**Project Design Phase-II**

**Technical Architecture**

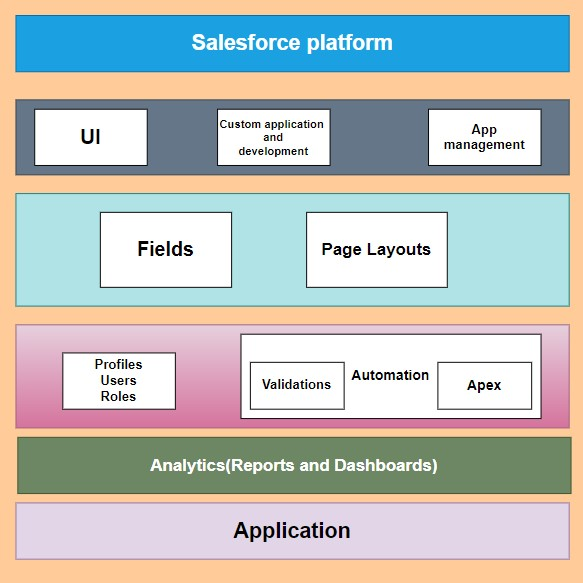
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| Date | 04 Nov 2023 |
| Team ID | **NM2023TMID02492** |
| Project Name | Cosmetics Store Management |

**Technical Architecture:**

Technical architecture refers to the high-level structure and design of a system's components, modules, and technologies. In the context of the cosmetics store management project, the technical architecture should outline the technology stack, infrastructure, and software components used to implement the solution. Here's an example of the technical architecture for this project:

**Technical Architecture for Cosmetics Store Management**

1. **Salesforce Platform:** The core of the technical architecture is the Salesforce platform, which provides a robust cloud-based CRM solution. It includes various services, such as data storage, security, and scalability.
2. **Web-Based Interface:** The system's user interface is web-based, making it accessible from standard web browsers on both desktop and mobile devices.
3. **Database:** Salesforce provides a highly scalable and secure database for storing customer data, product information, and transaction records.
4. **Custom Objects:** Custom objects are created within Salesforce to represent entities like Customers, Consultants, Retailers, and Others. These objects store specific data related to each entity.
5. **Tabs:** Custom tabs are created for easy navigation to different objects within the system. Tabs for Customers, Consultants, Retailers, and Others are made available in the Salesforce app.
6. **Relationships:** Salesforce's native relationship features are used to establish connections between various objects. For example, there are relationships between Customers and Consultants or Retailers to manage associations effectively.
7. **User Profiles:** Different user profiles, such as Store Supervisors and Billing Operators, are defined to control what users can access and modify within the system.
8. **Page Layouts:** Custom page layouts are designed to organize and display fields and information for each object. These layouts provide a user-friendly interface for data entry and management.
9. **Reports and Dashboards:** Salesforce's reporting and dashboard features are utilized to create visual representations of data, allowing users to gain insights into sales, customer behavior, and product performance.
10. **Security and Authentication:** Salesforce's built-in security features are used to ensure data privacy and secure user authentication.
11. **Customization and Configuration:** The system is configured to adapt to the specific needs of the cosmetics store, allowing easy customization of fields, objects, and processes.
12. **Integration:** Integration with other systems, such as inventory management and payment processing, is achieved using Salesforce's integration capabilities to facilitate data exchange.
13. **Mobile Access:** The system is accessible via mobile devices, enabling store staff to manage operations and engage with customers while on the go.
14. **Scalability:** Salesforce's cloud-based architecture ensures scalability, allowing the system to grow as the store expands its product offerings and customer base.
15. **Backup and Recovery:** Regular data backups and a recovery plan are in place to prevent data loss in case of system failures.

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