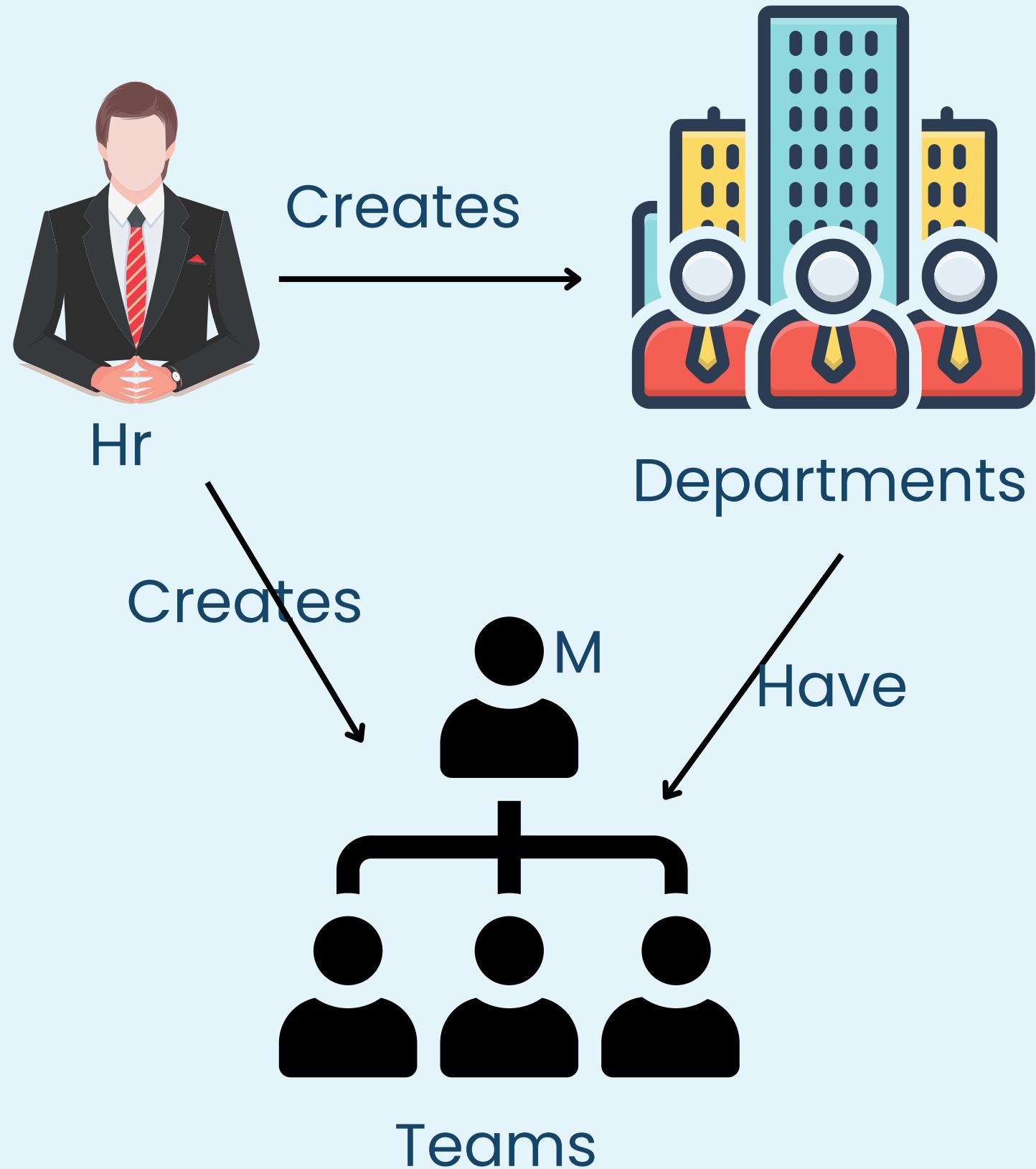
Key Features

- upload a new profile picture
- Reset Password using Valid Username and Email



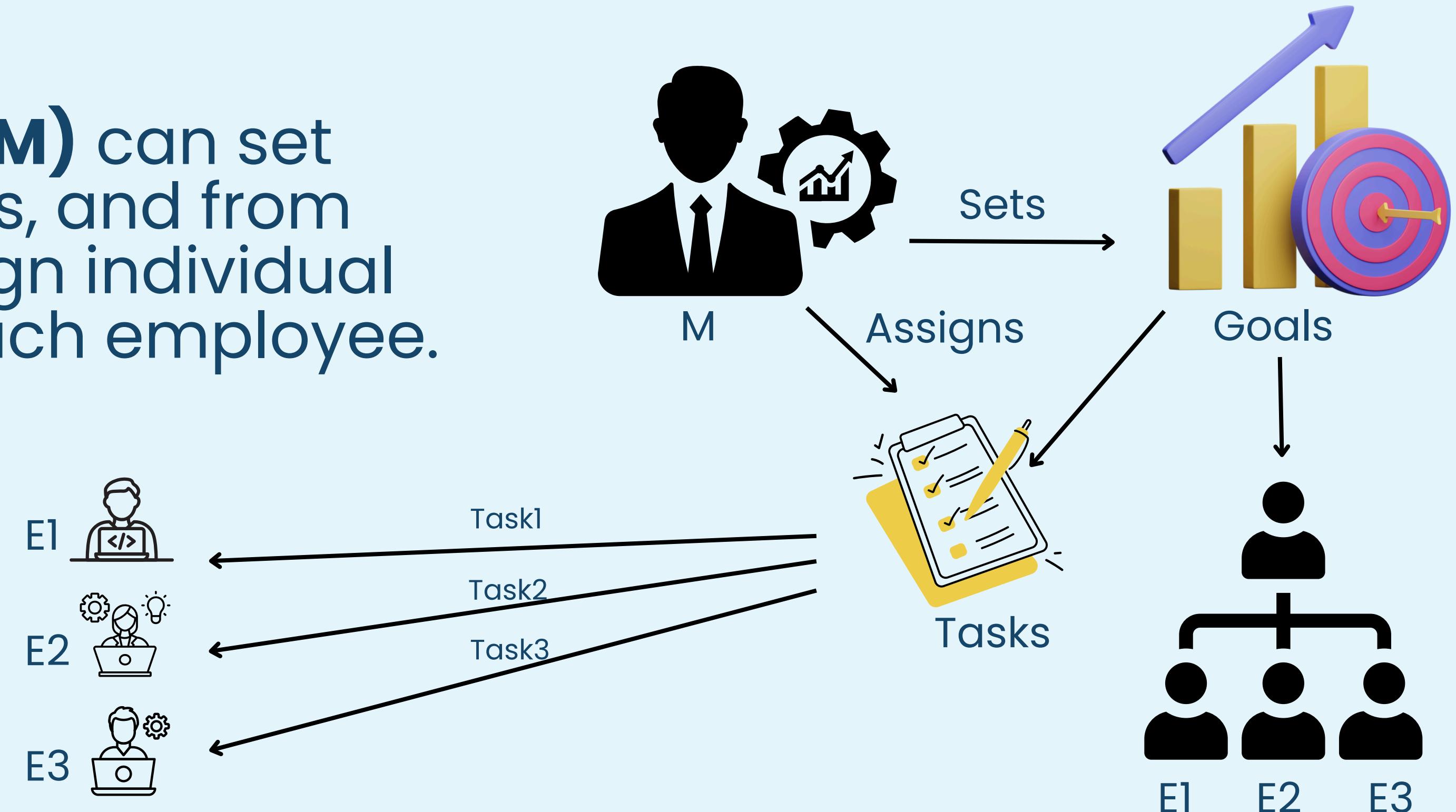
Department & Teams

- HR creates departments and assigns a manager(M) to each.
- Under each department, HR can create multiple teams.
- Employees are assigned to relevant teams based on their designation and experience.

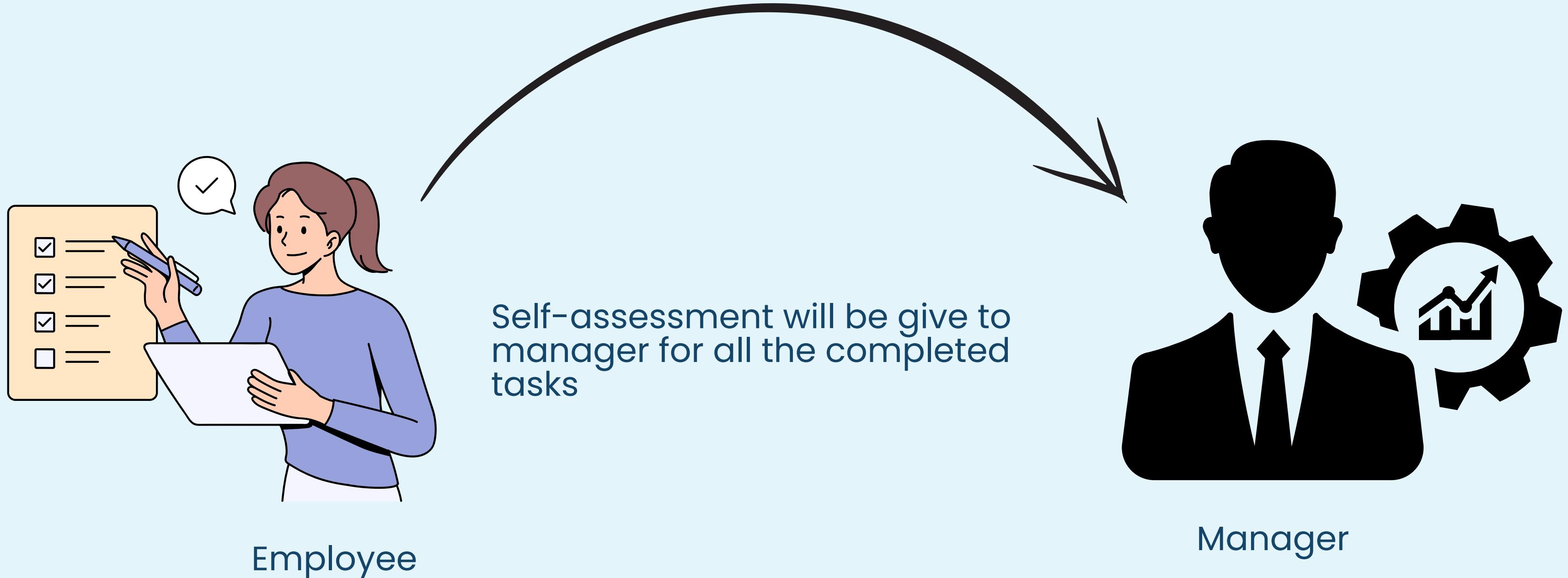


Goal And Tasks

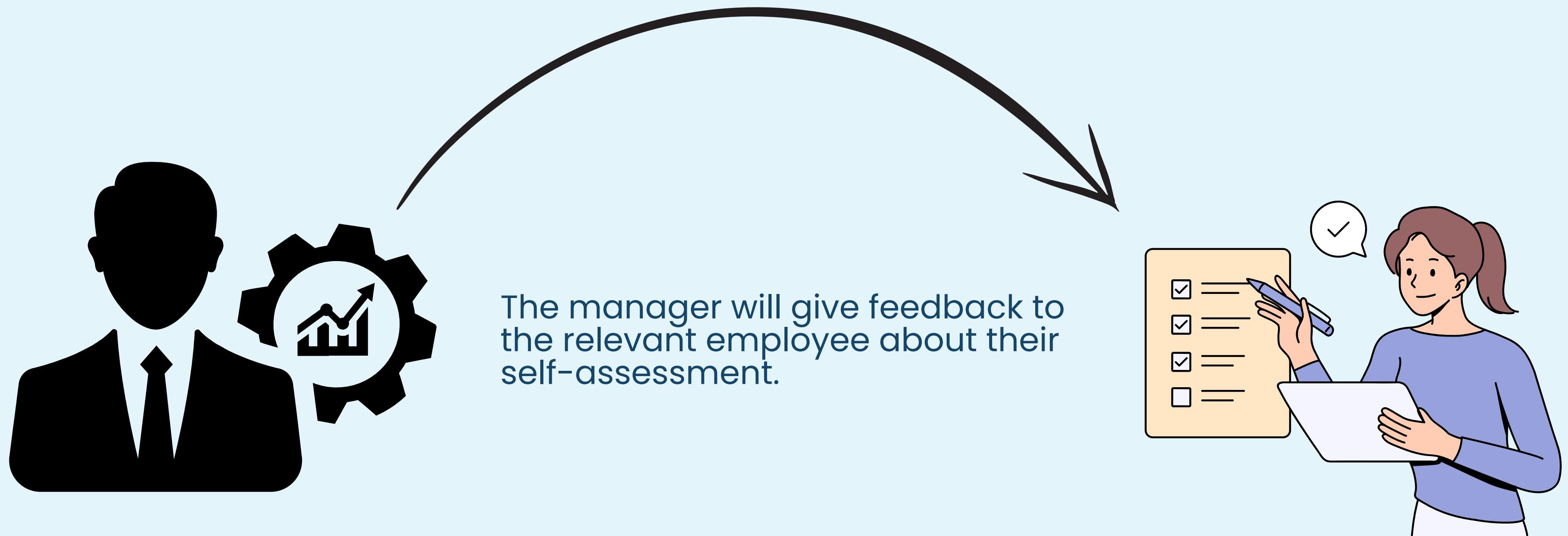
Manager(M) can set team goals, and from there, assign individual tasks to each employee.



Self Assessment

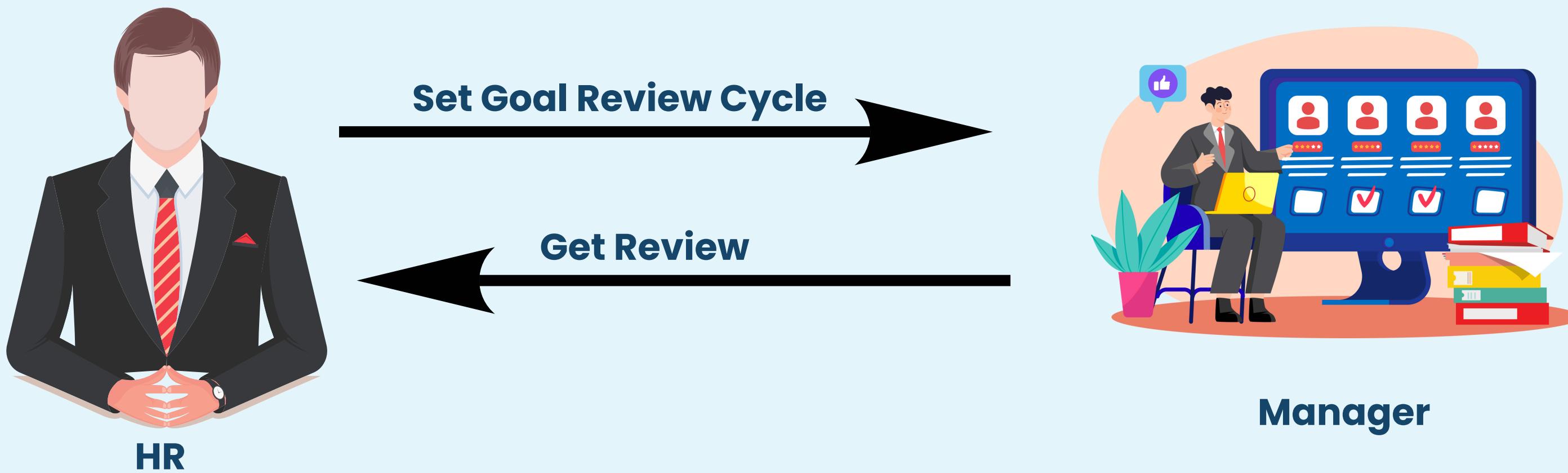


Feedback



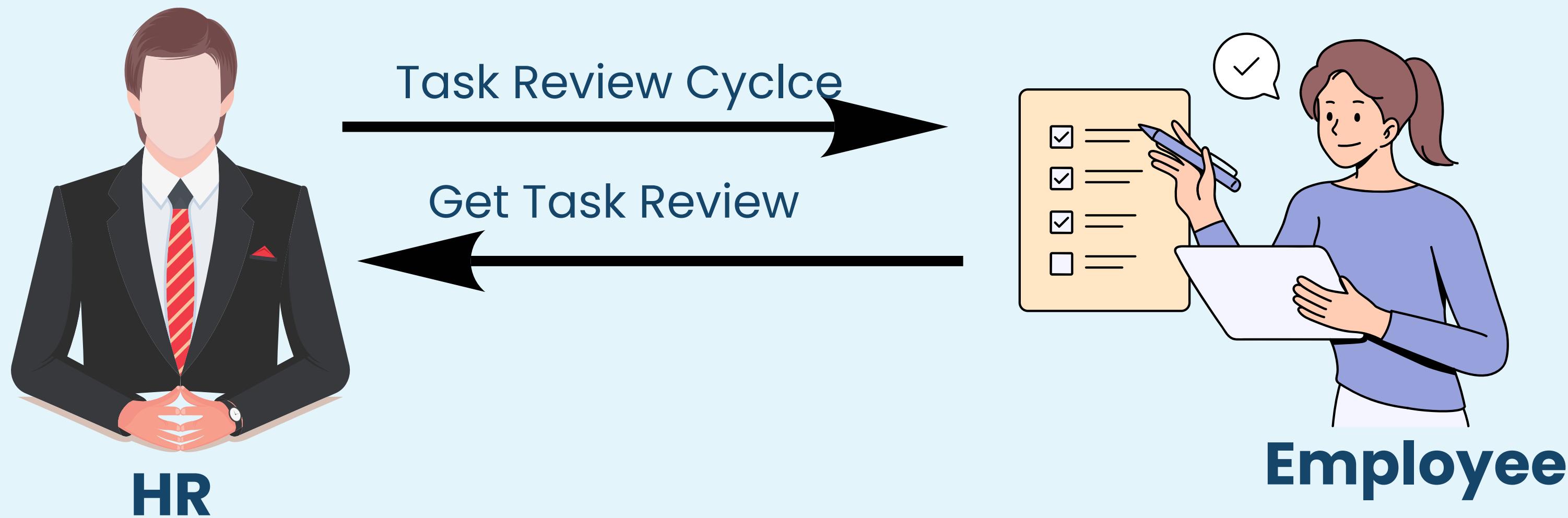
Review Cycle (For Goal)

Initiated by HR for managers to evaluate team performance towards organizational goals

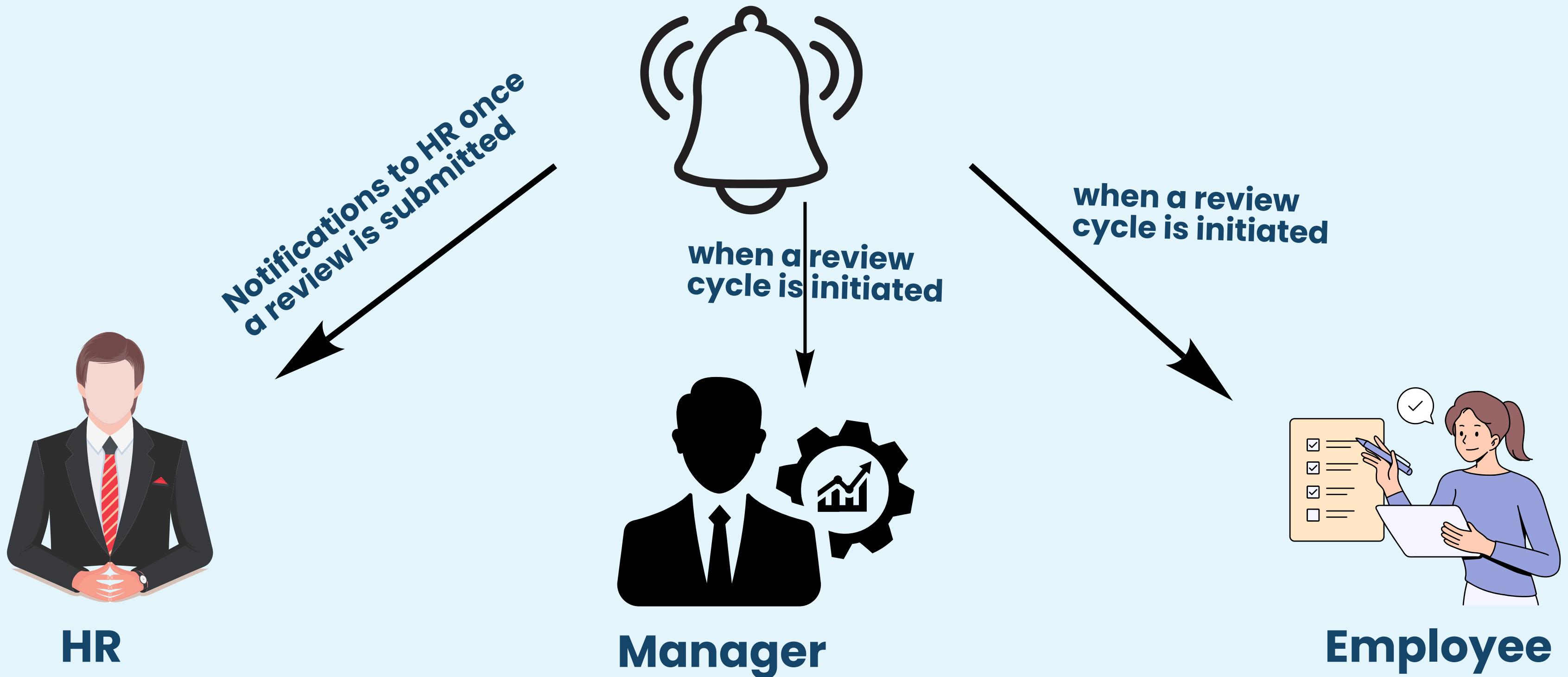


Review Cycle (For Task)

Initiated by HR for employees, focusing on individual task performance



Notifications



HR Dashboard

RevX

HR Panel

- Dashboard**
- Department
- Team
- User Management
- Goal Review
- Task Review
- Reports
- Settings

Welcome back, Rassahi Haneef!

HR Dashboard



Total Goals
11 Active projects

Total Tasks
20 All assignments

Active Managers
2 Managing projects

Completion Rate
9% Overall progress

Manager Goal Progress Rates

100%
75%
50%
25%

Task Distribution

75%
20%

RevX

HR Panel

- Dashboard**
- Department
- Team
- User Management
- Goal Review
- Task Review
- Reports
- Settings

Goals Overview
11 of 11

Project	Manager	Status	Due Date
ACDGJYH t3	man1	Scheduled	24/07/2025
adhcha t5	man1	Scheduled	30/07/2025
yhtgherg cybersecurity	manager	In-progress	26/07/2025
hjggju cybersecurity	manager	Scheduled	28/07/2025
hgfhifik cybersecurity	manager	Scheduled	31/07/2025
hgkfiyukg cybersecurity	manager	Completed	25/07/2025
hjggju cybersecurity	manager	Scheduled	26/07/2025

Tasks Overview
20 of 20

Task	Employee	Status	Priority
bedewed edewe	manager	Scheduled	medium
jn, yhtgherg	employee	In-progress	low
jn,jknlk hgkfiyukg	employee	Completed	medium
ygtu hjggju	emp5	Scheduled	medium
gyug hjggju	employee	Completed	high
eauy hgfhifik	employee	Completed	medium
deas hjggju	employee	Completed	medium

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Manger Dashboard

Manager Dashboard
Real-time insights and analytics

Welcome back, manager! Online

Total Goals: 6 +12% Active project goals

Total Tasks: 19 +8% All task assignments

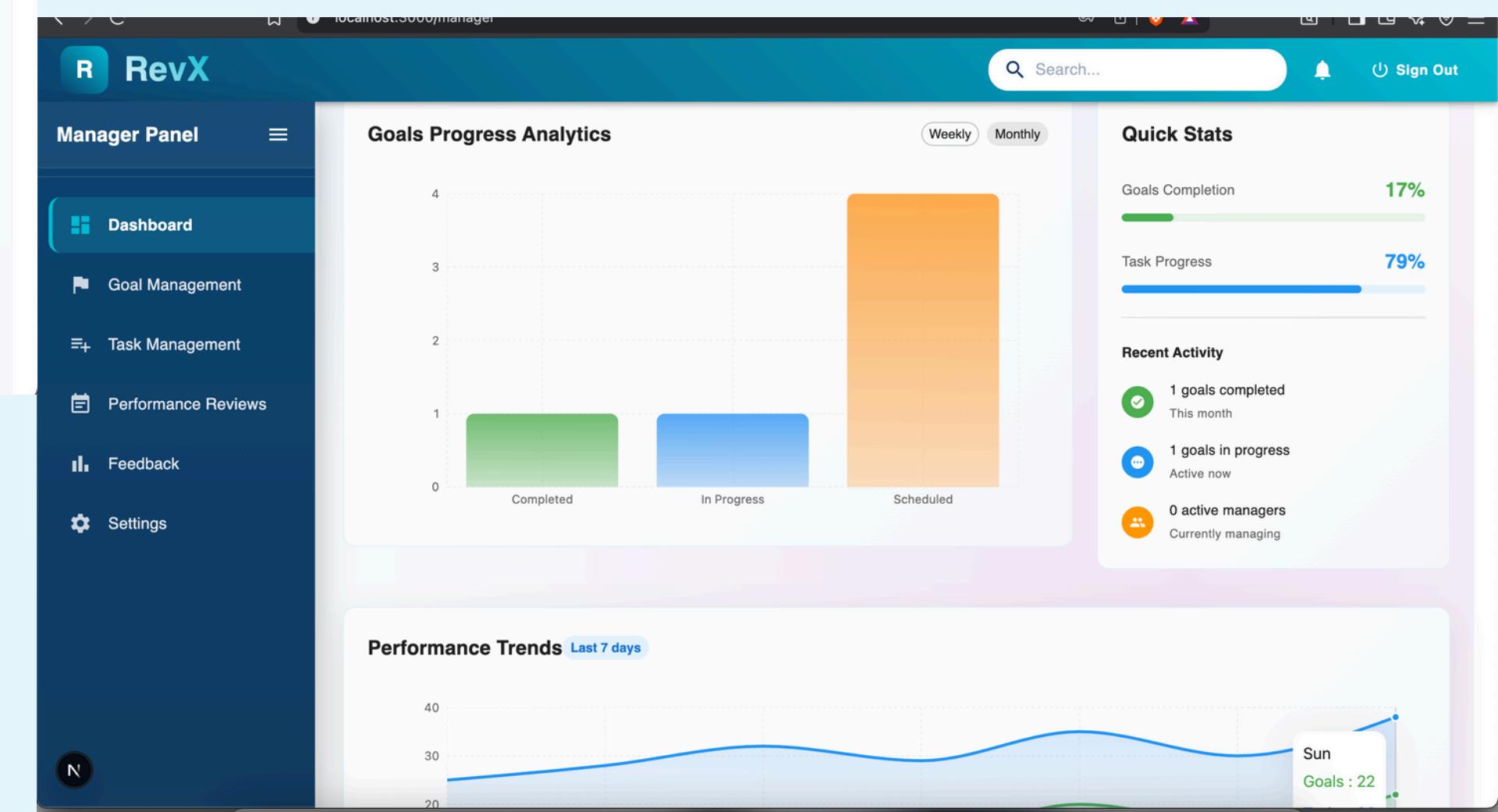
Active Managers: 0 +3% Managing projects

Completion Rate: 17% +5% Overall progress

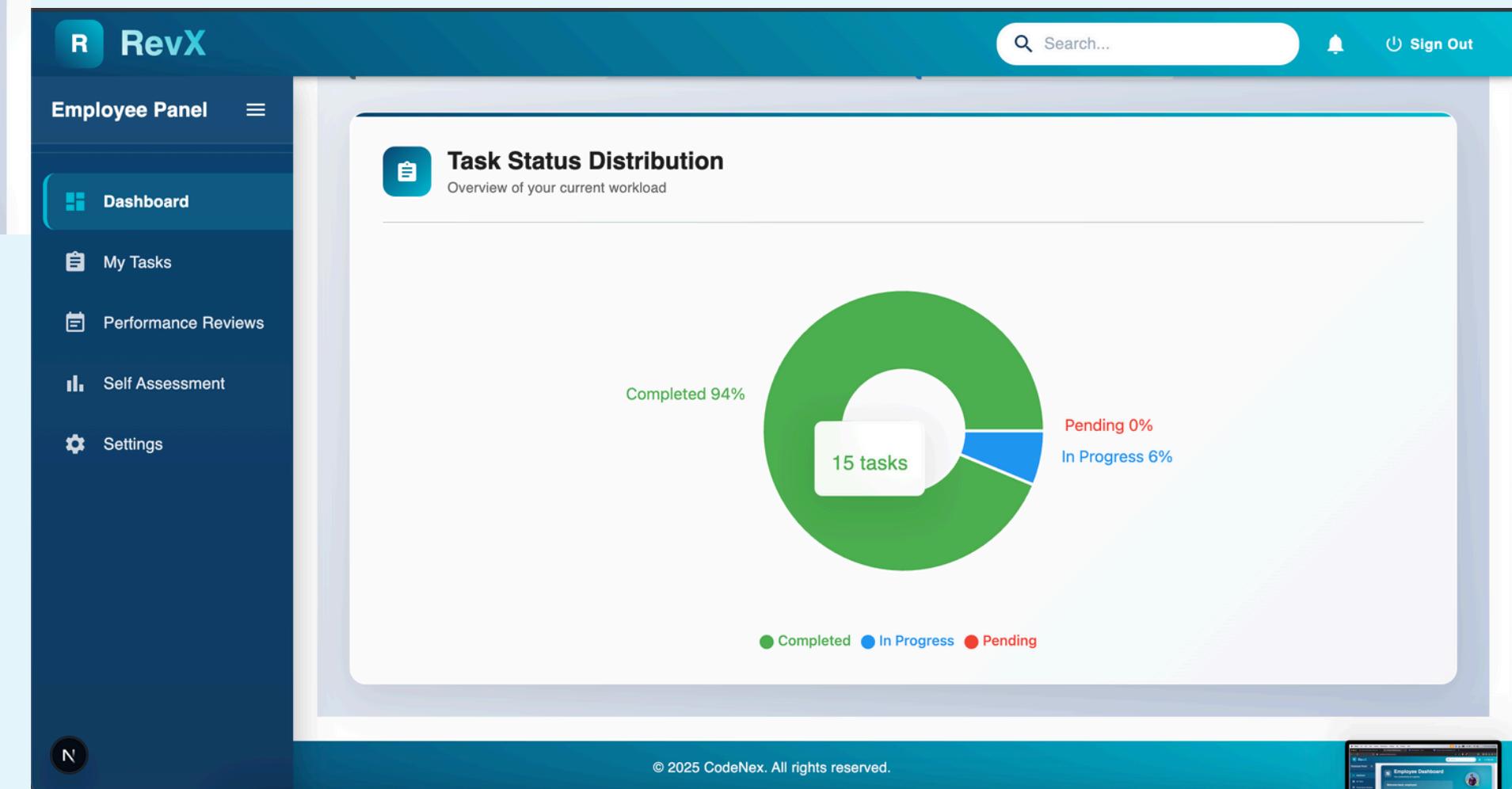
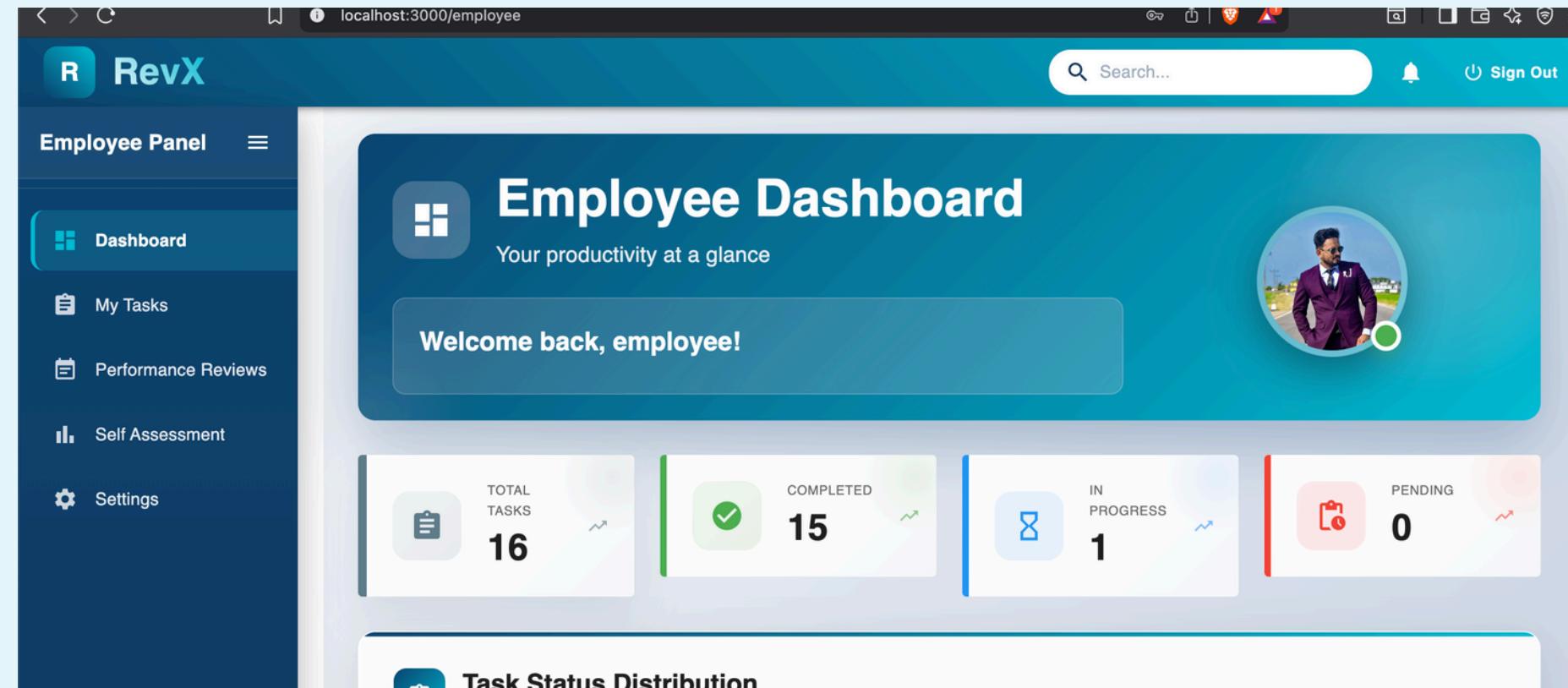
Goal Progress Overview:

Status	Count
Completed	1
In Progress	1
Scheduled	4

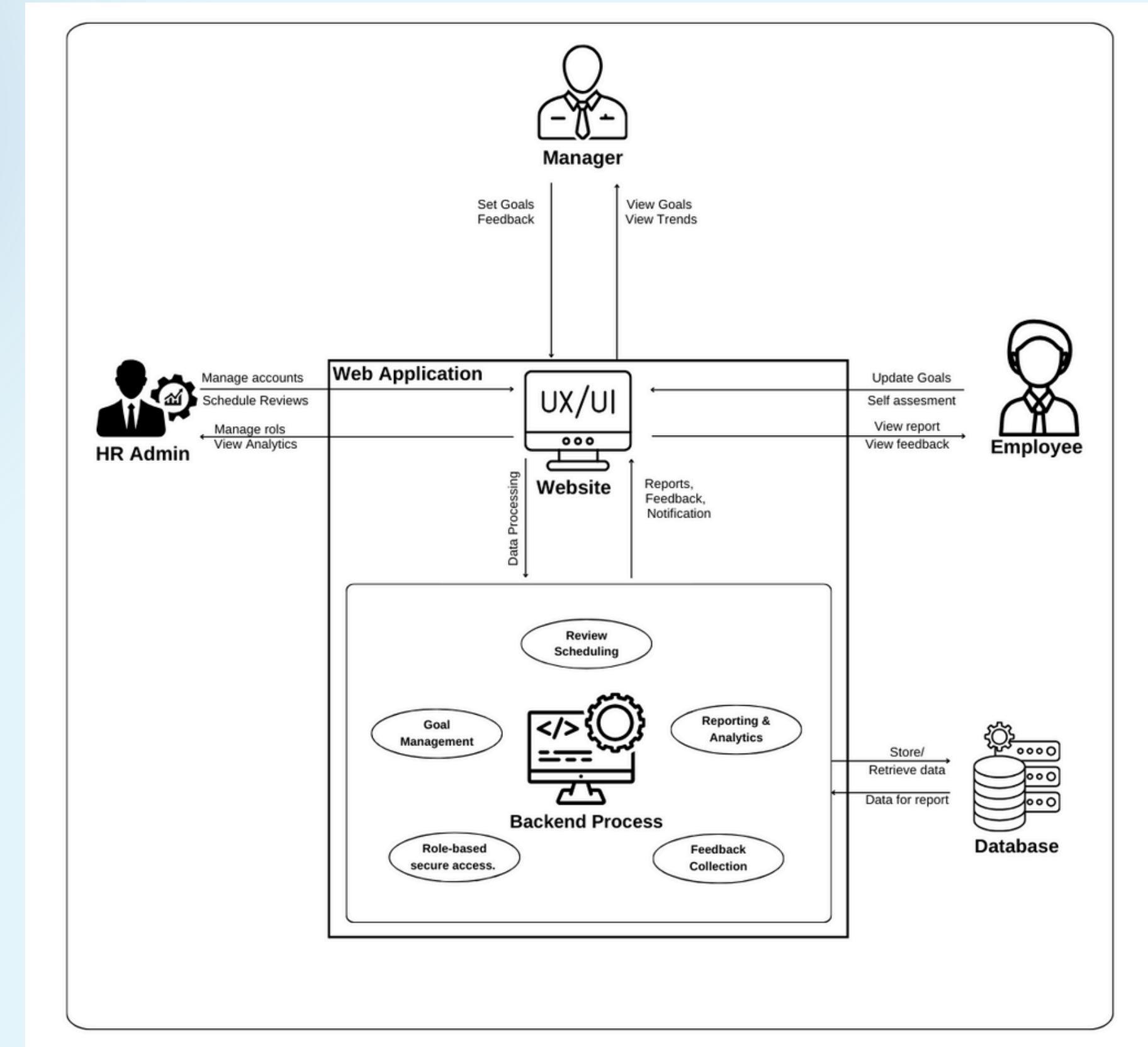
Task Distribution:



Employee Dashboard

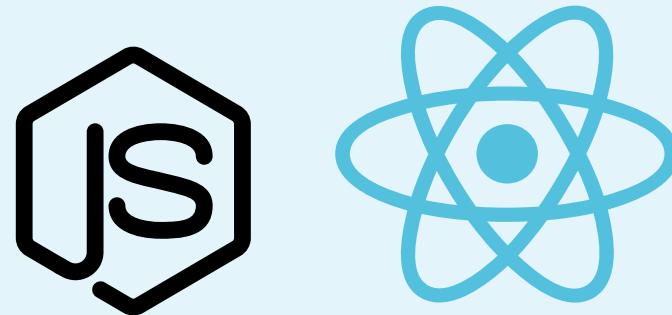


System Architecture Overview

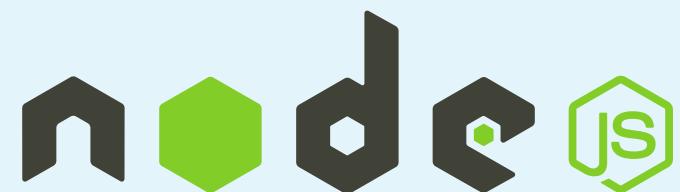


Software Tools

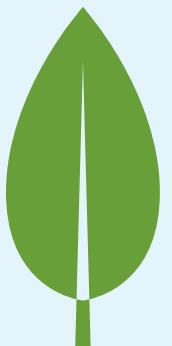
Frontend



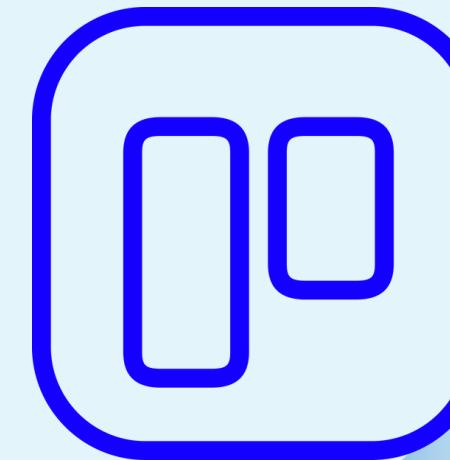
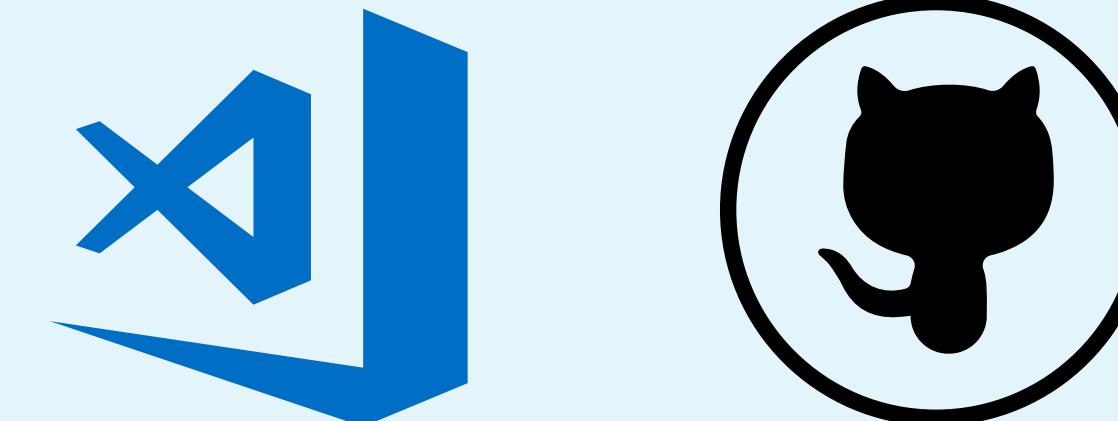
Backend



Database



Project tools



Market Comparison & Impact

Compared to existing solutions like BambooHR, Lattice, or Keka, RevX stands out as:

- Lightweight and customizable for small to medium businesses
- Designed with a local context and flexible review structures
- More cost-effective and easier to maintain by internal IT teams

RevX demonstrates how a student-driven project can produce an industry-ready, real-world solution.



Future Enhancements

- **Advanced Chatbot Integration**

Enhance the chatbot to support voice input and natural language understanding for smoother assistance.

- **Real-Time Messaging System**

Improve the messaging feature with real-time chat, typing indicators, and read receipts.

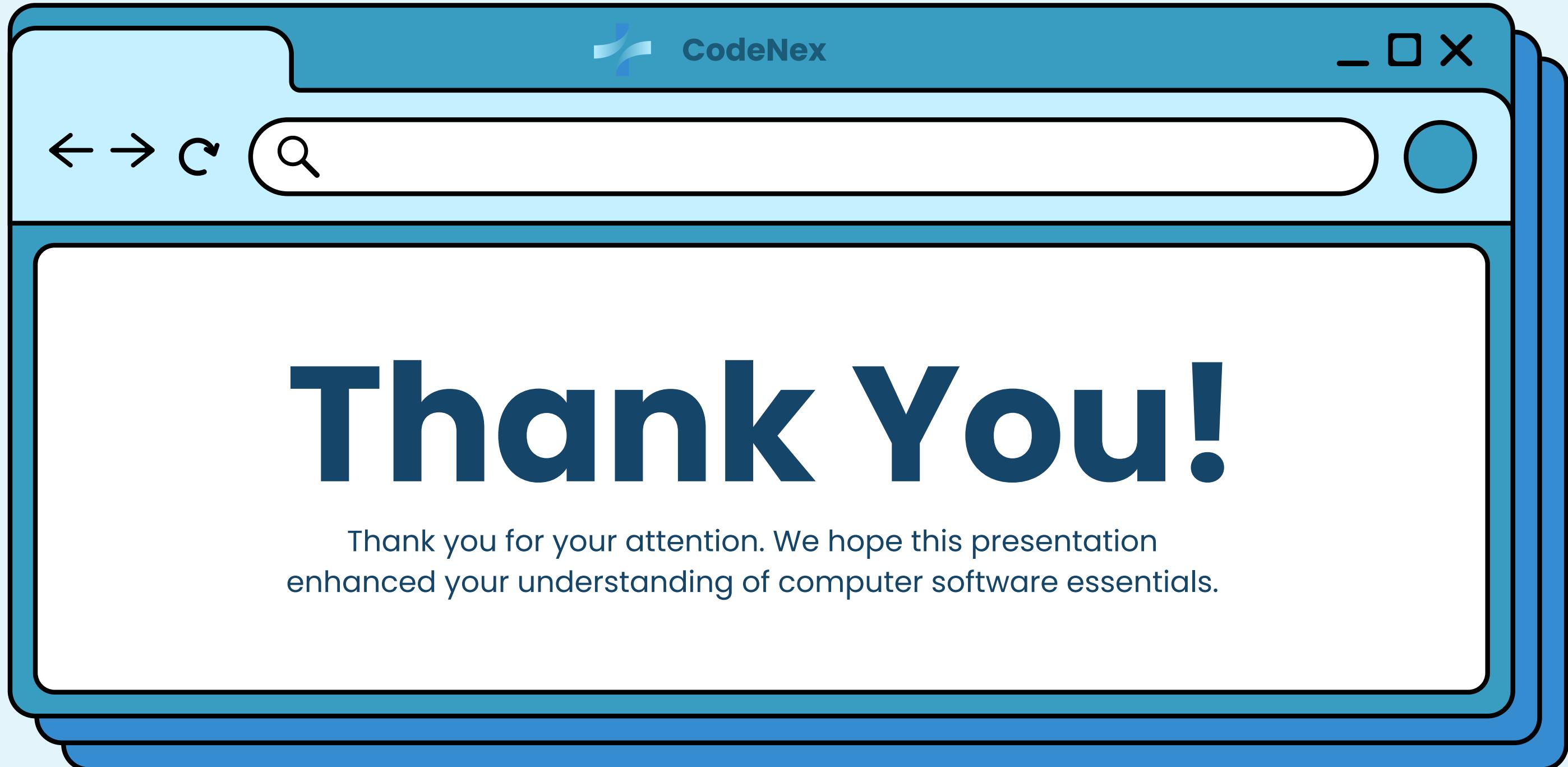
- **Multi-language Support**

Enable the system and chatbot to support multiple languages to cater to a diverse user base

- **Mobile App Version of RevX**

Develop a cross-platform mobile application (Android & iOS) to allow employees, managers, and HR to access the system on the go.





**It is time
Demonstration
<https://dep-test2-fe.vercel.app/>**



Q & A

