

Story

Background

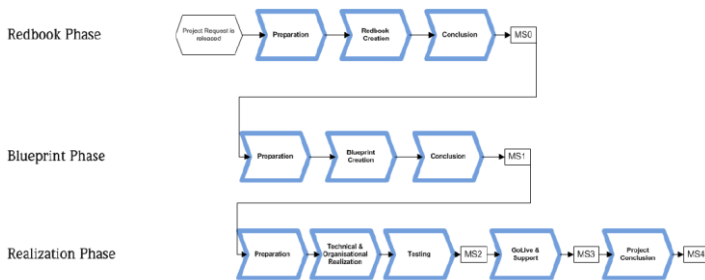
Many companies have experienced Very High Cost Savings in the area of Office Personnel, Lower Inventory Levels, More accurate Proposals, Faster Proposal Generation, and Streamed-Lined Businesses when using a Project System (PS). With project management playing an increasingly stronger role in business activity as a way to compete more efficiently and effectively, a Project System has gained in importance.

Segmentation

Companies using SAP have a Project System already onboard. The SAP Project System is a core module within the SAP ERP solution that manages the execution of investment, operational, sales and maintenance projects which are unique, complex in nature with a certain degree of risk and precise goals. Projects in PS can be limited in duration, cost and can be capacity intensive while being subject to quality control and strategic importance to the company's core business or ambitions. Projects in SAP are cyclical by nature with predefined start and end dates with the ability to show progress and whether the project team is on track to meet its goals at any stage in the cycle. Projects are designed in a Work Breakdown Structure (WBS) format and are hierarchical in nature which enables for the execution of large and more complicated project requirements.

Targeting

We at our company are using the SAP PS extensively. It supports our planning process in all phases:



Positioning

An essential part is the assignment of resources to the WBS Elements of a project. Because we are living this part as a vital process, changes often happens. This is knowingly not supported by a dedicated electronic workflow. Rather the involved persons using telephone and emails to request a change of the assignment of persons to projects.

This can be very time consuming, because the requester of a change does often neither knows the internal number of a project nor the user Id of a resource. We want to support the requirement of flexible and fast assignment of persons to projects.

Persona



Jessica

Team Assistant

“The question isn’t who is going to let me; it’s who is going to stop me.”

ABOUT

46, married, 14 Assistant to Head of Sales & Order Processing

Providing administrative support to professionals, either as part of a team or individually. This role plays a vital part in the smooth-running of out daily businesses .

Keep moving forward

WORKS WITH

Area Managers, Heads of Department, Developers

JOB RESPONSIBILITIES

- I am responsible for booking business trip.
- I am responsible for maintaining project data.
- I spend the most time in the office.
- Word processing and letter typing.

NEEDS

- I need fast access to the project builder.
- I need a fast cross-application tool for recording working times and tasks other persons.
- I need a quick information system, which allows me to obtain an overview of the data entered in the time sheet .

MAIN GOALS

- Providing administrative support to professionals, either as part of a team or individually. This role plays a vital part in the smooth-running of out daily businesses.
- Arranging travel and accommodation for staff or customers and other external contacts.

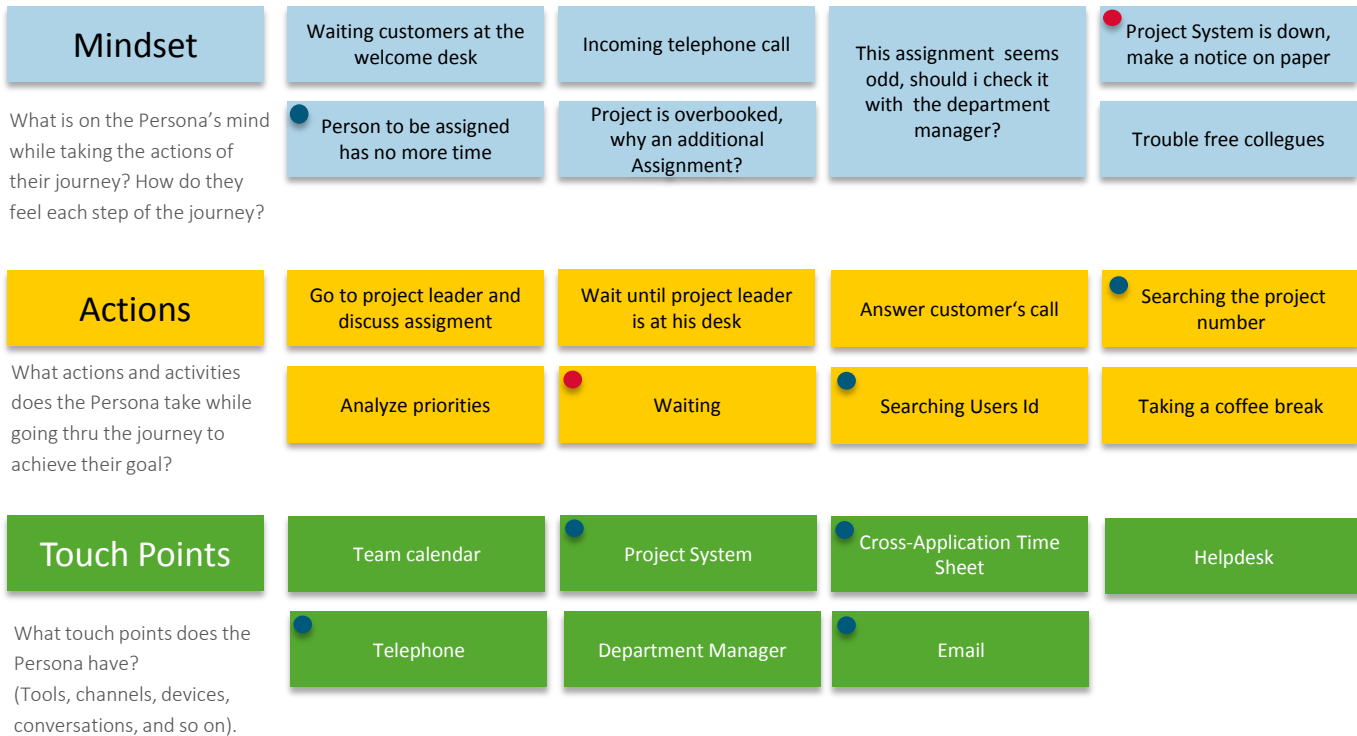
PAIN POINTS

- Can’t fast record assignments of persons to projects.
- The timesheet entry is very complex, and very time consuming.
- Need to see the monthly view people assignments to projects.
- Need the ability to bulk enter.

User Experience Journey

A snapshot on the months end (duration: ~ 15 minutes)

There is a tight integration of the SAP Cross-Application Time Sheet to the SAP Project System



Legend

- Pain Points
- Fail Points

Point of View

Jessica, the Team Assistant needs a way to quickly assign persons to projects, so that she can concentrate on her main job responsibilities.

Mockup

L i n k : <https://youtu.be/BL0iUSQgnGc>

Mockup has been updated to reflect incorporated peer assessment review. I have tried to implement the functionality of adding an user to a project on a modal view to increase the user experience. Also the color of the tabbar icons reflect the count of assignments.

SAP Web IDE App Prototype

Link : <https://youtu.be/arUq6mCEdT4>

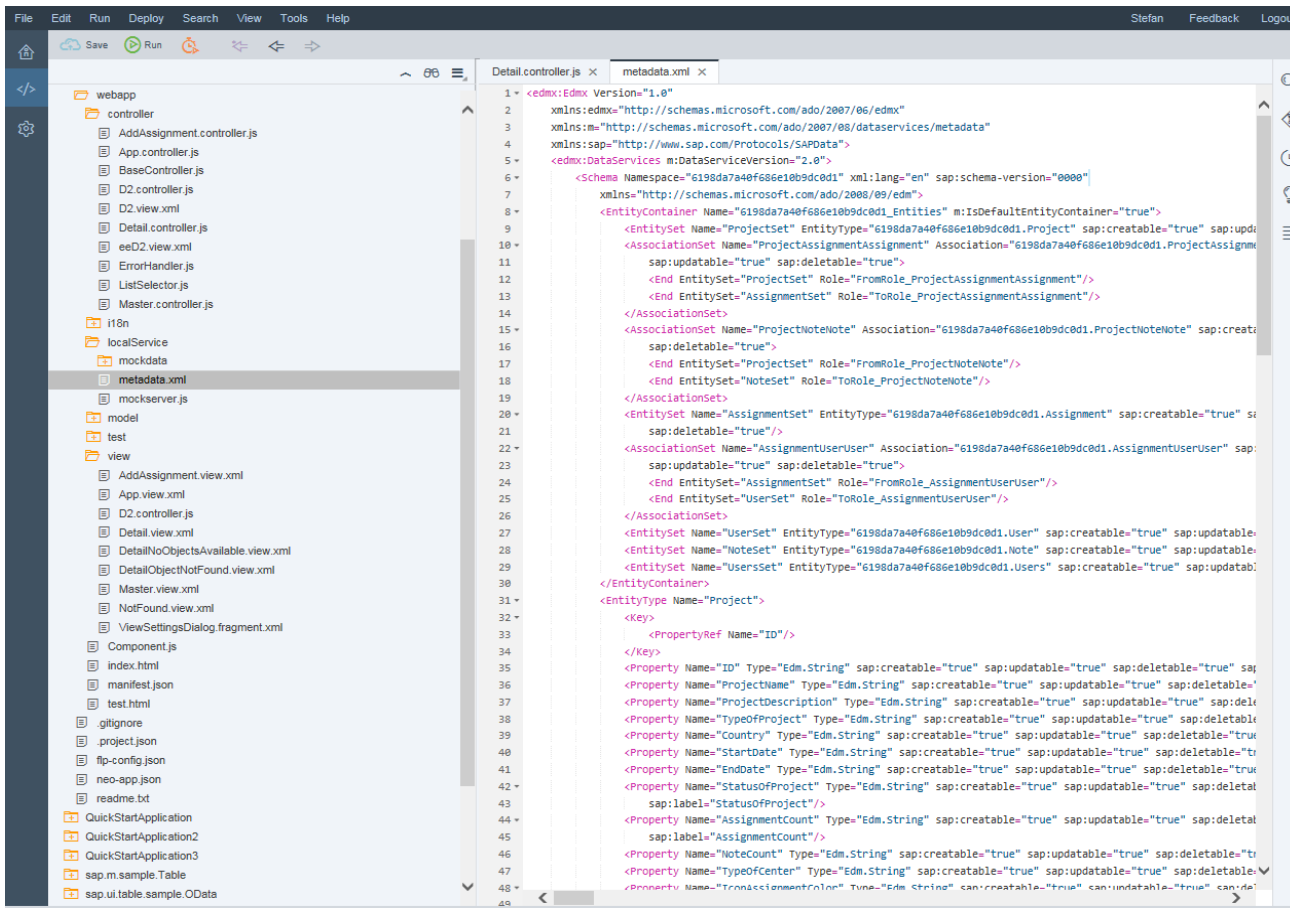
App Prototype reflects the (changed) Mockup nearly one to one.

Chosen layout is a master-detail view. Data are mockup data.

The master view layout has been enhanced contrary to the generated layout. Also the coloring depends on the project status.

On the detail side, the coloring of the tabbar icons depends on the number of depending items.

The dialog to add an user has been implemented as a modal popup.



```
1 <!-- Edmx Version="1.0" -->
2 xmlns:edmx="http://schemas.microsoft.com/ado/2007/06/edmx"
3 xmlns:m="http://schemas.microsoft.com/ado/2007/08/dataservices/metadata"
4 xmlns:sap="http://www.sap.com/Protocols/SAPData"
5 <edmx:DataServiceVersions m:DataServiceVersion="2.0">
6
7 <Schema Namespace="6198da7a40f686e10b9dc0d1" xml:lang="en" sap:schema-version="0000"
8 xmlns="http://schemas.microsoft.com/ado/2008/09/edmx">
9 <EntityContainer Name="6198da7a40f686e10b9dc0d1_Entities" m:IsDefaultEntityContainer="true">
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11 sap:updatable="true" sap:deletable="true">
12 <End EntitySet="ProjectSet" Role="FromRole_ProjectAssignmentAssignment"/>
13 <End EntitySet="AssignmentSet" Role="ToRole_ProjectAssignmentAssignment"/>
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16 sap:deletable="true">
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22 <AssociationSet Name="AssignmentUserUser" Association="6198da7a40f686e10b9dc0d1.AssignmentUserUser" sap:updatable="true"
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29 <EntitySet Name="UsersSet" EntityType="6198da7a40f686e10b9dc0d1.Users" sap:creatable="true" sap:updatable="true" sap:deletable="true"/>
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31 <EntityType Name="Project">
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33 <PropertyRef Name="ID"/>
34 </Key>
35 <Property Name="ID" Type="Edm.String" sap:creatable="true" sap:updatable="true" sap:deletable="true" sap:isrequired="true"/>
36 <Property Name="ProjectName" Type="Edm.String" sap:creatable="true" sap:updatable="true" sap:deletable="true" sap:isrequired="true"/>
37 <Property Name="ProjectDescription" Type="Edm.String" sap:creatable="true" sap:updatable="true" sap:deletable="true" sap:isrequired="true"/>
38 <Property Name="TypeOfProject" Type="Edm.String" sap:creatable="true" sap:updatable="true" sap:deletable="true" sap:isrequired="true"/>
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51 sap:label="TransAssignmentColor"/>
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```

Projects (10)
Project

Suchen

- 3
G-400025
Further Development Intranet
Group Project - worldwide
on-going
- 2
G-400037
Target process ESO SC's
Group Project - worldwide
on-going
- 1
G-610076
Network Admission Control
Group Project - worldwide
on-going
- 3
I-071400
Single Order
Customer Project - Italy
on-going
- 1
I-103802
Upgrade ERP ECC 6.0
Customer Project - Turkey
on-going
- 1
I-401016
Video Conferencing, Chatroom
Customer Project - Germany
on-going
- 4
I-611031
Enhanced Home Office
Customer Project - Germany
on-going
- 3
I-613100
LAN Security

Start Date: 01.04.2016
End Date: 31.12.2016

3
 0

Assignments of current month +

First Name	Last Name
Janis	Cetera
Stephane	Mugler
Jay	Bibb

G-400025
Group Project

Group: worldwide
on-going

Save
Cancel

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Project

Suchen

- 3
G-400025
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Customer Project - Germany
on-going
- 3
I-613100
LAN Security

Start Date: 01.04.2016
End Date: 31.12.2016

G-400025
Group Project

Group: worldwide
on-going

Save
Cancel

Add Assignment

User

Days

Requester

Communication Type

Phone

Email

Date/Time

Remark

Hi Jessica,

could you please add John Miller to project "Further Development Intranet"?

Best regards, Jürgen

Close Cancel