**SAP Product - Supplier Details**

**Flight Details**

**MINI PROJECT**

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**1. Introduction**

The document is based on a mini project to be created based on CDS/ODATA/UI5 for a Company would like to get details about its products and suppliers

**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
* Access to BAS & launchpad service

**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 find Product Details./ Supplier Details/Category details for a specific sales order . To simplify the process , develop a master details applications using the northwind odata service

**2.2 Abstract of the Project**

One of the leading manufacturing company would like to simplify their vendor portal . To simplify the process they would like to simplify the Sales Order – Supplier details process .

**2.3 Functional components of the project**

This project will be done in 3 parts:

**Part -1 :**

Before implementing the process business would like to see a prototype of the application . The prototype should clearly describe the project functionality & behavior with all possible details .

**Part 2:**

Once the prototype is approved by business a project flow chart need to be created . Based on the prototype and the flow chart the application need to be developed accordingly . The application should show all the Sales Order in the database . Based on the Sales order selection system should show all the products of the sales order . It is also important to search and filter sales order .

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**Part 3:**

Create a CDS based project to preview the flight details in a list report application . The application should have the feature like searching & filter . It is also important the app display the details of the flights in the object page in the group header and in the faceet.

**2.4 Technology/Tools Used :**

Eclipse with ADT

SAP S/4 HANA

SAP GUI

SAP BAS

**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

* Create project using BAS
* Consume northwind odata service

**4 Evaluation and assessment parameters:**

**4.1 Evaluation**

• Evaluation will be done at the end of Oracle 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)