

Oracle Application Customization For USA Based Software Consultant

[INFORMATION TECHNOLOGY – CUSTOMIZATION IN ORACLE APPS – ORACLE TECHNOLOGY PLATFORM]

Client Overview

About Client: The Client is a USA based Software Consultant providing services of **ORACLE APPLICATIONS ERP** for commodity trading business to their customers. The client is having more than 10,000 items in trading around Midwest in USA.

Requirement Overview: The main objective is to develop robust desktop based application system for custom oracle forms for various distinguish services. The services may have Purchase order processing, Pricing and Inventory Management. The application should be efficient to utilize by users along with implemented features. The application can mitigate user's access towards the system and mitigate existing level of constraints.

Proposed Solution: Silver Touch has provided comprehensive solution in Oracle Technology platform (with Oracle 9i database) to the client where the users can able to create Oracle application ERP for commodity trading business. The application provides benefits to their users as to take minimum time to data entry in purchase orders and pricing information. The provided solution for this application is based on Oracle API integration, Oracle apps packages, stored procedures, tables and concurrent request manager.



Oracle Application Customization

Benefits

1. The ORACLE APPLICATION ERP for commodity trading business is helping to their users to create Custom Application Forms.
2. User can able to create Custom Application Forms for different services such as Purchase orders processing, pricing and Inventory management.
3. Using Custom Application Forms, users will get advantage and decrease the timing for data-entry in the Purchase orders and pricing information.

Project Description

The new developed application is based on Oracle technology platform (Ver. 11.5.9) along with Oracle 9i database within the purpose to mitigate existing system constraints for their users. The new developed system is a robust solution with implemented features to the client along with customization for different services such as Purchase orders processing, Pricing and Inventory Management. The solution has been developed within Integration of Oracle API, Oracle APPS Packages, Stored Procedures, Tables and Concurrent Request Manager.

However, this application is providing new enhancement of features within Custom Application Forms to their users where they can get advantage and decrease timing for data-entry in the Purchase orders and pricing information.

Objectives

The Project Objectives were:

1. To generate the Oracle Apps Purchase Order using APIs with interface, Pricing form, Receipts, and Warehouse and Inventory information.
2. To generate a new item from old item with old item's On hand quantity and deducting trash quantity in Inventory.
3. The user must be able to mark up and down the standard price on a customer's price list by a percentage or a dollar amount along with assigning a completely custom price to the item.
4. Develop Stored Procedures in PL/SQL to insert data into first of all Interface Tables and then into Oracle Apps final table through Oracle Apps Job queue process.
5. Develop custom forms based on the client requirements which are integrated into Oracle Application menu. The user feeds data into custom form, which are first saved into custom tables (designed by us) and then into Interface tables with appropriate columns mapping.
6. Develop custom Reports to print the report after the form processed and prints the data processed for the custom form.
7. Use Oracle Database new features to improve performance of large queries and to reduce time to manage database.

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Project Approach / Activities

The Project was divided into various phases to achieve the best results in less time with optimal utilization of available resources.

1. **Phase I:** Analysis of the Clients requirement of custom forms/reports, database design and dependable entities.
2. **Phase II:** Create new customization forms and register it on Oracle applications menu under appropriate Responsibility.
3. **Phase III:** Testing all features, validations and data generated in Oracle Apps tables.
4. **Phase IV:** Setup of custom forms on Development and testing Oracle Applications environment.

Technology

Development Platform

Technology	Specifications
Technology & Framework	Oracle Applications 11.5.9, Oracle Forms, Reports 6i
Database	Oracle 9i
Web Server/Hosting Platform	Oracle Applications Server
Languages	Oracle PL/SQL
Operating System	Windows XP

Deployment Platform

Technology	Specifications
Technology & Framework	Oracle Applications 11.5.9, Oracle Forms, Reports 6i
Database	Oracle 9i
Web Server/Hosting Platform	Oracle Applications Server
Languages	Oracle PL/SQL
Operating System	LINUX

Duration

1. Project Development: 7000 Hours (1 Dedicated Resource for 2 Years)
2. Project Life Cycle: 1 Dedicated Resource for 2 Years

Results Achieved

1. Developed new "Desktop Based Application System" with the purpose to Create Custom Application Form for Oracle Application ERP.
2. The new developed system is leveraging the effects of user friendliness and reduces the time consuming process to create application forms as compare to previous system.
3. The new developed application system is taking less time to create any Application form by users.
4. Currently the users/customers of this application are very happy with the new customization of Oracle Applications forms, Concurrent requests and scripts.

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Netscape: 01 Oracle Management Super User

Functions Documents

SkinCareInc EDI Transaction Status Form

Po Number Store #

850 Status Order #

Search

Po Number	Store #	Order #	850 Status
150095	172011	465671	PROCESSED
150097	172013	465672	PROCESSED

810 856



Deliver best products, software solutions and services, on time with quality, and as per customer expectations

About SilverTouch

SilverTouch, a company established in 1992 is widely accepted for its IT solutions with a huge customer base in more than 20 countries across the world.

SilverTouch is actively engaged in Enterprise software development, enterprise content management, document management and IT consulting services such as Business process optimization, process consulting, implementation and customization of ERP. SilverTouch leads brilliantly in new technical developments such as: Mobile Application development services on iPhone, iPad, Blackberry, Android, J2ME and Windows mobile platforms. Even now, SilverTouch helps its global clients for major developments, deployments and managements of their mobility solutions and enterprise application development programs.

SilverTouch has alliance with several industry leaders such as Microsoft, Apple, Cisco, IBM, Oracle, SAP, Java, Dell, VM ware, Symantec, Sonic Wall which provides a competitive edge over other industry peers and targets to understand and cater to all types of requirements that concern our clients, thereby, leading to serve them precisely to their satisfaction.

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