Oracle Application Frame work (OAF)

1. Introduction to Oracle Applications and OAF

- Oracle Applications Framework.
- Necessary to use OAF in Oracle Apps.
- OAF Process Flow.
- More about OAF.
- Advantages of OAF.
- Difference between OAF/Oracle Forms.
- Difference between OAF/ADF.
- Prerequisites for learning OAF.
- Roles and Responsibilities in OAF.

2. MVC Architecture

- Overview of the Model.
- Overview of the View.
- Overview of the Controller.
- Onion Structure.
- BC4J File structure.

3. Java Basics

- How to Use All Loops in Java
- Class and Objects.
- Methods.
- Java Data types.

- ➢ Arrays
- ➢ Collections
- ➢ Exception Handling
- ➢ JDBC
- ➢ Using Java syntax in OAF.

4. Sample Exercises

- ➢ Create Simple page.
- ➢ Create Items and Regions in page.
- ➢ Display Exceptions page.
- ➢ Swapping the value from one field to another field.
- ➢ Display images on the Page.
- ➢ Create Automatic search by using query region with LOV Concept
- ➢ Create Result Base Search by using query region.
- ➢ Create Manual Search.

5. Real Time Project on Custom Module

- ➢ Creating Search page with validations.
- ➢ Real time Create page with validations.
- ➢ Real time Master Details page.
- ➢ Real time Update page.
- ➢ Real Time Delete page.
- ➢ Calling Oracle APIS in OAF page.
- ➢ Calling SQL Statements in OAF Page.
- ➢ Cascade Delete Example.
- ➢ Dynamically display update page
- ➢ Dynamically display details page.
- ➢ Usage hash map and Serializations.

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➢ Display Dialog page.

➢ Debugging OAF code.

6. Real Time Validations

➢ Compare Two Dates.

➢ Compare Two Numbers.

➢ Partial Page Rendering (PPR).

➢ Usage of SPEL.

➢ Dependent LOV.

➢ Dependent Pop list.

➢ Dynamically Enable Disable fields/Buttons.

➢ Dynamically Display Colors.

➢ Restrict special characters in the field.

➢ Display Upper case and Lower case letters.

➢ Display Graph with calculations.

➢ Dynamic calculations.

➢ ID value storing.

7. OAF Personalization

➢ Personalization Levels.

➢ Create the new Items, Regions ,required, rearranging, disabling. Even which Covers SPEL Part

➢ Deleting personalization.

➢ Disabling personalization.

8. OAF Extensions

➢ Real-time scenario on VO Extension in I Supplier and I Procurements.

- ➢ Real-time scenario on CO Extensions.

- ➢ Example on AM Extension.

- ➢ Example on EO Extension.

- ➢ Debugging OAF code on the server.

- ➢ Deleting the extensions.

9. Real Time project on OAF Extensions and Personalization

- ➢ Modifications on **Buyers work order pages in I suppliers**.

- ➢ Modification on **I Suppliers Registration page**.

- ➢ Creating new LOV in Seeded oracle **I supplier page**.

- ➢ Creating new pop list in Seeded oracle **I procurement page**.

- ➢ Modifications on **Payment Manager Enquiry in AP Module**.

- ➢ I Procurement Extensions for **Non Catalog Requisitions**.

- ➢ **CRM Module Depot Repair Extension**

- ➢ **Project Note Box Customization** OAF Page Development in Project Accounting and AR Module

- ➢ **Key Flex Field Extension** on Accounting Flex filed on Different Modules.

- ➢ **DFF Extension in to Buyers work order pages in I suppliers**.

10. OAF Deployment & Live Migration Activities From One Instance to Another Instance.

- ➢ Deploy pages in oracle apps server by using XML Importer script and register in oracle Apps.

- ➢ Deploy bc4j extensions in oracle apps server by jpx importer script.

- ➢ Overview of MDS and JDR Utilities and tables
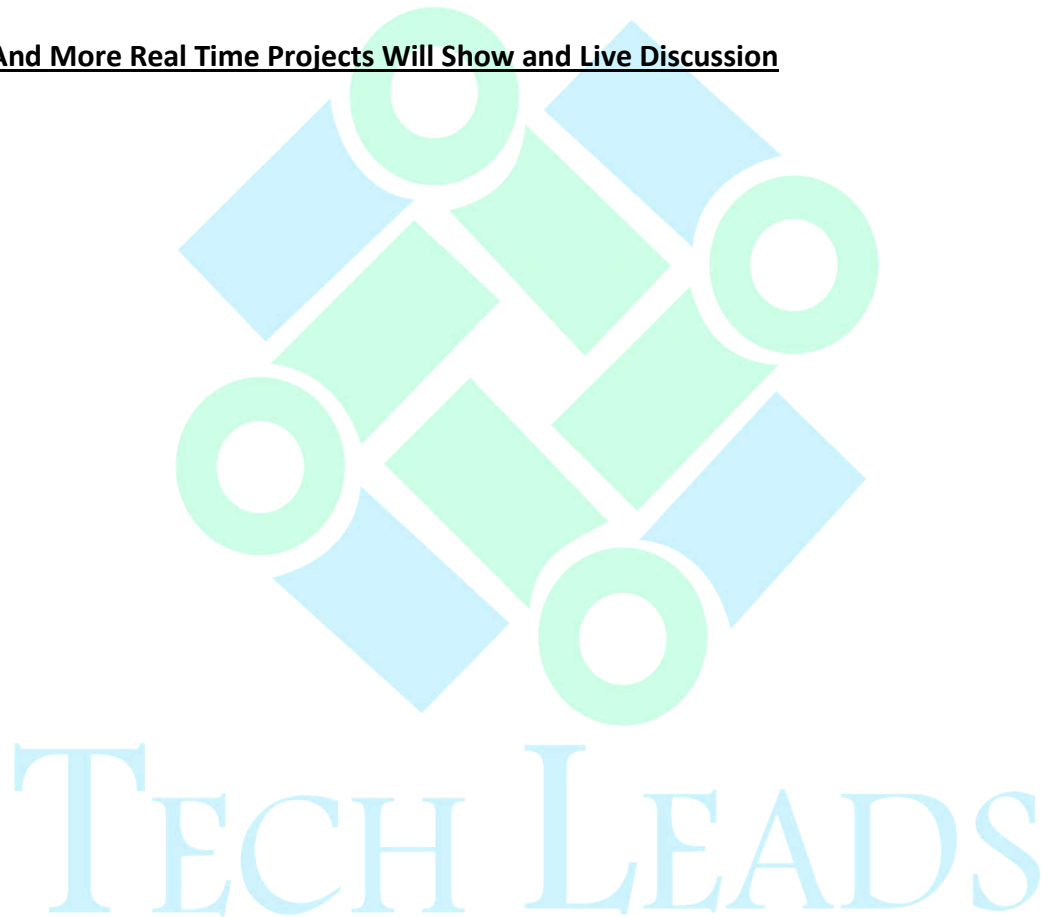
11. OAF Advanced Exercises

- ➢ More on Lov (Multi Select and Message Lov Choice)

- ➢ Display **Flex Fields(DFF and KFF).**

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- ➢ Real Time Example on **Train Region**.

- ➢ Real Time Example on **HGrid**.

- ➢ Real Time Example on **Switcher**.

- ➢ Real Time Example on **Subtabs.**

- ➢ Calling **XML/BI Publisher Report from OAF page**.

FAQ'S   And More Real Time Projects Will Show and Live Discussion

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