

Oracle APEX Course Content

Course Duration - 45-50 Hrs., 6-8 Weeks

Course Information

Batch Options

Weekday Batch
Mon – Sat – 1.5 Hr./Day

About the Trainer

Industry Expert Trainer with 15+ Years
Real Time Work Experience at Top US
Based Product and Consulting Firms

Contact Us

Mobile: +91 73960 33555
WhatsApp: +91 73960 33555
Mail: Prasad@unogeeks.com
Website: Unogeeks.com

Introduction To Oracle APEX Training

Oracle APEX

Oracle APEX is the world's most popular enterprise low-code application platform that enables you to build scalable, secure web and mobile apps.

Want to become Oracle APEX Certified Developer or Specialist? Attend this Best Oracle APEX training course offered by the Unogeeks (Rated as Top Oracle APEX Training Institute in the market)

What you'll learn

- How to create secure, **scalable enterprise scale APEX Apps** on Oracle Cloud
- Build and manage **powerful reports**.
- Develop and **manage different types of forms**.
- **Build a variety of pages:** Cards, Faceted Search, Smart Filters, Maps, Charts and Calendars
- Manage pages and regions.
- Implement **navigation in APEX** applications.
- **Enhance APEX app** using Computations, Processes, Validations and Dynamic Actions
- Implement **Security in APEX** application.
- **Extend APEX application** capabilities.
- Migrate application development between environments.
- To prepare students for **Oracle APEX Certification Exams**
- To provide help in **resume preparation** and provide **interview guidance**.

Course Content

Module 1: Introduction to Oracle APEX

- What is Oracle APEX?
- Introduction to Oracle Autonomous Database
- Understand Low Code Application Development
- Oracle APEX Availability and Architecture
- Oracle APEX Use Cases

Module 2: Oracle APEX Set Up

- Provisioning an APEX Workspace
- APEX History and Product Components
- Oracle APEX Architecture in detail
- Previewing out of the box apps given by Oracle
- Installing a Sample APEX Application

Module 3: SQL, PL SQL Refresher

- Understand SQL Basics
- Use SQL Commands and SQL Scripts
- Generate SQL by Using Quick SQL
- Basics of PL SQL
- Build Sample Datasets

Module 4: Build First Application in APEX

- App Builder Concepts
- App Builder and the Create App Wizard
- Application Based on Existing Tables
- Create an Application from a File

Module 5: Build Complex Point of Sale APEX App - Part 1

- Introduction to Point of Sale App Design
- Design and Set up Data Model for POS App
- Build complex APEX Application Page to manage Purchasing
- Add Administration in PoS App using various APEX Components

Module 6: Build Complex Point of Sale APEX App - Part 2

- Build complex APEX Application Page to manage Sales
- Build Complex Apex Page to Add and Manage Customers
- Build Complex Dashboard Page to Display Stock and Other Details

Module 7: Build Expense Tracker App - Part 1

- Introduction to Expense Tracker App Design
- Design and Set up Data Model for Expense Tracker App
- Build page to add variety of expenses
- Build complex page to display transactions
- Build Complex APEX Bar Chart to display expenses by Category etc.

Module 8: Build Expense Tracker App - Part 2

- Create Faceted Search Reports
- Build and manage summary report cards
- Manage Smart Filters to display expenses by Month and Year
- Build Dashboard to display expense totals and graphs
- Build Interactive Reports in APEX

Module 9: Design Complex E-commerce App

- Introduction to E-commerce App
- Design the app and setup the data model
- Introduction to Understanding Security and Authentication

Module 10: Implementing Security in your Application ECommerce App

- Understanding and Using Authorization Schemes
- Creating and Using Access Control Administration Page
- Build Login page with Password Reset and Other login options
- Understand user authorization and access control

Module 11: Build Complex E-commerce App - Part 1

- Discuss the design for End User and Admin Modules
- Load products into E-Commerce App using image and excel upload
- Add search page for end user to search for products and add them to cart
- Build Check Out Page with address and other details

Module 12: Build Complex E-commerce App - Part 2

- Apex Integration with test payment gateway
- Design Admin section to manage the E-Commerce App
- Admin pages to manage products, users etc.
- Manage Interactive Grids as Developer and End User
- WhatsApp Integration with APEX App

Module 13: APEX Computations, Processes and Validations - Ecommerce App

- Understanding Page Rendering and Page Processing
- Manage APEX Computations
- Creating and Understanding Page Processes
- Build and Manage Validations in APEX
- Understand Validations and Branches

Module 14: Creating and Using Dynamic Actions - Ecommerce App

- Understanding Dynamic Actions
- Enabling and disabling Items using Dynamic Actions
- Setting an Item Value using Dynamic Actions
- Filtering and Refreshing a Report using Dynamic Actions

Module 15: Build Complex HRMS Solution in APEX

- Understand Complex HRMS Solution design
- 4 Apex Apps required for this solution
- Set up required data model
- Manage Page Items and Application Items
- Create and Manage List of Values
- Create and Customize Buttons

Module 16: Build Recruitment App in APEX

- Understand Recruitment App Solution design
- Set up required data model
- Build required pages to raise requisition and track candidates
- Build reports to fetch and display selected or rejected candidates
- Understand how file upload and print functionality works in APEX

Module 17: Build Employee App in APEX - Part 1

- Understand Employee App Solution
- Set up required data model and load data
- Build required pages to add and manage employees
- Create, Edit and Manage Automations

Module 18: Build Employee App in APEX - Part 2

- Introducing and Managing Approvals
- Creating Master Detail Forms
- Understanding and Creating Forms
- Understanding Collections

Module 19: Build Employee App in APEX - Part 3

- Managing REST Enabled SQL References
- Creating and Managing REST Data Sources - Part 1
- Creating and Managing REST Data Sources - Part 2
- Creating an Editable Interactive Grid

Module 20: Build Attendance App in APEX

- Understand Attendance App design
- Set up required data model
- Build required pages to capture attendance manually
- Build reports to fetch and display attendance information by dept
- Build page to upload bulk attendance data into app

Module 21: Build Leave Tracker App in APEX

- Understand Leave Tracker App design
- Build required pages to capture leaves manually
- Build reports to fetch and display leave information
- Build page to upload bulk leave data into app

Module 22: Build Complex HRMS Apex App

- Build Complex HRMS Apex App displaying links to other 4 Apps
- Understanding Themes
- Understanding Theme Styles and Theme Roller
- Understanding Templates
- Managing Themes and Using Custom CSS
- Creating and Using Lists
- Creating and Using Navigation Menu and Navigation Bar List
- Sending Emails
- Adding Search to an Application
- Apex automation
- Push notifications
- Test the entire HRMS Apex Solution together with all apps

Module 23: Guidance on Certification, Interview and Resume Preparation

- We will provide most comprehensive guidance in Oracle APEX Certification
- We will share couple of resumes and help you prepare Perfect Oracle APEX resume
- We will teach all possible interview questions in Oracle APEX