
STAFFHUB

PROJECT DESCRIPTION

The Staff Management System is a web-based HR management application that streamlines the process of recruiting customers into employee records, tracking employee attendance, and managing payroll. The system automates traditional manual processes, offering administrators a dashboard to assign roles, record attendance, and calculate salaries. It enhances HR efficiency and provides real-time insights into workforce data.

KEY FEATURES

The main goals of this system are:

- Multi-role login system (Admin, Company, Supervisor, Employee)
- Admin-controlled employee and company creation
- Employee promotion to Supervisor
- Supervisor-managed attendance system
- Automated salary calculation
- Company revenue and payroll visibility
- Secure role-based access
- Responsive and modern UI

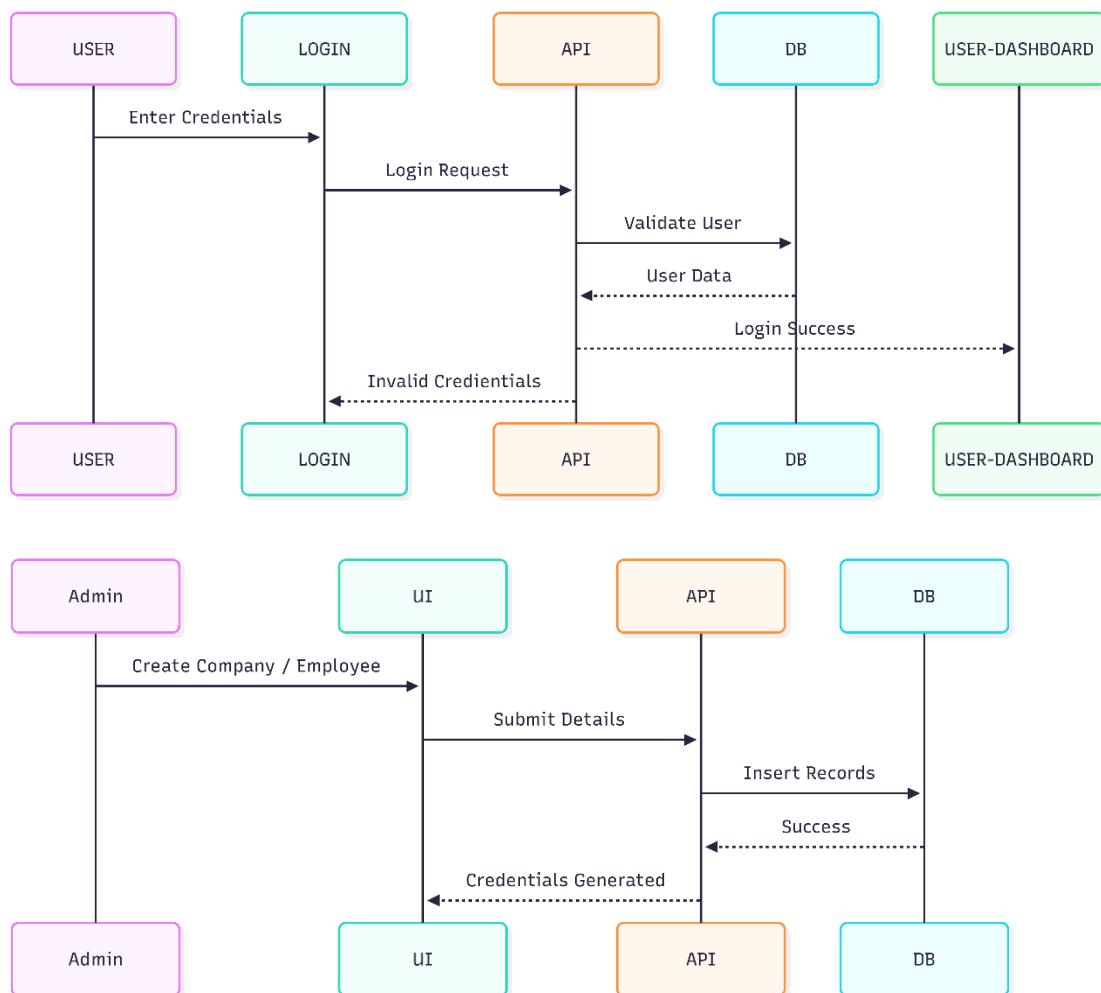
USER LOGIN TYPES & ACCESS

Role	Access & Responsibilities
Admin	Creates company & employee logins, views all data
Company	Manages employees, assigns work, promotes supervisors
Supervisor	Manages employee attendance
Employee	Views attendance, salary, and assigned work

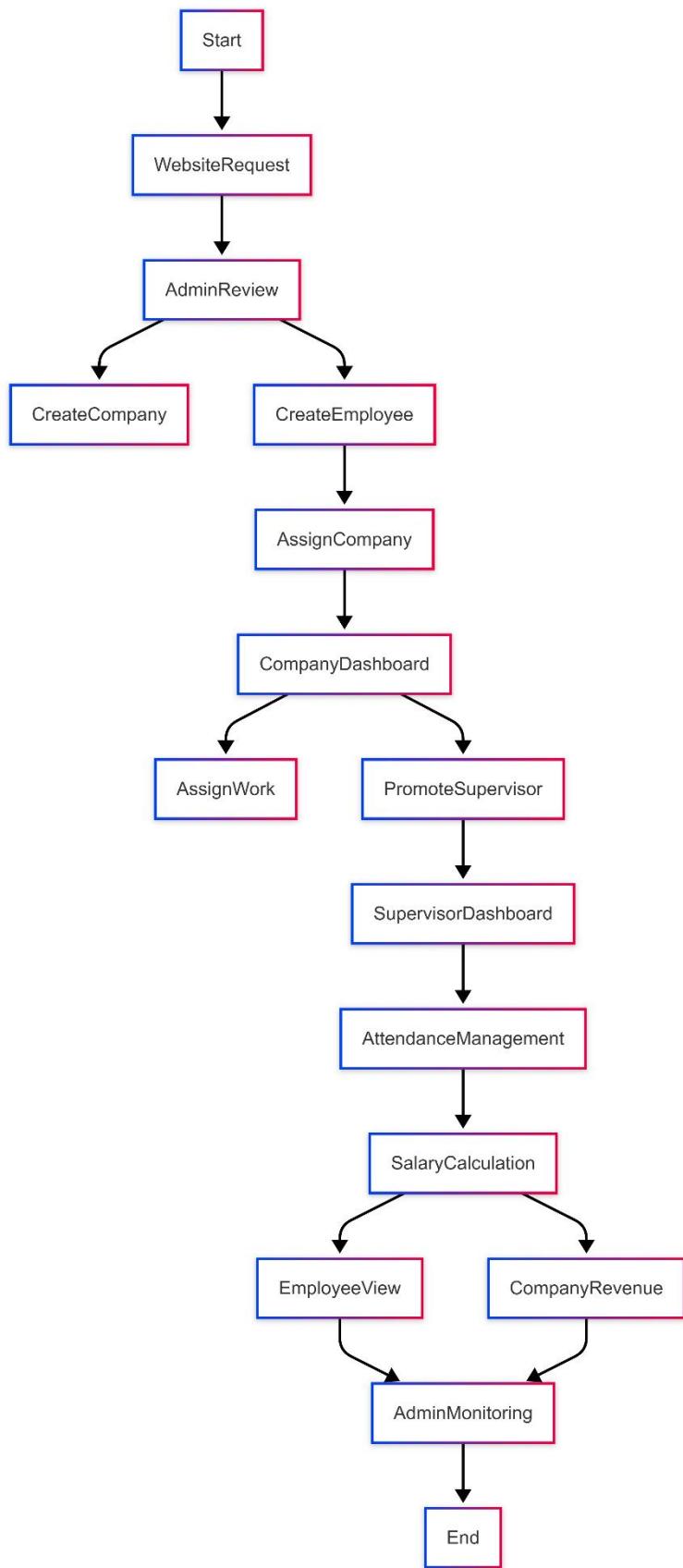
ARCHITECTURAL FLOW

The system begins when a user submits an employment request through the website. The admin reviews the request and creates company and employee login credentials. Employees are assigned to companies, where the company manages work assignments and promotes employees to supervisors. Supervisors manage attendance records, which are used by the system to calculate salaries. Employees can view their attendance and salary details, companies can view revenue and payroll data, and the admin has complete visibility and control over the entire system.

SEQUENCE DIAGRAM



FULL SYSTEM FLOWCHART



The flowchart represents the complete operational workflow of the **Staff Hub**, starting from user request submission to final administrative monitoring.

The process begins at the **Start** node, where a user submits an **employment request through the website**. This request is forwarded to the **Admin Review** stage, where the administrator verifies and approves the request.

Once approved, the **Admin creates the Employee login and assign to Company**. The newly created employee is then **assigned to a specific company**, after which the employee becomes visible in the **Company Dashboard**.

From the Company Dashboard, the company can **assign work roles** to employees. If required, the company may **promote an employee to the role of Supervisor** based on performance or operational needs.

After promotion, the workflow moves to the **Supervisor Dashboard**, where the supervisor is responsible for **managing attendance records** of all assigned employees. Attendance data such as working days and hours is recorded accurately.

The recorded attendance is then used for **Salary Calculation**, where the system automatically computes employee salaries based on attendance data and predefined salary rules.

Once salary calculation is completed:

- Employees can view their **attendance reports and salary details** through the **Employee View**.
- Companies can monitor **revenue, payroll expenses, and salary summaries** through the **Company Revenue** view.

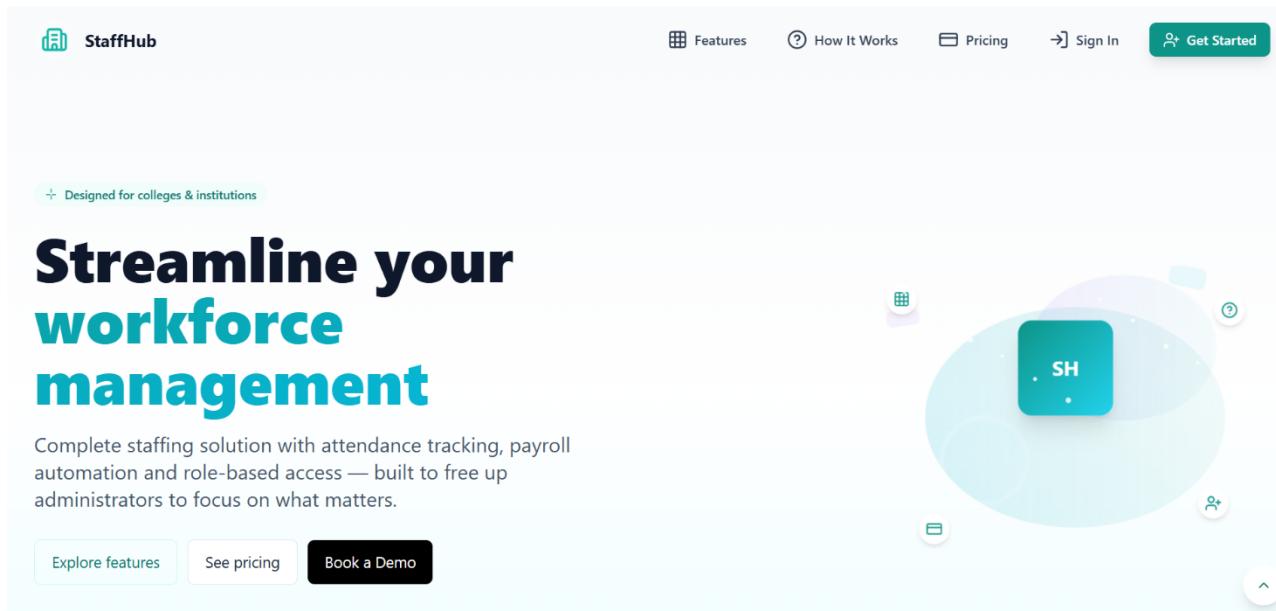
Finally, all system data — including employees, attendance, salaries, and company revenue — is consolidated and made available to the **Admin Monitoring** module, where the admin has **complete visibility and control** over the entire system.

Three-tier architecture consisting of Frontend (React), Backend (Node.js), and Database (MongoDB).

Technology Stack

- **Frontend:** React (Vite)
- **Backend:** Node.js
- **Database:** MongoDB
- **Deployment:** Vercel, Render

SCREENSHOT SECTIONS



The screenshot shows the homepage of StaffHub. At the top, there's a navigation bar with links for Features, How It Works, Pricing, Sign In, and Get Started. A green banner at the top left says "Designed for colleges & institutions". The main headline reads "Streamline your workforce management" in large, bold, black and teal text. Below it, a sub-headline says "Complete staffing solution with attendance tracking, payroll automation and role-based access — built to free up administrators to focus on what matters." There are three call-to-action buttons: "Explore features", "See pricing", and "Book a Demo". To the right, there's a graphic of overlapping circles with icons like a smartphone, a person, and a question mark, and a teal button with the letters "SH".

Powerful features for every role

Role-based access control ensures every user sees the right tools and information to manage work effectively.



Main Admin

- ✓ Register and manage companies
- ✓ Enable/disable company accounts
- ✓ View platform statistics
- ✓ Manage admin profile
- ✓ Monitor system activity



Company Account

- ✓ Register employees and supervisors
- ✓ Define salary structures
- ✓ View attendance records
- ✓ Generate salary and payslips
- ✓ Manage company profile



Supervisor

- ✓ View assigned employees
- ✓ Mark daily attendance
- ✓ Update attendance records
- ✓ View attendance history
- ✓ Generate reports



Employee

- ✓ View personal attendance
- ✓ View salary and payslips
- ✓ View documents
- ✓ Update profile information
- ✓ Download reports

Everything you need in one place

Comprehensive tools to manage your entire workforce — from attendance to payroll and analytics.



Attendance Tracking

Real-time attendance monitoring with detailed history and exportable reporting.



Salary Management

Automated salary calculations, payslip generation and export-ready files.



Welcome Back

Access your **StaffHub** dashboard

 Email address Password

[Forgot password?](#)

Login

Don't have an account? [Create one](#)

Secure & Encrypted Login



StaffHub

Workforce made simple

Trusted attendance, payroll and analytics tools for institutions and small businesses. Built to scale and easy to manage.

Your email address

Subscribe

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Mon-Fri: 9:00 — 18:00 IST

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Staff Management

SA

Employees

Statistics Companies Employees
Supervisors Assignments
Employee Summary Attendance By Date

Employees

+ Register Employee

Phone	Aadhaar	Status
9949570294	-	Active
466161515	-	Active
1234567895	-	Active
-	-	Active
06303467217	704424684651531	Active
1312423	142	Active

Staff Management

SA

Employees

Statistics Companies Employees
Supervisors Assignments
Employee Summary Attendance By Date

Assignments

+ Create Assignment Generate Salary

Employee	Company	Start	End
rama raju	zyntra	26/12/2025	27/12/202
vamsi	abhyankar	26/12/2025	27/12/202
Ravi	Infosys	26/12/2025	27/12/202
ram	Infosys	25/12/2025	26/12/202
Varam	Infosys	26/12/2025	27/12/202
Rohan	Infosys	26/12/2025	28/12/202

Staff Management

SA

Employees

Statistics Companies Employees
Supervisors Assignments
Employee Summary Attendance By Date

Attendance By Date

31-12-2025 Load

Name Email Phone

No attendance found for this date.

Staff Management
Simple • Fast • Unified

Dashboard Staff Attendance Payroll System Administr... admin

Companies

+ Register Company

Company	Email	Phone	Code	Status	Action
zyntra	zyntra@gmail.com	4321876598	COMPJMJCRO	Active	Disable
abhyankar	abyan@gmail.com	9878654512	COMPJ15SOFO	Active	Disable
TCS	tcs@gmail.com	51463365153	COMPJ12KUJ8	Active	Disable
Infosys	infosys@gmail.com	43636235133	COMPMIUCSIY9	Active	Disable

The screenshot shows the Staff Management software interface. At the top, there's a green header bar with the text "Staff Management" and "Simple • Fast • Unified". Below the header are navigation tabs: "Dashboard", "Staff", "Attendance", "Payroll", and a user profile icon for "TCS company". A red arrow points from the top right towards the user profile icon.

The main content area is titled "EMPLOYEES" and contains a table header for "Employees" with columns: Name, Email, Phone, Daily Salary, Start Date, and End Date. There are three buttons on the left side of the main area: "Employees" (highlighted in teal), "Supervisors", and "Attendance".

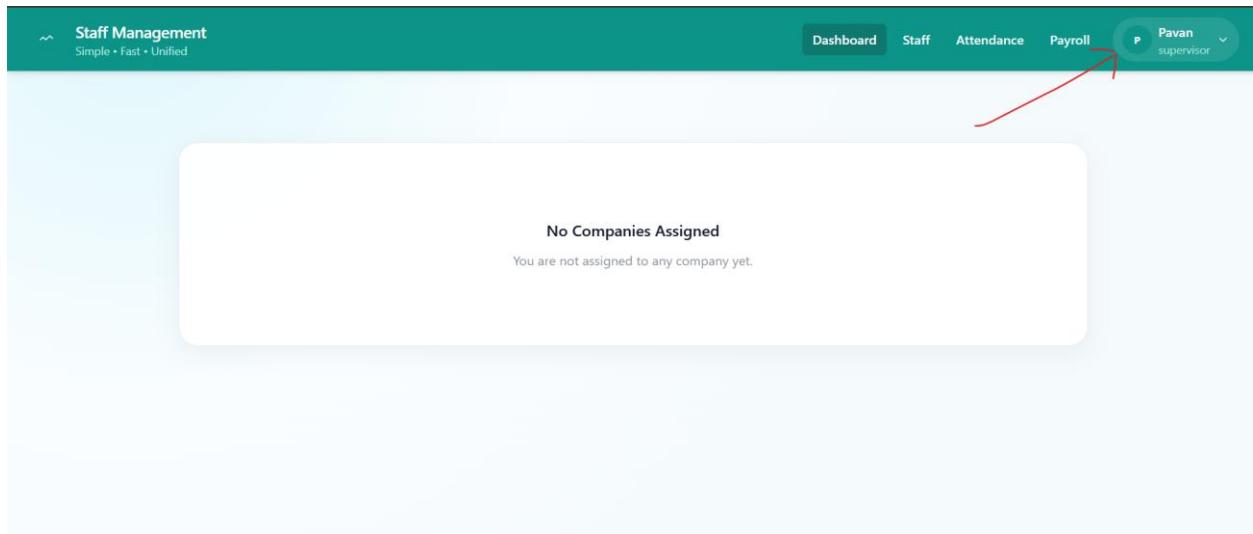
This screenshot shows the "Employee Dashboard" for a user named "Varam employee". The top header is identical to the previous screen. A red arrow points from the top right towards the user profile icon.

The dashboard features a section titled "Employee Dashboard" with the message "Welcome back, Varam! Manage your attendance, salary & profile". It includes three tabs: "My Attendance" (highlighted in teal), "My Payslips", and "My Profile". Below these are four circular summary cards: "PRESENT" (1), "ABSENT" (0), "HALF-DAY" (0), and "LEAVE" (0). A section for "Attendance Records" shows a table with columns: DATE, STATUS, CHECK IN, CHECK OUT, and REMARKS. The date range is set to December 2025.

This screenshot shows the "Employee Dashboard" for the same user "Varam employee". A red arrow points from the top right towards the user profile icon.

The dashboard features a section titled "Employee Dashboard" with the message "Welcome back, Varam! Manage your attendance, salary & profile". It includes three tabs: "My Attendance", "My Payslips", and "My Profile" (highlighted in teal). Below these are three main sections: "Personal Information", "Bank Details", and "Salary Structure".

- Personal Information:**
 - Name: Varam
 - Email: varma@gmail.com
 - Phone: 466161515
- Bank Details:**
 - Account Number: Not set
 - IFSC Code: Not set
 - Bank Name: Not set
- Salary Structure:**
 - Basic Salary: ₹25000
 - HRA: ₹0
 - Allowances: ₹200



DEPLOYMENT REQUIREMENTS

The Staff Management System is deployed using a cloud-based web architecture that requires a stable server and internet connectivity. The frontend of the application is developed using React with Vite and is hosted on a cloud platform such as Vercel to ensure fast and reliable access. The backend services are deployed on a server environment Node.js with RESTful APIs to handle business logic, authentication, attendance processing, and salary calculations. A MongoDB database server is used to store employee, company, attendance, and salary data securely. The system requires Node.js (version 16 or above) and a modern web browser for access. Proper environment configuration, secure API endpoints, and HTTPS communication are required to ensure data security and smooth system operation. This deployment setup supports scalability, role-based access, and efficient system maintenance.

CONCLUSION

The Staff Management System successfully provides a complete and efficient solution for managing employees, attendance, and payroll in an organized and automated manner. By introducing role-based access for Admin, Company, Supervisor, and Employee, the system ensures secure data handling and clear responsibility distribution. Automation of attendance tracking and salary calculation reduces manual errors and improves accuracy and transparency. The centralized monitoring feature allows the admin to oversee all operations, while companies and employees can easily access relevant information. Overall, this project demonstrates how modern web technologies can be used to simplify human resource management and improve organizational productivity.