# Main Characteristics:

Odoo the new OpenERP is an integrated open source ERP and CRM business software built on a powerful Open Object Platform. Odoo allows you to leverage its modularity and collaborative development approach by simply grouping and configuring the most suitable modules (hundreds are available) to customize the system.

The results are rather impressive. With partners and contributors all over the world, Odoo has over 1,000 modules and is available in 20 languages.

# ODOO Features:

# Odoo Key Features:

Odoo has been specifically designed to help improve your businesses performance.

Its functional coverage expands to many of different areas.

# 1-CRM:

# Odoo gives you the ability to intelligently and efficiently manage leads, opportunities, tasks, issues, requests, bugs, campaigns, and claims. It automates key tasks such as communication, identification, prioritization, assignment, case resolution, and notification.

# 2-Warehouse Management:

# Odoo supports the management of multiple warehouses and structured stock locations. For each warehouse, inbound, outbound, and stock location can be defined.

# 3-Project Management:

# Odoo allows you to manage your company’s projects and tasks without any limitations. It provides you with the tools to handle multi-level sub-projects, to control tasks, to notify customers via e-mail, to schedule and prioritize assigned tasks. It also allows you to invoice based on task completion.

# 4-Point of Sale(POS):

With this Odoo module, you can easily manage all point of sales operations including sales, inventory, cash registry, and invoicing, for a global consolidated view of all your operations and your inventory.

# 5-Sales Management:

Odoo allows you to manage and classify your sales orders into a structured and hierarchical system. It gives you the ability to create new orders and review existing orders in their various states. Confirmation of an order can automatically trigger delivery of goods and invoicing.

# 6-Manufacturing:

Odoo allows you to manage your manufacturing operations with multi-level BoM, routings, and work centres. It gives you the ability to track work orders and also supports several planning methods like Make To Stock or Make To Order.

# 7-Accounting:

This key Odoo module covers General Ledger, cost accounting, accounts receivable & payable, tax management, budgets, electronic bank transfers, assets management, automatic invoicing, analytic controls, financial indicators, and statement management.

# 8-Purchase Management:

Odoo enables you to track your suppliers’ quotations and convert them into Purchase Orders. Odoo provides several methods for invoice monitoring and for tracking receipts.

The technical architecture in a nutshell:

- Backend: Postgresql, Python 3 (Odoo 11.0 and up), XML

- Frontend: HTML, Javascript, QWeb (proprietary), XML

Odoo follows a MVC architecture: