ODOO FUNCTIONAL COURSE

ODOO FUNCTIONAL COURSE SYLLABUS

MONTH 1: INTRODUCTION TO ERP AND ODOO ERP

1. Week 1-2: Introduction to ERP :

- What is ERP?
- Importance of ERP in business management
- Overview of ERP modules and functionalities
- Examples of popular ERP systems

2. Week 3-4: Introduction to Odoo ERP

- What is Odoo?
- Core Concepts of Odoo ERP
- Odoo Architecture

3. Week 5-6: User Interface and Navigation

- Menus and Workspaces
- Search and Filtering
- Kanban, List, and Form Views
- Reports and Analytics

MONTH 2: SALES, PURCHASES, AND INVENTORY

1. Week 7-8: Sales

- Sales Orders, Quotations, Invoicing, Delivery Orders, Sales Pipelines

2. Week 9-10: Purchases

- Purchase Orders, Vendor Management, Receipt of Goods

3. Week 11-12: Inventory

- Product Management
- Stock Movements
- Inventory Adjustments

MONTH 3: ACCOUNTING AND HUMAN RESOURCES (HR)

1. Week 13-14: Accounting

- Chart of Accounts
- Journal Entries
- Bank Reconciliation
- Financial Reporting

2. Week 15-16: Human Resources (HR)

- Employee Management
- Contracts
- Leave Management
- Payroll

MONTH 4: MANUFACTURING, CRM, AND PROJECT MANAGEMENT

1. Week 17-18: Manufacturing

- Bill of Materials
- Work Orders
- Production Planning

2. Week 19-20: CRM

- Lead Management
- Opportunity Management
- Customer Relationship Management

3. Week 21-22: Project Management

- Project Planning
- Task Management
- Timesheets
- Billing

MONTH 5: WEBSITE AND ADVANCED FEATURES

1. Week 23-24: Website

- Website Builder
- Blogs
- Reports and Analytics

2. Week 25-26: Customization and Configuration

- Creating Custom Fields and Views
- Workflow Design
- Report Generation
- Security Groups and Access Rights
- General Settings, User Management, and Localization

MONTH 6: REAL-WORLD PROJECTS

1. Week 27-28: Integration and Data Handling

- Integration with Third-Party Systems: Web Services, APIs, Connectors
- Data Migration and Import/Export: Data Cleaning and Transformation

2. Week 29-30: Real-World Projects

- Project 1: Small Business Implementation (Requirements Gathering, System Design, Customization)
- Project 2: Manufacturing Company Implementation (Production Planning, Inventory Management, Quality Control)

MONTH 7: ADVANCED SALES AND MARKETING

1. Week 31-32: Advanced Sales

- Point of Sale (PoS)
- Rental
- Subscription

2. Week 33-34: Marketing

- Email Marketing
- WhatsApp Marketing
- Social Marketing
- Survey and Event Marketing

MONTH 8: ADVANCED WEBSITE AND SERVICES

1. Week 35-36: Website

- eLearning
- Live Chat
- Event
- Forum

2. Week 37-38: Services

- Timesheet Management
- Field Services

- Helpdesk
- Planning

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MONTH 9: ADVANCED INVENTORY, MANUFACTURING, AND HR

1. Week 39-40: Advanced Inventory and Manufacturing

- Maintenance
- Quality Management
- Subscription

2. Week 41-42: Advanced HR

- Recruitment
- Attendance
- Time Off

MONTH 10: PRODUCTIVITY AND ODOO STUDIO

1. Week 43-44: Productivity Tools

- Discuss
- Knowledge Base
- IoT (Internet of Things)

2. Week 45-46: Odoo Studio

- Designing Applications
- Automating Processes
- Advanced Customizations

- Planning

MONTH 11: CERTIFICATION AND LIVE PROJECTS

1. Week 47-48: Odoo Certification Training and Exam Preparation

- Comprehensive Review of Odoo Modules
- Exam Guidance and Practice Sessions

2. Live Projects

- Project 3: E-commerce Business Implementation
- Project 4: HR Module Implementation
- Project 5: Marketing System Setup (Email, Social Media, WhatsApp Integration)

- Planning

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ODOO DEVELOPER COURSE

11-MONTHS ODOO DEVELOPER COURSE SYLLABUS

MONTH 1: INTRODUCTION TO ERP AND ODOO ERP

1. Week 1-2: Introduction to ERP

- What is ERP?
- Importance of ERP in business management
- Overview of ERP modules and functionalities
- Examples of popular ERP systems

2. Week 3-4: Introduction to Odoo ERP

- What is Odoo?
- Core Concepts of Odoo ERP
- Odoo Architecture

3. Week 5-6: User Interface and Navigation

- Menus and Workspaces
- Search and Filtering
- Kanban, List, and Form Views
- Reports and Analytics

MONTH 2: CORE APPLICATIONS I

1. Week 7-8: Sales and Purchases

- Sales: Sales Orders, Quotations, Invoicing, Delivery Orders, Sales Pipelines
- Purchases: Purchase Orders, Vendor Management, Receipt of Goods

MONTH 3: CORE APPLICATIONS

1. Week 11-12: Human Resources (HR)

- Employee Management, Contracts, Leaves, Payroll

2. Week 13-14: Project Management

- Project Planning, Task Management, Timesheets, Billing

MONTH 4: ADVANCED APPLICATIONS

1. Week 15-16: Manufacturing

- Bill of Materials, Work Orders, Production Planning

2. Week 17-18: Customer Relationship Management (CRM)

- Lead Management, Opportunity Management, Customer Relationship Management

3. Week 19-20: E-Commerce and Website

- E-Commerce: Product Catalog, Shopping Cart, Payment Gateways, Shipping Methods
- Website: Website Builder, Blog, E-mail Marketing

MONTH 5: CUSTOMIZATION AND CONFIGURATION

1. Week 21-22: Customizing Odoo

- Creating Custom Fields and Views, Workflow Design, Report Generation, Security Groups and Access Rights

2. Week 23-24: Odoo Configuration

- General Settings, User Management, Company Settings, Localization

MONTH 6: INTEGRATION, PROJECTS, AND CASE STUDIES

1. Week 25-26: Integration and Data Handling

- Integration with Third-Party Systems: Web Services, APIs, Connectors

- Data Migration and Import/Export: Data Cleaning and Transformation

2. Week 27-28: Real-World Projects

- Project 1: Small Business Implementation (Requirements Gathering, System Design, Customization)
- Project 2: Manufacturing Company Implementation (Production Planning, Inventory Management, Quality Control)
- Project 3: E-commerce Business Implementation (Order Processing, Payment and Shipping Integration)

MONTH 7: ODOO TECHNICAL BASICS

1. Python Essentials

- Python basics, OOP concepts, file handling, and debugging.

2. Odoo Framework

- Introduction to the Odoo framework and modular architecture.

MONTH 8: ODOO BACKEND DEVELOPMENT

1. Data Models and ORM

- Understanding Odoo's ORM.
- Creating models, fields, and relationships.

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2. Business Logic

- Writing server-side Python methods for business logic.
  Project 2: Manufacturing Company Implementation
- (Use of decorators like @api.model, @api.multi, and @api.onchange.

3. Security and Access Rights

- Configuring security groups, access control lists (ACL), and record rules.

MONTH 9: ODOO FRONTEND DEVELOPMENT

1. User Interface (UI) Basics

- Views: Kanban, Form, List, Calendar, Pivot.
- Adding custom views and actions.

2. Odoo JavaScript Framework

- Introduction to Odoo's JS framework.
- Writing custom widgets and extending existing ones.

3. QWeb and Reporting

- Creating and customizing QWeb templates.

- Report generation and PDF customizations.

MONTH 10: ADVANCED DEVELOPMENT TOPICS

1. API Integration

- Consuming Odoo's external API (XML-RPC and JSON-RPC).
- Building custom REST APIs in Odoo.

2. Performance Optimization

- Caching, query optimization, and understanding server performance tools.

3. Custom Modules

- Creating and deploying custom Odoo modules.
- Best practices for module development.

MONTH 11: REAL-WORLD PROJECTS, ODOO STUDIO, AND CERTIFICATION

1. Odoo Studio for Developers

- Advanced app-building techniques using Odoo Studio.
- Building custom REST APIs in Odoo.

2. Live Development Projects

- Project 1: Customizing Sales and Inventory workflows.
- Project 2: Building a new eLearning platform.
- Project 3: Developing a multi-company HR system.

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BUSINESS ANALYST COURSE

6 – MONTHS BUSINESS ANALYST COURSE

MODULE 1: INTRODUCTION TO ODOO

1. Odoo Overview

- What is Odoo?
- Core Concepts
- Odoo Architecture

2. User Interface and Navigation

- Menus and Workspaces
- Search and Filtering
- Kanban, List, and Form Views

MODULE 2: CORE APPLICATIONS

1. Sales:

- Sales Orders
- Quotations

- Invoicing
- Delivery Orders
- Sales Pipelines

2. Purchases:

- Purchase Orders
- Vendor Management
- Receipt of Goods

3. Inventory:

- Product Management
- Stock Movements
- Inventory Adjustments

4. Accounting:

- Chart of Accounts
- Journal Entries
- Bank Reconciliation
- Financial Reporting

5. Human Resources:

- Employee Management
- Contracts
- Leaves
- Payroll

6. Project Management:

- Project Planning
- Task Management
- Timesheets
- Billing

MODULE 3: ADVANCED ODOO APPLICATIONS

1. Manufacturing:

- Bill of Materials
- Work Orders
- Production Planning

2. CRM:

- Lead Management
- Opportunity Management
- Customer Relationship Management

3. E-commerce:

- Product Catalog
- Shopping Cart
- Payment Gateways

4. Website

- Website Builder

- Blog
- E-mail Marketing

MODULE 4: ODOO CUSTOMIZATION AND CONFIGURATION

1. Customizing Odoo:

- Creating Custom Fields and Views
- Workflow Design
- Report Generation

2. Odoo Configuration:

- General Settings
- User Management
- Company Settings
- Localization

MODULE 5: ODOO INTEGRATION

1. Integration with Third-Party Systems:

- Web Services
- APIs
- Connectors

2. Data Migration and Import/Export:

- Importing and Exporting Data
- Data Cleaning and Transformation

MODULE 6: REAL-WORLD PROJECTS AND CASE STUDIES

1. Project 1: Implementing Odoo for a Small Business

- Requirements Gathering
- System Design
- Configuration and Customization
- Data Migration
- User Training

2. Project 2: Implementing Odoo for a Manufacturing Company

- Production Planning and Scheduling
- Inventory Management
- Quality Control

3. Project 3: Implementing Odoo for an E-commerce Business

- Product Catalog Management

- Order Processing
- Payment and Shipping Integration