

# **SALESFORCE DEVELOPER**

**PROJECT TITLE : WORKFORCE ADMINISTRATION SOLUTION**

**TEAM ID : NM2023TMID0250**

## **TEAM MEMBERS**

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# **PROJECT DESIGN PHASE – PART – 1 :**

## **SOLUTION ARCHITECTURE**

The solution architecture for a workforce administration solution can be complex, as it involves various components and functionalities. Here's a high-level architecture for such a system:

User Interface (UI):

Web-based dashboard for administrators, managers, and employees.

Mobile apps for employees to access self-service features and for managers to have on-the-go access.

Presentation Layer:

Responsible for the user interface and user experience.

Includes the design and layout of the application.

Application Layer:

Contains the core logic and functionality of the workforce administration solution.

Subcomponents:

User Management: Handles user authentication, authorization, and role-based access control.

HR Functions: Manages core HR functions such as employee records, payroll, benefits, and attendance.

Recruitment Module: Includes features for job postings, candidate management, and onboarding processes.

Scheduling and Shift Management: Manages workforce scheduling and shift assignments.

Performance Management: Supports performance appraisal, feedback, and goal setting.

Learning Management: Manages employee training, courses, and certifications.

Analytics and Reporting: Provides real-time analytics and reporting tools for data-driven decision-making.

Business Logic Layer:

Contains the application's business logic and rules.

Orchestrates the interaction between different modules.

Enforces compliance with labor laws and regulations.

Data Access Layer:

Manages the interaction with the database(s).

Includes data retrieval, storage, and manipulation.

Utilizes relational databases or NoSQL databases depending on the data structure and requirements.