

# openSAP course Build Your Own SAP Fiori App in the Cloud – 2016 Edition

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### 1. THE STORY

The handling of travel expenses is done by a Software as a Service (SaaS) Solution. There is more than one interface from this central instance to several ERP Systems. These systems are not harmonized. Therefore a value mapping is required between the different local systems and the central cloud solution.

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This mapping table was implemented on the interface hosting system (PI Instance), based on the assumption of a low level mapping.

But the truth came up after the first waves, the number of mappings increased by factor 10, so this technically mapping needs to be handed over to the business users, who have the knowledge to do the mapping. So this business user needs a simple application to control and maintain the value mapping.

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Segmentation: FI/CO area, which effects travel expenses

Targeting: business experts in the travel expense handling

Positioning: The actual mapping is a string converter. One string in, one string out. This string contains several parameters. The app will split up these parameters and allow an easy maintenance

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### 3. POINT OF VIEW

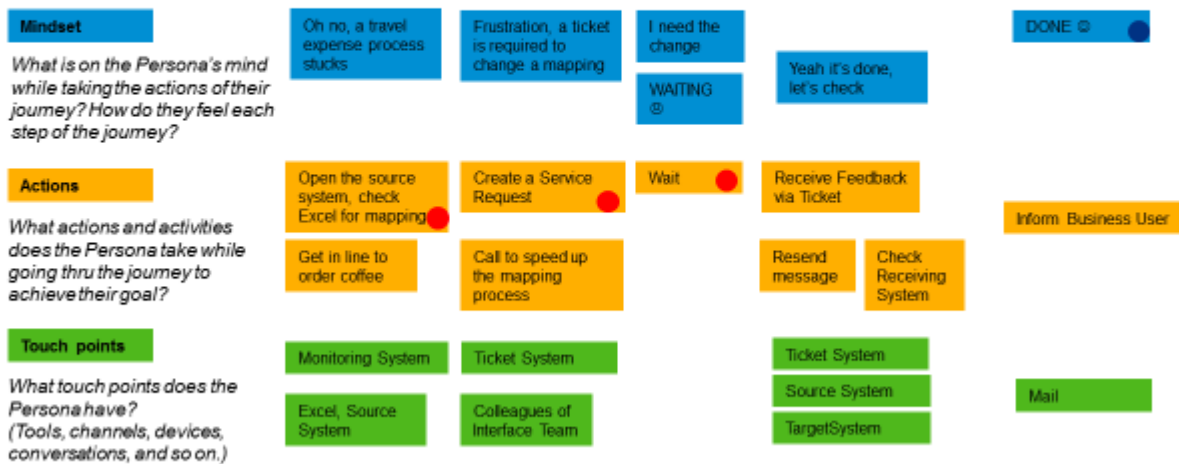
Manuel, the Expert needs a simple way to check and modify the value mapping for travel expenses so that he can focus on delivering more important services to the company.

### 4. USER EXPERIENCE JOURNEY

## Introduction to Design Thinking

### User Experience Journey 2

#### Current User Experience Journey



### 5. BUILD

#### 5.1 Mockup

[https://standard.experiencesplash.com:443/api/projects/f1bcc8da842275160baa01db/prototype/snaps/hot/latest/index.html/#/1457991780288\\_S0](https://standard.experiencesplash.com:443/api/projects/f1bcc8da842275160baa01db/prototype/snaps/hot/latest/index.html/#/1457991780288_S0)

#### 5.2 Study

<https://standard.experiencesplash.com/home/projects/f1bcc8da842275160baa01db/research/participant/096ca6248ac1acef0bac99fe>

##### 1. List View Mockup

| Mapping                                  |              |  |                         |              |
|--|--------------|--|-------------------------|--------------|
| Company                                  | Country      | Virtual Code                           | GL Account              | Reset Search |
| ATYY                                     |              |  |                         |              |
| ATZZ                                     |              |  |                         |              |
| Country                                  | Virtual Code | Name                                   | GL Account / ERP System |              |
| <input type="checkbox"/> ATZZ<br>Austria | 001BUS       | Business Meals                         | 15415000<br>ERP1        | >            |
| <input type="checkbox"/> ATZZ<br>Austria | 002ITE       | Items for medical usage                | 42<br>ERP1              | >            |
| <input type="checkbox"/> ATZZ<br>Austria | 003MAR       | Marketing non medical - CH             | 42<br>ERP1              | >            |
| <input type="checkbox"/> ATZZ<br>Austria | 004SHO       | Shop food                              | 42<br>ERP1              | >            |
| <input type="checkbox"/> ATZZ<br>Austria | 011AIR       | Airfare                                | 15400000<br>ERP1        | >            |
| <input type="checkbox"/> ATZZ<br>Austria | 012AIR       | Airline Fees / Agency Transaction Fees | 15400000<br>ERP1        | >            |
| <input type="checkbox"/> ATZZ<br>Austria | 013CAR       | Car Maintenance/Repairs                | 16012000<br>ERP1        | >            |
| <input type="checkbox"/> ATZZ            | 014CAR       | Car Rental                             | 15402000                | >            |

## 2. Item View Mockup

GL Account

ID: ATZZ001BUS

Country: Austria ▼

Company: ATZZ ▼

Name: Business Meals

Virtual Code: 001BUS

GL Account: 15415000

ERP: ERP1 ▼

Save

## 6. WEB IDE

### List View Web IDE

Mapping Tool Search for items in the list

Standard ⊙
Hide Filter Bar Filters Go

Type: ▼

ERP: ▼

Country: ▼

Company: 🔍

GL Account  
 VAT Taxes

| <input type="checkbox"/> Type      | Key       | Name | Company | ERP System | Input         | Output | Delete + ⚙️ 🔄 |
|------------------------------------|-----------|------|---------|------------|---------------|--------|---------------|
| <input type="checkbox"/> VAT Taxes | 10AT100TR |      | AT10    | SAP Tempo  | AT1010AT100TR | I1     | >             |
| <input type="checkbox"/> VAT Taxes | 13AT100TR |      | AT10    | SAP Tempo  | AT1013AT100TR | I3     | >             |
| <input type="checkbox"/> VAT Taxes | 20AT100TR |      | AT10    | SAP Tempo  | AT1020AT100TR | I2     | >             |
| <input type="checkbox"/> VAT Taxes | non-recl  |      | AT10    | SAP Tempo  | AT10non-recl  | I0     | >             |
| <input type="checkbox"/> VAT Taxes | FOREIGN   |      | AT10    | SAP Tempo  | AT10FOREIGN   | XX     | >             |
| <input type="checkbox"/> VAT Taxes | 10AT100TR |      | AT40    | SAP Tempo  | AT4010AT100TR | I1     | >             |
| <input type="checkbox"/> VAT Taxes | 13AT100TR |      | AT40    | SAP Tempo  | AT4013AT100TR | I3     | >             |
| <input type="checkbox"/> VAT Taxes | 20AT100TR |      | AT40    | SAP Tempo  | AT4020AT100TR | I2     | >             |
| <input type="checkbox"/> VAT Taxes | non-recl  |      | AT40    | SAP Tempo  | AT40non-recl  | I0     | >             |
| <input type="checkbox"/> VAT Taxes | FOREIGN   |      | AT40    | SAP Tempo  | AT40FOREIGN   | XX     | >             |
| <input type="checkbox"/> VAT Taxes | 10AT100TR |      | ATB1    | AS 400     | ATB110AT100TR | V10    | >             |
| <input type="checkbox"/> VAT Taxes | 13AT100TR |      | ATB1    | AS 400     | ATB113AT100TR | V13    | >             |
| <input type="checkbox"/> VAT Taxes | 20AT100TR |      | ATB1    | AS 400     | ATB120AT100TR | V20    | >             |
| <input type="checkbox"/> VAT Taxes | non-recl  |      | ATB1    | AS 400     | ATB1non-recl  | V0     | >             |

### Details View Web IDE

SAP
Search for items in the list
🔍
Default User ▼

Mapping Edit Delete 🔄

10AT100TR

Type: VAT Taxes

GENERAL INFORMATION

**General Information**

Type: VAT Taxes

Key: 10AT100TR

Name:

**Local Information**

ERP System: SAP Tempo

Country: AT

Company: AT10

**In- & Output**

Input: AT1010AT100TR

Output: I1

## Edit Mode

SAP Mapping Search for items in the list Default User

10AT100TR

GENERAL INFORMATION

|   |   |  |
|---|---|--|
| <b>General Information</b>                      | <b>Local Information</b>                              | <b>In- &amp; Output</b>                              |
| Type:<br><input type="text" value="VAT Taxes"/> | ERP System:<br><input type="text" value="SAP Tempo"/> | Input:<br><input type="text" value="AT1010AT100TR"/> |
| Key:<br><input type="text" value="10AT100TR"/>  | Country:<br><input type="text" value="AT"/>           | Output:<br><input type="text" value="11"/>           |
| Name:<br><input type="text"/>                   | Company:<br><input type="text" value="AT10"/>         |  |

Delete Save Cancel

## 7. VIDEO

YouTube Video

<https://youtu.be/YdhZboYigcg>