Task -2 : Explore Key Modules in ERPNext & Basics of ERPNext and Frappe Framework.

Basics of ERPNext

ERPNext is a business management software that helps companies manage all their operations in one place—such as inventory, finance, projects, and customer relationships. It acts like the central system of a business, keeping everything connected and organized.

- Open-source and free.
- Web-based application.
- Highly customizable.
- Used by small, medium, and large businesses.

Basics of Frappe Framework

Frappe Framework is the backend foundation on which ERPNext is built. If Frappe Framework is the engine, then ERPNext is the car built on the engine. It has a full featured Admin UI called the Desk that handles forms, navigation, lists, menus, permissions, file attachment and much more out of the box.

- Full-Stack Framework.
- Built-in Admin Interface.
- Role-Based Permissions.
- Customizable Forms and Views.
- Report Builder.

Key modules in ERPNext

ERPNext modules are tightly integrated. A Sales Order updates Inventory. A Sales Invoice updates Accounts. Customer data from CRM is used in Sales.

CRM(Customer Realtionship Management) Module: The CRM module helps business mange customers and leads efficiently. Its helps sales teams understand customer needs and convert leads into customer.

- Lead management.

- Opportunity tracking.
- Customer data storage.
- Follow-ups and communication history.

Sales Module: The Sales module handles the complete sales process, from quotation to invoicing. It ensures smooth order processing and helps track sales performance and revenue.

- Quotations.
- Sales Orders.
- Delivery Notes.
- Sales Invoices.
- Customer pricing.

Accounts Module: The Accounts module manages all financial transactions of the organization. It ensures accurate accounting, transparency, and compliance with financial standards.

- Chart of Accounts.
- General Ledger.
- Accounts Receivable & Payable.
- Payment Entries.
- Financial reports (Balance Sheet, Profit & Loss).

Inventory Module: The Inventory module helps manage products and stock levels. It prevents over-stocking or under-stocking and ensures efficient supply chain management.

- Item creation.
- Stock entries.
- Warehouses.
- Material transfers.
- Stock reports.