**SAP Flight Details MINI PROJECT**

**(Sprint 1)**

**Online Travel Portal**

**TABLE OF CONTENTS**

|  |  |  |  |
| --- | --- | --- | --- |
| **Serial Number** | **Topic Name** | **Content** | **Page No.** |
| 1. | Introduction | 1.1 Setup checklist for mini project | 3 |
|  |  | 1.2 Instructions | 3 |
| 2. | Problem statement | 2.1 Objective | 3 |
|  |  | 2.2 Abstract of the project | 3 |
|  |  | 2.3 Functional components of the project | 4 |
|  |  | 2.4 Technology used | 6 |
| 3. |  | 3.1 Guidelines on the functionality to be built | 6 |
| 4 | Evaluation | 4.1Evaluation | 7 |

**1. Introduction**

The document is based on a mini project to be created based on CDS/ODATA for a Online Travel Portal specialized on International Travel. The Company is about to implement SAP Fiori as an UX for its internal employee . Its important for them to carry out a POC before implementing Fiori Solution

**1.1 Setup Checklist for Mini Project**

Minimum System Requirements

* Physical Memory (RAM) - 1GB Minimum
* Virtual Memory - Double the amount of RAM
* Disk space - Total 5 GB
* Processor - 550 MHz minimum
* SAP Eclipse with ADT
* Access to SAP GUI

**1.2 Instructions**

* Follow standards while coding
* You can refer to your course material.
* Maintain the code.

**2. Problem Statement**

**2.1 Objective**

The Project is to create a Fiori App ( Preview only ) from the CDS using Restful ABAP Programming Model . Apart from the app it is important to build multiple CDS views with Association ( Ad hoc & Exposed ) and published as an ODATA.

**2.2 Abstract of the Project**

We are leading Online Travel Portal with best in class Travel booking solution for international travel

You are going to design the metadata for the app using ODATA/CDS

The Online Travel portal company is already running on S/4 HANA implemented 1 year back . However They would like to revamp the UX . All the data are already maintained in the S/4 Hana System . To develop the Fiori UI the metadata need to be in place with the help of ODATA & CDS . Once Successfully implemented the Business Logic later it can be consumed in the Fiori UI

**2.3 Functional components of the project**

This project will be done in 3 parts:

**Part -1 :**

Implement the Business Logic Using ODATA to get the following information from the database table – Flight Date , Connection ID , Carrier ID , bookid , order date .

**Part 2:**

Use the RFC & DDIC import feature to create a project in SEGW to get the same data mentioned above in part 1 .

**Part 3:**

Create a Gateway project to get the same data mentioned in Part -1 manually creating properties and navigation

**2.4 Technology/Tools Used :**

Eclipse with ADT

SAP S/4 HANA

SAP GUI

**3. Implementation OF ODATA and CDS Based Odata:**

**3.1 Guidelines on the functionality to be built :**

• Use the standard SAP Table – Sbook , Sflight , SCarr etc

• Check the structure of the table

• Create Project in Eclipse to implement the CDS

• Create Project in Gateway to get the metadata

**4 Evaluation and assessment parameters:**

**4.1 Evaluation**

• Evaluation will be done at the end of SAP UI5 training

* Total Marks: 100
* Marks Distribution mentioned below 

This Mini project will be done individually. Implement the Software development life cycle for the project and develop code for the respective functionality. Evaluation will be done using online presentation mode, where participant will present their work.

This project shall be evaluated in two parts:

* Marks distribution is for design, coding, implementation and testing for all three parts of project for evaluation (Marks: 90)
* Project Presentation is another part of project evaluation (Marks: 10)