**SAP Fiori Case Study**

**Springhill Mine UX Simplification**

**TABLE OF CONTENTS**

|  |  |  |  |
| --- | --- | --- | --- |
| **Serial Number** | **Topic Name** | **Content** | **Page No.** |
| 1. | Introduction | 1.1 Setup checklist forproject | 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. | Implementation of SAP Fiori UX | 3.1 Guidelines on the functionality to be built | 6 |
| 4 | Evaluation | 4.1Evaluation | 7 |

**1. Introduction**

This document outlines a project for the Springhill Mine Company. The project is to simplify the UX for better user adaptability using SAP Fiori. This document contains information about the attributed that will be participating in the system and guidelines about reports.

**1.1 Setup Checklist for Mini Project**

Minimum System Requirements

* SAP S/4H 1909
* SAP BAS
* SAP BTP
* SAP Build
* Theme Designer

**1.2 Instructions**

* Follow standards while coding
* Create Projects by your name## ( ## = last two digit of employee ID) in BAS. In this directory, create a subdirectory MiniProject. Store your Project here.
* You can refer to your course material.

**2. Problem Statement**

**2.1 Objective**

The project is to design the Oracle EBS AOL objects, create forms or web page , design database, create package and generate reports related to College Management System.

**2.2 Abstract of the Project**

Springhill Mine company is the flagship company of the United – Pacific group , engaged in mining across the globe. The company is running on SAP ECC since 2003 . As a recent upgradation plan of the system they will upgrade the SAP system to S/4H 1909 Embedded and would revamp the UX for better adaption . Presently they are on SAP NW Portal 7.31 which is the single point of access for SAP & non SAP Applications .

As the portal spread across the company and the primary access point for more than 10000 users for internal applications , customer would like to have a prototype first to understand the capability of the SAP Fiori tools before taking the decision , followed by a POC for two 2-3 apps to simplify the UX

**2.3 Functional components of the project**

This project will be done in 3 parts:

**Part -1 :**

Design the working prototype of a report to collate the information for different locations where the mining company has performed a drill last six months and the outcome of the drill . The report should contain the following fields

Location ID , Location Description , Mining Resource allocated , Total cost , Report of possible mineral from the location. Each location should display the number of drill performed in that specific location and the type of mineral from that location.

**Part 2:**

1. Create a Fiori POC for the travel management system of the company using ABAP ODATA . The app should display the flight connection details in the detail section of the app . Standard RFCs can be used for this purpose
2. The application should have the functionality of Filter , Sort & value help as a dialog
3. The app named as “ Manage Booking” must have a facility to book ticket in the system along with the details to analyze the flight booking statistics.

**Part 3:**

Create an app using the JSON Model . The app should display a list with all possible location and on selection of the location it should display the details of the mining operation performed for that specific location including resources , cost , man days , probability of the positive outcome for that location .

**Part 4:**

Create Tile in Launchpad Service in BTP ( URL & WDA ) from the ES5 system and create the same in the FLPD on prem S/4H system.

**3. Implementation in RDBMS and Oracle EBS:**

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

• Create Tables in the S/4H system if it is necessary

• Create a CDS , Behavior Definition for the RAP model

• Create JSON inline/ External wherever it is necessary

• Use proper layout for better adaptability

• Use of Theme Designer is suggestable however not mandatory

• Try to deploy the app in on prem / BTP and create catalog/tile/Role/Group accordingly

**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 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)