SAP UI5

SAP UI5 TRAINING SCHEDULE

- ➢ **20 HOURS THEORY**

- ➢ **20 HOURS PRACTICAL.**

- ➢ **2LIVE PROJECTS**

SESSION 1

Familiarity with FOUNDATION concepts.

➢HTML5
  Semantics, Selectors
  Exercise

➢CSS3
  Rules
  Box Model
  Exercise

➢**BROWSER DEVELOPER TOOLS**

SESSION 2

Familiarity with FOUNDATION concepts.

➤BASIC JAVASCRIPT
    Core JavaScript   ➤DOM Manipulation
    Functions in JavaScript
    Exercise   ➤Exercise

➤JAVASCRIPT OOP
    Objects in JavaScript
    Events in JavaScript

Familiarity with FOUNDATION concepts.

➢INTRO TO AJAX, JQUERY

➢DATA STRUCTURES
    JSON
    ATOM
    XML

➢REST & HTTP

Familiarity with FOUNDATION concepts.

- ODATA.
  Service Document
  Service Metadata Document

- ODATA QUERIES

- ANOTATIONS

- EXERCISE

SESSION 5

Familiarity with SAP UI5 concepts.

➢UI5 APP LANDSCAPE

➢UI5 APP ARCHITECTURE

➢UI5 Libraries & Namespaces

➢UI5 Object hierarchy

➢UI5 functions

➢DEMO KIT

Familiarity with SAP UI5 concepts.

➢Simple Ui5 App.
   JavaScript View
   XML view
   JavaScript Controller

➢MORE SIMPLE CONTROLS

➢EXERCISE

Familiarity with SAP UI5 concepts.

- ➢ **SIMPLE UI5 APP -TEMPLATE**

- ➢ **DIRECT VIEW ACCESS**

- ➢ CUSTOMIZE WITH LAYOUT EDITOR

- ➢ LIST & LISTITEMS

- ➢ CLIENT SIDE MODELS

  - ➢ XML

  - ➢ JSON

Familiarity with SAP UI5 concepts.

- ➢ **SIMPLE UI5 APP -TEMPLATE**

- ➢ **UI COMPONENT ACCESS**

- ➢ CUSTOMIZE WITH LAYOUT EDITOR

- ➢ LIST & LISTITEMS

- ➢ CLIENT SIDE MODELS

   - ➢ XML

   - ➢ JSON

Familiarity with SAP UI5 concepts.

➢ **SIMPLE UI5 APP -TEMPLATE**

➢ **UI COMPONENT ACCESS** REMOTE

➢ **REMOTE ACCESS**:

    GWSAMPLE_BASIC

    GWDEMO

    RMTFLIGHT

    NORTHWIND

    ODATA.ORG

SESSION 10

Familiarity with SAP UI5 concepts.

GWSAMPLE_BASIC/PRODUCTSET

- SORT & GROUPING

- ICONTAB

- ICON TABFILTERS

REPLICATE IN :

- **RMTFLIGHT**

- **NORTHWIND**

Familiarity with SAP UI5 concepts.

GWSAMPLE_BASIC/PRODUCTSET

➢TOOLBARS

➢SEARCH FIELD

SEARCH EVENT

FILTER

➢TRACE IN BROWSER

REPLICATE IN :

➢**RMTFLIGHT**

➢**NORTHWIND**

Familiarity with SAP UI5 concepts.

GWSAMPLE_BASIC/PRODUCTSET

- DEVICE MODEL
- DEVICE ORIENTATION

REPLICATE IN :
- RMTFLIGHT
- NORTHWIND

Familiarity with SAP UI5 concepts.

GWSAMPLE_BASIC/PRODUCTSET

➢SIMPLE FORMATTING

➢CUSTOM FORMATTERS

REPLICATE IN :

➢RMTFLIGHT

➢NORTHWIND

Familiarity with SAP UI5 concepts.

GWSAMPLE_BASIC/PRODUCTSET

➢LISTITEM SELECTION

➢ELEMENT BINDING

REPLICATE IN :

➢**RMTFLIGHT**

➢**NORTHWIND**

Familiarity with SAP UI5 concepts.

GWSAMPLE_BASIC/PRODUCTSET

➢ACCESSING RELATED ENTITIES

REPLICATE IN :

  ➢**RMTFLIGHT**

  ➢**NORTHWIND**

Familiarity with SAP UI5 concepts.

GWSAMPLE_BASIC/PRODUCTSET

- VIEW BASE MODEL
- NESTING
- FRAGMENTS

REPLICATE IN :
- **RMTFLIGHT**
- **NORTHWIND**

Familiarity with SAP UI5 concepts.

GWSAMPLE_BASIC/PRODUCTSET

- QUICK FILTERS
- ENTITY COUNT
- FACET FILTER

REPLICATE IN :

- **RMTFLIGHT**
- **NORTHWIND**

Familiarity with SAP UI5 concepts.

GWSAMPLE_BASIC/PRODUCTSET

- ➢DIALOGUES
  - ➢DYNAMIC
  - ➢USING FRAGMENT
  - ➢RESPONSIVE POPOVER

REPLICATE IN :
- ➢**RMTFLIGHT**
- ➢**NORTHWIND**

SESSION 19

Familiarity with SAP UI5 concepts.

GWSAMPLE_BASIC/PRODUCTSET

- NAVIGATION
- ROUTING
- SINGLE TARGET
- MULTI TARGET

REPLICATE IN :

- RMTFLIGHT

- NORTHWIND

SESSION ++

Familiarity with ADDITIONAL SAP UI5 concepts.

GWSAMPLE_BASIC/PRODUCTSET

- FACTORY FUNCTION BINDING
- LIST REPORT APPLICATION
- CUSTOM UI5 OBJECT
- CUSTOM UI5 CONTROL
- EXTENDED UI5 CONTROL

REPLICATE IN :

- **RMTFLIGHT**
- **NORTHWIND**

Training Imparted By: MICHAEL DEVINE –HCP DEVELOPER

SESSION 20

Familiarity with SAP UI5 concepts.

FIORI WORKLIST TEMPLATE

➢CUSTOMIZE WORKLIST

➢CUSTOMIZE TRANSLATABLE TEXT

➢CUSTOMIZE OBJECT VIEW

REPLICATE IN :

➢**RMTFLIGHT**

➢**NORTHWIND**

Familiarity with SAP UI5 concepts.

FIORI WORKLIST TEMPLATE

TESTING:
   MOCK SERVER
   UNIT TEST
   OPA TEST

REPLICATE IN :

➢**RMTFLIGHT**

➢**NORTHWIND**

Familiarity with SAP UI5 concepts.

FIORI WORKLIST TEMPLATE

IMPLEMENT

- **ADD**

- **EDIT**

- **DELETE**

REPLICATE IN :

- **RMTFLIGHT**

- **NORTHWIND**

Familiarity with SAP UI5 concepts.

FIORI WORKLIST TEMPLATE

➤EXECUTE FROM FIORI LAUNCH PAD

➤DEPLOYMENT IN HANA CLOUD

REPLICATE IN :

➤**RMTFLIGHT**

➤**NORTHWIND**

SESSION 23

Familiarity with SAP UI5 concepts.

FIORI MASTER-DETAIL TEMPLATE

CUSTOMIZE TEXT

CUSTOMIZE DETAILS VIEW

ADD NAVIGATION

REPLICATE IN :

➤ RMTFLIGHT

➤ NORTHWIND

Familiarity with SAP UI5 concepts.

PROJECT 1:WORKLIST APPLICATION

Familiarity with SAP UI5 concepts.

PROJECT 2:MASTER-DETAIL

Training Imparted By: *MICHAEL DEVINE –HCP DEVELOPER*