



PeopleSoft technical Course Content:35-40hours

Course Outline

PeopleSoft Architecture

- Two tier architecture
- Three tier architecture
- Web Architecture
- Functions of the various components involved in Architecture

Development Tools Used in PeopleSoft

- Fields
- Records
- Pages
- Components
- Menus

- Building Yourfirst Application
- Using Application Designer

Creating a PeopleSoft Record Definition

- Identify and Create Custom Fields
- Creating a Record Definition
- Defining Record definition Properties
- Define Record Field properties

Creating a PeopleSoft Page Definition

- Assembling record Fields in a Page
- Defining Page Field Properties
- Checking the Page Layout
- Define Page Properties
- Saving Page Properties

Providing User Access to the Application

- Creating Components In PeopleSoft
- Define Component Properties



- Registering a Component
- Providing the Permissions to the Component Created
- Permission List Concept
- User Profiles

Roles

Enhancing your Application

- Creating and Using Prompt Records
- Principles of prompt Records
- Prompt Records with single search key
- Prompt Records with effective Dates
- Effective Date Concept
- Prompt records with Multiple Search Keys
- Dynamic Prompt Records

Creating and maintaining translate Values

- Creating and using search records
- Search records without keys
- Search records with search Keys

Working with Derived/Work Records

- Using derived records as counters and Totals
- Using Derived record to display messages
- Other uses of Derived Records

Using Push Buttons in PeopleSoft

Advanced Page Design features

- Working with Scrolls
- Multiple rowson Scroll Bars
- Parent-Child Relationship on Scrolls
- Working with Sub Pages and Secondary Pages
- Sub-Pages
- Secondary Pages

Working With Grids

- Related Field and Display Control field
- Types of records

PeopleCode

- PeopleCode Events
- Search Processing
- Add Processing
- Save Processing

- PeopleCode Data Elements
- Temporary Variables

Constants

- System Variables

PeopleTools Tables and Naming Conventions for types of Records

- Basic Peoplecode Built-in-Functions
- Conversion Functions
- Date/Time Functions
- Effective Date/Sequence Functions
- Logic Functions
- Math Functions
- Page Buffer Functions
- Page Control Functions
- Save/Cancel functions
- String Functions
- Page Transfer functions

Associating the PeopleCode with Components

- Activate Event
- PreBuild Event
- Post Build Event

Messages and Error Handling

- Using the Message Box Function
- Using the Win Message Function
- Error and Warning

Embedded SQL

- When to use embedded SQL
- The SQLEXEC function
- CreateSQL()
- Using the inline bind variables
- Dates and Meta SQL
- Basic Scroll functions

Application Engine

- Basics of Application Engine

- State Records
- Actions/Steps

SQR

- Basics Of SQR
- Process Scheduler Concept
- Runcontrol Records
- Illustration of Program using SQR

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