## Project Design Phase

**Solution Architecture**

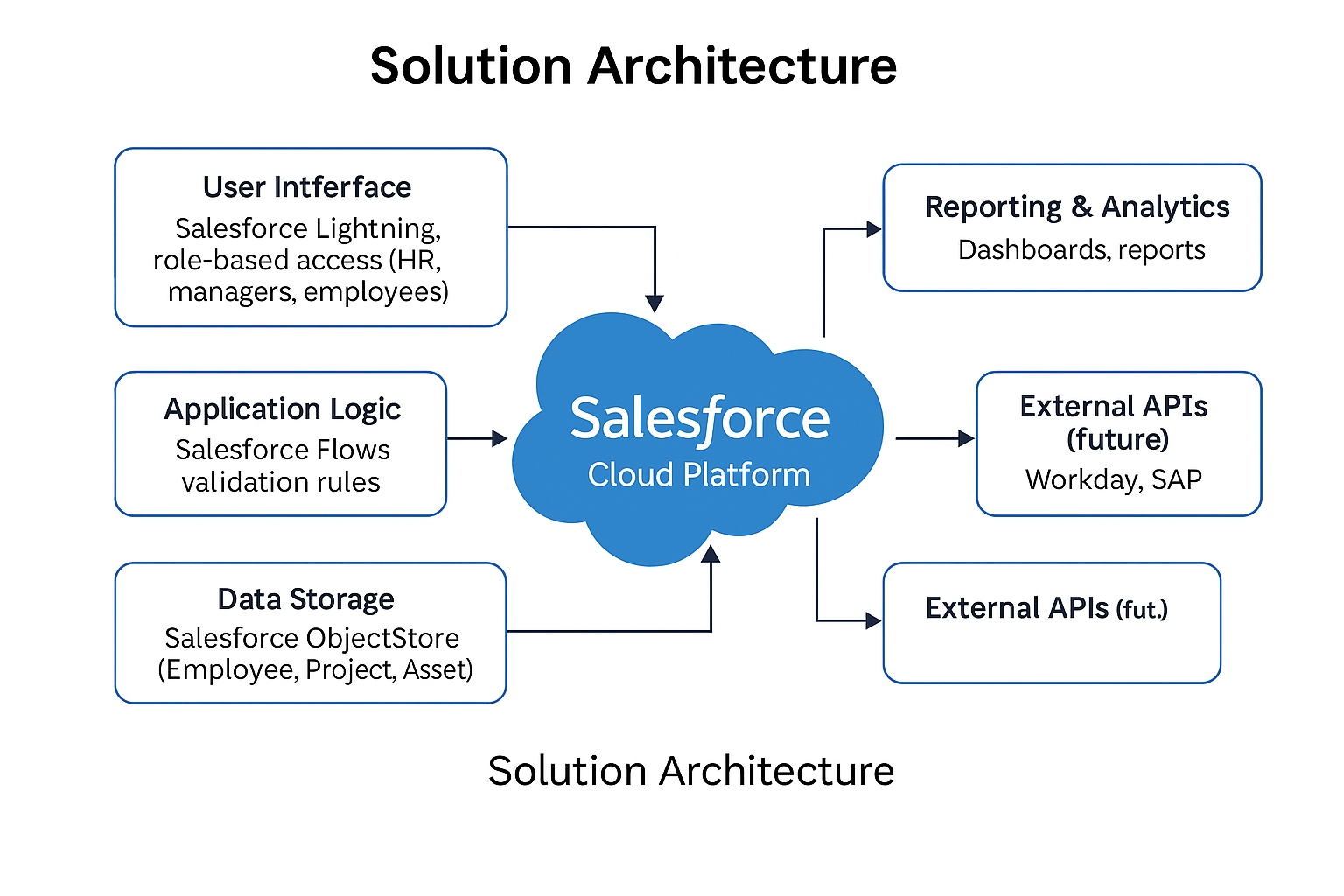
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| 📅 Date | 31 January 2025 |
| 👥 Team ID | LTVIP2025TMID31117 |
| 👥 Team Size | 4 |
| 👑 Team Leader | Sai Vinay Biruda |
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| 📌 Project Name | Workforce Administration Solution (Dev) |

### Solution Architecture

The Workforce Administration Solution architecture bridges the gap between business needs and technology through a centralized Salesforce implementation. It aims to: - Provide the best technology solution to streamline workforce administration. - Clearly describe the structure, behavior, and data flow of the system for all stakeholders. - Define functional features, development phases, and solution requirements. - Deliver specifications for managing and deploying the solution effectively.

#### Architecture Overview

The solution consists of: - **User Interface:** Salesforce Lightning platform providing role-based access (HR, managers, employees). - **Application Logic:** Salesforce Flows, Process Builder, and validation rules automate assignments and enforce business logic. - **Data Storage:** Salesforce Object Store holding employee, project, and asset data. - **Reporting & Analytics:** Real-time dashboards and reports using Salesforce native reporting tools. - **External APIs (future scope):** Integration points for HR systems like Workday or SAP.

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