

# Project Management (PS)

This case study explains the project management process in detail and thus fosters a thorough understanding of each process step and underlying SAP functionality.

## Product

SAP S/4HANA 1809  
Fiori 2.0  
Global Bike

## Level

Beginner

## Focus

Project Management

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## Version

3.3

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## MOTIVATION

In the Project Management it will be create a simple cost project, which will plan and control the development of an ultra-light racing bike.

The project will be structures using a work breakdown structure (WBS) and network activities. In the Execution phase we will post actual dates and actual costs on activities and WBS elements.

## PREREQUISITES

Before you use this case study, you should be familiar with navigation in the SAP system.

## NOTES

This case study uses the Global Bike data set, which has exclusively been created for SAP UA global curricula.

## Process Overview

**Learning Objective** Understand and execute an integrated project planning.

**Time** 140 Min.

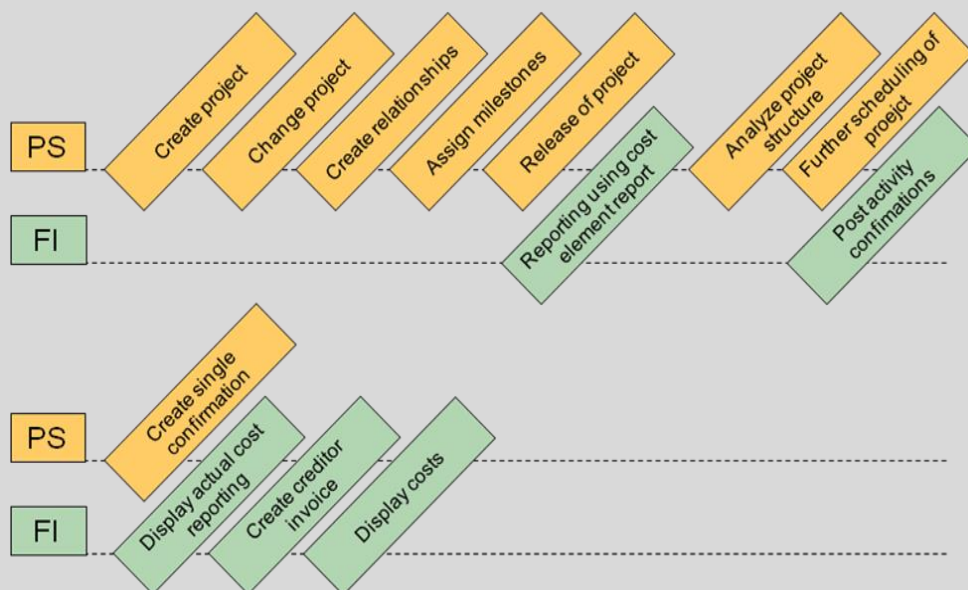
**Scenario** To edit a complete project planning process, you will take different roles in Global Bike, e.g. Production Supervisor and Cost Accountant. Overall, you will be working in the Project Management (PS) and Financial Accounting (FI) departments.

**Employees involved**

- Jun Lee (Production Supervisor)
- Jermain Kumins (Shop Floor Worker 1)
- Silvia Cassano (Accounts Payable Specialist)
- Jamie Shamblin (Cost Accountant)

At the beginning of your project you assign WBS elements, activities and milestones at Project Builder. Also, you assign milestones to your project.

In the last few steps, you create a creditor invoice for your business partner, who acts as an intermediary for the test driver and you have to pay for the entire project.



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## Step 1: Create Project

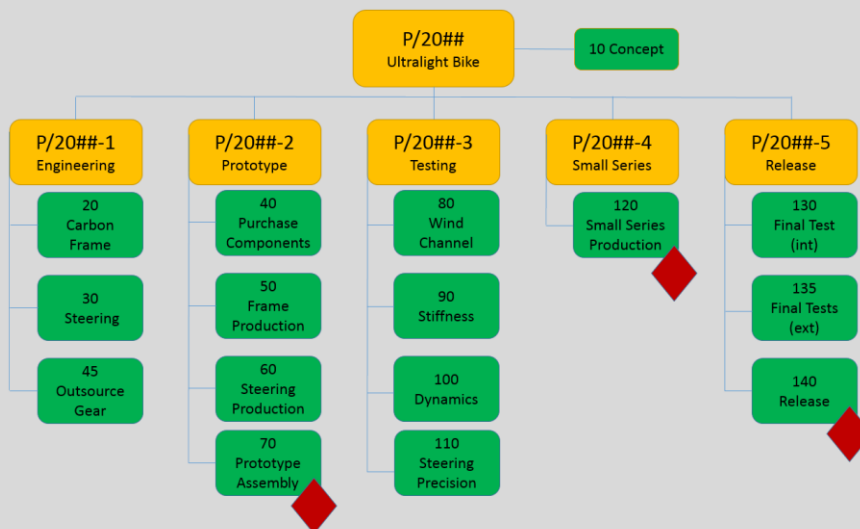
**Task** Create a new project.

**Time** 15 min

**Short Description** Use the SAP Fiori Launchpad to create a new project.

**Name (Position)** Jun Lee

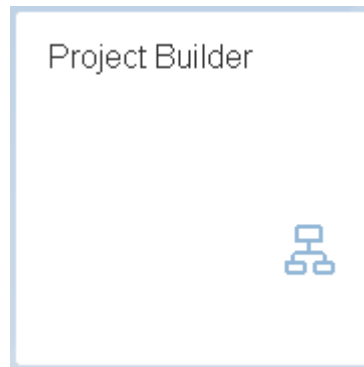
This is the Project structure of cost project P/20##, which consists of WBS elements, activities, and milestones.



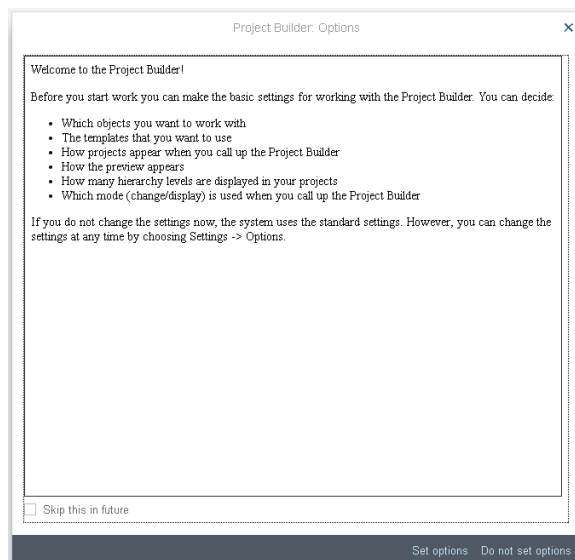
We will use the project builder to create a project “Development of Ultralight Bike”. The project consists of a work breakdown structure and network activities.

**Note** A Work Breakdown Structure (WBS) is a model of a project and shows the required project activities in a hierarchical form. The WBS forms the basis for all subsequent planning tasks in the project. Emphasis is placed on planning, analysis, description, control, monitoring of costs, basic dates, and the budget. Costs, dates, resources, and payments are planned using the activities extrapolated to specific WBS elements.

To create a project, use the app *Project Builder*.



If the following pop up occurs *Project Builder: Options*, choose **Set options**.



In the popup *Project Builder: User-specific options* enter for Hierarchy levels **99** and select **Preview last project**. Leave other fields as they are.

Confirm your entries by using the **Continue** button.

99  
X

Project Builder: User-specific options

General

Open project with

Structural display

Editing mode

Change

Hierarchy levels

99

☒ Preview last project

☐ Display deleted objects

Templates

☒ Individual objects

☒ Projects

☒ Standard templates

☐ Simulations

Processable objects

☐ Simulation

☒ Project definition

☒ WBS element

☒ Network

☒ Network activity

☒ Activity element

☒ Material Component

☒ Milestone


☒ Relationships

☒ PS text

☒ Document

Continue

Cancel

To create the project P/2###, select  and choose **Project**.

Project

**Note** Projects are tasks that have the following characteristics. Projects are usually complex and unique and involve a high degree of risk. They have precise targets that are agreed on between the contractor and the sold-to party. Projects are limited in duration and are cost and capacity intensive and involve several departments. They are subject to specific quality requirements and are of strategic significance for the business carrying them out. Projects are an integral part of the commercial processes of a business. Before you can control all the tasks that occur as part of project execution, you need a project-specific organizational form that should be in a position central to the user departments involved.

In the screen *Project Builder* enter in the field Project def. **P/2###**. Remember to replace ### with your three-digit number, e.g. 003 if your number is 003. For Text (unlabeled) enter **Development of Ultralight Bike ### (I)** and select in Project Profile **Cost projects (Europe)**. Confirm your entries by pressing Enter.

P/2###  
Development of  
Ultralight Bike ###(I)  
Cost projects (Europe)

Identification and view selection

Project def.:

P/2400

Development of Ultralight Bike 400 (I)

Detail:

Overview(s):

Basic Data

Control


Administration

Long Text

\* Project Profile:

Cost projects (Europe)

☐ Transfer to proj.def

Click on the  WBS Element Overview icon to create new WBS elements. Fill in the following data in the Project Builder screen. Please notice that the

system will deduce the project number from the entry. Special characters such as double quotes can be configured in the SAP customizing menu.

WBS element	Description	PE	Acct
"	Development of Ultralight Bike	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
" 1	Engineering	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
" 2	Prototype	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
" 3	Testing	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
" 4	Small series production	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
" 5	Release to mass production	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Again, confirm your entries by pressing Enter.

**Note** Operative indicators such as the above ("PE" and "Acct") control whether the WBS elements can be used for cost planning (Planning Element) and cost account (Account Assignment possible) purposes.


The hierarchy graphic can be used to edit the project as well. Please note, that the derivation of WBS element structure has determined the hierarchy from the number of the WBS elements. Naturally this works only for numbers, which reflect a hierarchical order and are customized by a so-called number mask.

To derive the WBS structure the number of the WBS elements choose in the pull-down menu **More ► Project ► Derive structure ► Execute**. Go to the tab *Responsibilities* to assign responsible cost centers to all WBS elements.

Menu List

Assign responsible cost centers to all WBS elements. Therefore, select the Tab Responsibilities and enter the following data.

WBS element	Resp.cost cntr
P/2###	EURD1000
P/2###-1	EURD1000
P/2###-2	EURD1000
P/2###-3	EUQM1000
P/2###-4	EUPR1000
P/2###-5	EUQM1000

Confirm your entries and save your project with .

Click on the home icon  to return to the Fiori Launchpad overview.



## Step 2: Change Project

**Task** Change the project.

**Time** 10 min

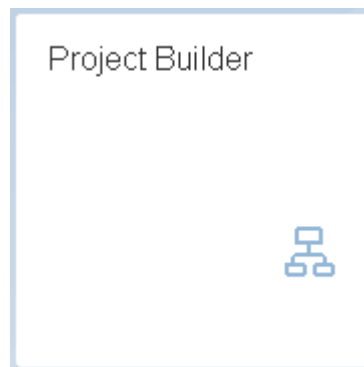
**Short Description** Use the SAP Fiori Launchpad to change the project form the task above.



**Name (Position)** Jermain Kumins

The project P/20## will be enhanced by network activities to detail the tasks of the WBS elements). Activities describe the process flow of the project. You can plan dates, resources and costs through network activities as well.



To change a project, use again the app *Project Builder*.

Fiori App



Click at . In the *Open Project* screen enter in Project Definition **P/2###** and choose .

P/2###

Use the  Overview icon. Choose the  Activity Overview icon. Enter the following data:

Activity	Description	Normal duration in days	Work in hours	Work center
0010	General concept	10	80	DVLP1000
0020	Engineering of carbon frame	5	40	DVLP1000
0030	Engineering of steering fork	2	20	DVLP1000
0040	Purchasing of components	1	5	PROC1000
0050	Production of carbon frame	2	30	ASSY1000
0060	Production of steering fork	1	10	ASSY1000
0070	Prototype assembly	8	60	ASSY1000
0080	Wind channel test	1	8	INSP1000
0090	Stiffness test	1	6	INSP1000
0100	Testing acceleration dynamics	1	5	INSP1000
0110	Testing steering precision	1	8	INSP1000
0120	Small series production	10	100	ASSY1000
0130	Final test (internal)	5	50	INSP1000
0140	Release to mass production	1	3	INSP1000



Confirm your entries by pressing Enter.

In the Branch to the activity overview of external activities create more activities. To do so use the *Ext Processing* tab. In the Activity field enter **0045** and activate the **Service** Field and enter **Outsourcing gear** in Description. Confirm your entries by pressing Enter.

0045  
Service  
Outsourcing gear

**Note** Use an externally processed activity to specify the necessary services to be provided by other companies to complete the activity. Carry out external processing through the purchasing department. Service activities are also used to procure services externally.

Use an internally processed activity to determine the output to be provided by machines or personnel to complete the activity. Evaluate the capacities of the various work centers involved, reschedule these capacities as necessary, and distribute the work among employees.


In the *Service Specification: Ext. Specs f. Task List Maintain* screen enter in the first line **10**, in the field short text **Engineering**, choose for Quant. **1**, for Unit **EA** and in Gross price **2000**.

10  
Engineering  
1 EA  
2000

In the second line enter **20**, for the short text enter **Ext. production**, choose **1** for Quant., **EA** for Unit and enter Gross price **3000**.


20  
Ext. production  
1 EA  
3000


<input type="checkbox"/>	Line	D...	...	Short Text	Quantity	Un	Gross Price
<input type="checkbox"/>	<u>10</u>	<input type="checkbox"/>		Engineering	1	EA	2000
<input type="checkbox"/>	<u>20</u>	<input type="checkbox"/>		Ext. production	1	EA	3000

Confirm your entries with Enter. Go back to the *Project Builder: Project P/2###* screen by pressing once .

On the *Prim. Costs* Tab enter for Activity **0135**, enter **Performance test by professional drivers** in Description, for Amount **10000** and **741000** for Cost Elem.

0135  
Performance test by  
professional drivers  
10000  
741000

Confirm your entries, by pressing Enter. Use the Save icon  to save your entries, confirm any messages.

Click on the home icon  to return to the Fiori Launchpad overview.



Step 3: Create Relationships

**Task** Create the relationship structure.

**Time** 15 min

**Short Description** Use the SAP Fiori Launchpad to create the relationship structure.



**Name (Position)** Jermain Kumins

So far, the activities are all assigned to the top WBS element. In addition, there are no relationships between activities, i.e. activities so far begin all to the same time. This will be changed now.



To create the relationships, use the app *Project Builder*.



Fiori App

Click at . In the *Open Project* screen enter in Project Definition **P/2###** and choose .

P/2###

In the structure tree on the left side, double click on Development of Ultralight Bike  Development of Ultralight Bike. Press the  Activity Overview Icon.

Enter the following values:

Activity	WBS Element
0010	P/2###
0020	P/2###-1
0030	P/2###-1
0040	P/2###-2
0050	P/2###-2
0060	P/2###-2
0070	P/2###-2
0080	P/2###-3
0090	P/2###-3

0100	P/2###-3
0110	P/2###-3
0120	P/2###-4
0130	P/2###-5
0140	P/2###-5

Confirm your entries with Enter.

**Note** The activities in a project describe the various steps and the work involved in them. In the Project Builder, you can create activities for WBS elements, meaning that the activities are assigned to the WBS elements and that the planned and actual data for the activities can be aggregated at the WBS element level. Activities are linked to each other by means of relationships, and this linking results in a chronological activity sequence.

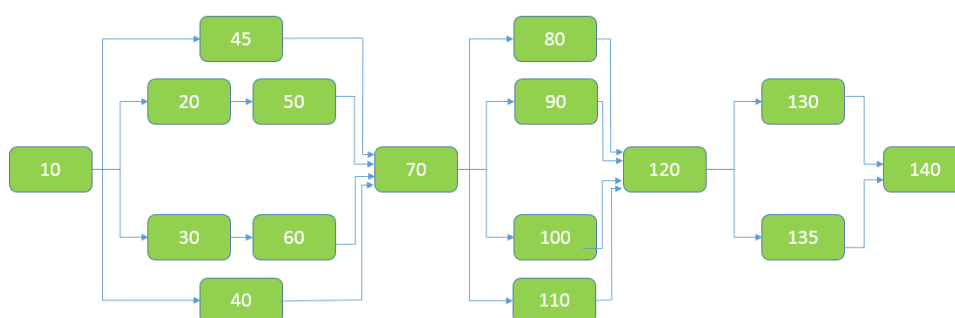
Activities also form the basis for planning the following quantity structures:

- Dates
- Costs
- Resources
- Material requirements

In the following we create the relationship structure as shown in the screen below. You can do this in the network graphic. In practice network graphic is not a good way to edit networks with more than about 10 activities, as you lose the overview.

Furthermore, network graphic is possible only for SAPGUI (for Windows). For this reason, we edit relationships in a tabular way (which is the productive way for large networks).

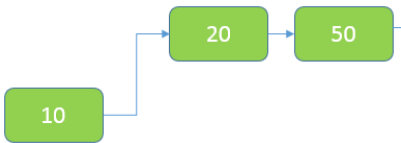
The Graphic shows the network for development of ultra light racing bike.



The following example will show to enter the relationships between activities 10, 20 and 50. Please use the same procedure to create all relationships of the image above.

As you can see in the image above as well as in the snippet below, activity number 20 is the successor of activity number 10. In addition, activity number 50 is the successor of number 20. Please keep in mind that only

direct relationships between two activities will be created. For example, no relationship between activity 10 and 50 will be entered.



Click on your activity 10 in the structure tree on the left side

General concepts

 4000060 0010 . Use the Relationship Overview button.

Since we only care about the activities 10, 20 and 50, we will only enter **20** in activity and mark it as successor by selecting the **Scs** flag. However, please keep in mind that you are supposed to create the relationships to 30, 40 and 45 in the same way later on.

20  
Scs

Mixed

Predecess

Successor

Relationships

<input type="checkbox"/>	Act.	Network	Scs	* Ty.	Intervl
<input type="checkbox"/>	20		<input checked="" type="checkbox"/>	FS	

Confirm your entries by pressing enter.

Please open the relationship overview for activity 20 as you did for activity 10. In this screen you can see that activity 10 was automatically added as a predecessor (flag Scs isn't selected).

Please enter activity **50** and mark it as successor of activity 20 by selecting the **Scs** flag and confirm your entries by pressing enter.

50  
Scs

Mixed

Predecess



Successor

Relationships

<input type="checkbox"/>	Act.	Network	Scs	* T	...	...	...	...	Operation short text
<input type="checkbox"/>	0010	4000060	<input type="checkbox"/>	...					General concepts
<input type="checkbox"/>	0050	4000060	<input checked="" type="checkbox"/>	...					Production of carbon frame

You may open the relationship overview of activity 50 to verify that activity 20 was added as predecessor.

Now populate each activity with its successors (as described in the network plan above) in the same manner. Please make sure to select Scs for each direct successor of the actual activity.

Use the Save icon  to save your entries. Click on the home icon  to return to the Fiori Launchpad overview.



Step 4: Assign milestones



<b>Task</b> Assign milestones to activities.	<b>Time</b> 10 min
<b>Short Description</b> Use the SAP Fiori Launchpad to assign milestones to activities.	
<b>Name (Position)</b> Jermain Kumins	

In the following step, we assign texts (e.g. a functional specification) to the project. We assign milestones to activities, in order to indicate important project stages.

To create the relationships, use again the app *Project Builder*.



Fiori App



Click at . In the *Open Project* screen enter in Project Definition **P/2###** and choose .



P/2###

**Note** Important project stages can be indicated and described by project milestones. Milestones are assigned either to WBS elements or to activities of the project and fulfill information and documentation purposes but can trigger business processes such as progress reporting or milestone billing in the case of sales projects. In the following we create three milestones, assigned to activities 0070, 0120, and 0140.

To assign a milestone to activity 0070 place your cursor on  Prototype assembly 4000060 0070 activity 0070 at the structure tree on the left side. Use the  Milestone Overview icon. For Usage please enter **00004** and by Description enter **Completion: prototype**. Confirm your entries with Enter.

00004  
Completion: prototype

Go to the milestone detail data. For this click on Completion: prototype.

▼  Prototype assembly	4000060 0070
 Completion: prototype	30

Complete the milestone data there. In the field Usage enter **00004**. Select **Trend analysis**, **Progress analysis** and **Offset to fin**. Leave other fields as they are and confirm your entries with Enter.

00004

Trend analysis

Progress analysis

Offset to fin

Now assign two other milestones to activities 0120 and 0140 analogously. Make sure not to assign these milestones to the same activity 0070 or, worse, to change the milestone which you just created. Finally, you should be able to display three milestones in the structure tree on the left side.

To do so, use the following data:

For the activities 0120 enter for Usage **00005** and in Description enter **Completion: small series**. Select **Trend analysis**, **Progress analysis** and **Offset to fin**.

00005

Completion: small series

Trend analysis

Progress analysis

Offset to fin

For the activities 0140 enter for Usage **00006** and in Description enter **Completion: release**. Select **Trend analysis**, **Progress analysis** and **Offset to fin**.

00006


Completion: release

Trend analysis

Progress analysis

Offset to fin

Use the icon  to save your entries.

Click on the home icon  to return to the Fiori Launchpad overview.



## Step 5: Release of Project

**Task** Release of the Project.

**Time** 5 min

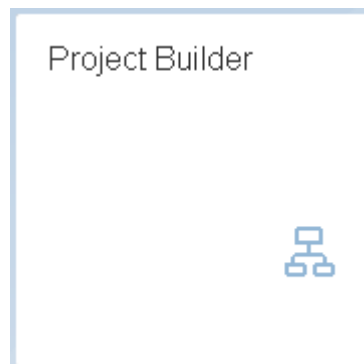
**Short Description** Use the SAP Fiori Launchpad to release the project.

**Name (Position)** Jun Lee

The project will be released. The release of the WBS elements and / or activities of the project are a precondition for the posting of actuals, in the execution phase of the project. In productive environments and for large projects, only those elements will be released which are to be executed in the near future. The release of higher-level WBS elements will also release subordinate WBS elements and / or assigned activities. In the exercises we release the project definition, thereby releasing all WBS elements and activities of the project.

To release the project, use the app *Project Builder*.

Fiori App



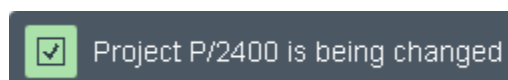
In the Project Builder screen choose your project **P/2####** by double click. Choose Menu **More** ► **Edit** ► **Status** ► **Release** to release your project.


P/2###

Menu bar



Use the Save icon  to save your entries.



Click on the home icon  to return to the Fiori Launchpad overview.





Step 6: Reporting using cost element report

**Task** Reporting using cost element report.

**Time** 10 min

**Short Description** Use the SAP Fiori Launchpad to report by using cost element report.

**Name (Position)** Silvia Cassano

By structuring the project using network activities, you have built a quantity structure with internal and external services, which can be totaled as planned costs. When releasing the activities, they are automatically calculated. From now on, planned costs can be evaluated specific to controlling periods (normally months) and specific to calculate elements. The evaluation can be done on a specific activity, but also aggregated to WBS elements and the whole project.

To report, use the app *Project Costs – Actual/Commitment/Total/Planned in CO Area Currency*.

Fiori App



If required, enter in database **GL01000** and confirm with **Continue**.

GL01000

Enter profile

×

\* Database prof.:

GL01000

Continue


Cancel

Enter in the selection screen for Project **P/2###**, in the Controlling Area choose **EU00**, for Plan Version **0**. Enter the **current year** for From fiscal year and in To fiscal year enter the **next year**. By From period enter **1** and in to period enter **12**. Please delete all other field entries.

P/2###  
EU00  
0  
current year  
next year  
1  
12

Project Management Selections (Other DB profile: GL01000)

Project:	P/2400
Sales document:	
WBS element:	
Network/order:	
Activity:	
Materials in network:	
<hr/>	
\$6-KOKRS:	EU00
\$6-VERP:	0
\$6-GJAHV:	2018
\$6-GJAHB:	2019
\$6-PERBV:	1
\$6-PERBB:	12

The project will usually last until the next year (corresponding to the network activity durations and their relationships). Since a part of planned costs will be assigned to the next year, you would only show a part of the costs when selecting only the current year. Use the Execute icon .

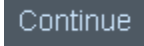

Where do the planned costs result from, which are displayed in the report?

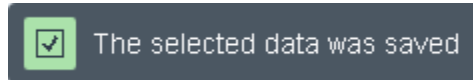
---


What is the reason for the "commitments" value?

---

**Note** For the network activities you specified work centers and the amount of work (in units of hours). As for the primary cost activities you entered the costs directly. These costs are determined by network costing and will be displayed as aggregated costs for WBS elements and for the project definition. The servicing activity resulted in a purchase requisition for the purchasing department, which is displayed as commitment (value type, which displays a future obligation)

Follow the path: **More** ► **Settings** ► **Options**. Then, select the **Expert Mode** indicator. Use  and then click on . Confirm any popups.



Return to the Fiori Launchpad by using the  Back icon.



Step 7: Analyze Project Structure

**Task** Analyze the project structure.

**Time** 5 min

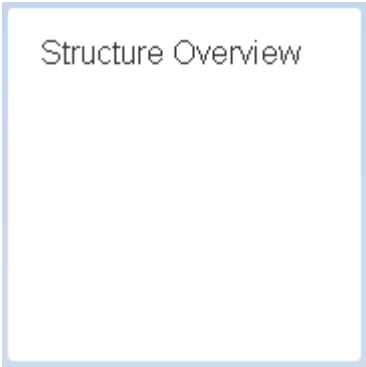
**Short Description** Use the SAP Fiori Launchpad to analyze the project structure.

**Name (Position)** Jermain Kumins

Using the structure information system, you can analyze the project structure as well as dates, costs and revenues (plan and actuals) of one or many projects. The structure information system does not only display data, but you can edit the project from there or post activity confirmations.

To analyze the project structure, use the app *Structure Overview*.

Fiori App



If required, enter in the PS Info Profile filed **GL01000** and confirm with Enter.

GL01000

In the selection screen enter for Project **P/2###** and leave the other fields as they are. Use **Execute** for the report.

P/2###

Project Structure Overview	Title	BasicSta...
▼  Development of Ultralight Bike 400 (I)	P/2400	11.06.2018
▼  Development of Ultralight Bike	P/2400	11.06.2018
PH-400-1	FuncDesc	
▼  Development of Ultralight Bike	4000060	11.06.2018
General concepts	4000060 0010	
Outsourcing gear	4000060 0045	
Performance test by professio	4000060 0135	
▼  Engineering	P/2400-1	
Engineering of carbon frame	4000060 0020	
Engineering of steering fork	4000060 0030	
▼  Prototype	P/2400-2	
Purchasing of components	4000060 0040	
Production of carbon frame	4000060 0050	
Production of steering fork	4000060 0060	
▼  Prototype assembly	4000060 0070	
Completion: prototype	000000000030	
▼  Testing	P/2400-3	
Wind channel test	4000060 0080	
Stiffness test	4000060 0090	
Testing accerleration dynamic	4000060 0100	
Testing steering precision	4000060 0110	
▼  Small series production	P/2400-4	
▼  Small series production	4000060 0120	
Completion: small series	000000000031	
▼  Release to mass production	P/2400-5	
Final test (internal)	4000060 0130	
▼  Release to mass production	4000060 0140	
Completion: release	000000000032	


Please notice that you can analyze the project structure as well as dates and costs (plan, actual) using this report. You can always refresh the report

[Refresh](#)

, in order to show changed data.

Please write down the network number which is the one in front of your activity numbers.

\_\_\_\_\_

Return to the Fiori Launchpad by using the  home icon.



Step 8: Further scheduling of Project

**Task** Further scheduling of the Project.

**Time** 10 min

**Short Description** Use the SAP Fiori Launchpad for further scheduling of the project.

**Name (Position)** Jun Lee

In our project, dates have been already planned by the scheduling of network activities. Network scheduling works in principle using the durations of the activities and their relationships. The scheduled dates of the activities are aggregated to the WBS elements (to which the activities are directly assigned). They can be further aggregated within the work breakdown structure (i.e. to the higher level / top level WBS elements).

To change your project using the app *Project Builder*.

Fiori App



Open your project by double click on your Project **P/2###**.

P/2###

Project Structure: Description	Identification
Development of Ultralight Bike 400	P/2400


To decrease the planned costs and make the duration of the activity flexible, double click on activity 0135.

Change the Amount in **8000** and select **Flexible**. Leave the other fields as they are.

8000  
Flexible

## Identification and view selection

Activity: 4000060 0135 Performance test I

Detail: Overview(s):      Costs

Dates

Assignments

Long Text

User fields

## Costs

System Status: REL SETC




WBS element: P/2400

Company Code: DE00

\* Plant: HD00

R

Amount: 8.000,00 EUR Distrib. costs: Normal duration:   ☒ FlexibleUse the  button.

Project P/2400 is being changed


**Note** Because of the indicator "flexible" the duration of activity 0135 has been linked to the duration of activity 0130, since both activities are "parallel" and activity 0130 has a longer duration. The planned costs of activity 0135 have decreased to 8 000 and are equally distributed over the (flexible) duration of the activity.

Double click at activity 0010. Change the normal duration into **15** days.


15

## Identification and view selection

Activity: 4000060 0010 General concepts

Detail: Overview(s):      Internal Extnl Dates Assignments Long Text U


## General data

System Status: REL SETC 


WBS element: P/2400

Work center: DVLP1000 \* / HD00 Dis

Work: 80,0 HR

Calculation key: Maintain manually 

Activity Type: LABOR E

Priority: Usage: 

## Scheduling


Normal duration: 15 DAY ☐ Flexible

Min. duration: DAY

**Note** In the lower section of the detail screen you see the earliest and latest dates (start, finish) of the activity, which are the result of network scheduling. The upper section of the detail screen can be used to edit restrictions, in order to fix activities in schedule.

Although the system adjusts the length of the time bar of activity 0010, the dates of the whole project are no longer up to date: the longer duration of activity 0010 will affect the dates of its successors. Therefore, the project will be scheduled again, to determine the dates of activities and WBS elements new. Schedule the project again.

Therefore, double click on   Development of Ultralight Bike P/2400 .

Click on  and then switch the tab *Total*.



	Acti...	I...	...	...	...	Earl.start d...	Earl.start...	EarliestEnd...	Earliest f...	Lat. Start D...	Lat. start...	Lat.finish d...	Latest fi...
	0010	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	12.06.2018	08:00:00	26.06.2018	17:00:00	12.06.2018	08:00:00	26.06.2018	17:00:00
	0045	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	26.06.2018	24:00:00	26.06.2018	24:00:00	27.06.2018	24:00:00	27.06.2018	24:00:00
	0135	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	17.07.2018	00:00:00	21.07.2018	24:00:00	17.07.2018	00:00:00	21.07.2018	24:00:00

Save



Step 9: Post activity confirmations

**Task** Post activity confirmations for your project.

**Time** 10 min

**Short Description** Use the SAP Fiori Launchpad to post activity confirmations for your project

**Name (Position)** Jamie Shamblin

In the execution phase we post actuals (actual dates, actual costs, material movements, capacity utilization) to the project. A prerequisite for the posting of actuals is always the release of the associated project object. We have already released the entire project.

To post activity confirmations, use again the app *Project Builder*.

Fiori App



Double click on your project

▼ ▲ Development of Ultralight Bike

P/2400

and select there your activity 0010 on the left side

General concepts

4000060 0010

At the tab *Internal* change, the working hours from 80 to **95**.

95

Identification and view selection

Activity:

4000060

0010

General concepts

Detail:

Overview(s):

Internal

Extnl

Dates

Assignments

Long Text

U

General data

System Status:

REL SETC

WBS element:

P/2400

Work center:

DVLP1000

\*/

HD00

Dis

Work:

95,0

HR

Calculation key:

Maintain manually

▼

E

Activity Type:

LABOR

E

Priority:

▼

Usage:

▼

Scheduling

Normal duration:



15

DAY

☐ Flexible

Min. duration:

DAY

Use the Save icon  to save your entries and click on the home icon  to return to the Fiori Launchpad overview.



Step 10: Display actual cost reporting

**Task** Display the actual cost reporting.

**Time** 5 min

**Short Description** Use the SAP Fiori Launchpad to display the actual cost reporting.

**Name (Position)** Silvia Cassano

The actual costs will be analyzed using the cost element report.

To report, use the app *Project Costs - Actual/Commitment/Total/Planned in CO Area Currency*.

Fiori App



If required, enter in database **GL01000** and confirm with **Continue**.

GL01000

Enter profile

×

\* Database prof.:

GL01000

Continue

Cancel

Enter in the selection screen for Project **P/2###**, in the Controlling Area choose **EU00**, for Plan Version **0**. Enter the **current year** for From fiscal year and in To fiscal year enter the **next year**. By From period enter **1** and in to period enter **12**. Please delete all other field entries. Click on **Execute**

P/2###  
EU00  
0  
current year  
next year  
1  
12

Project Management Selections (Other DB profile: GL01000)

Project:

P/2400

Sales document:

WBS element:

Network/order:

Activity:

Materials in network:

\$6-KOKRS:

EU00

\$6-VERP:

0

\$6-GJAHV:

2018

\$6-GJAHB:

2019

\$6-PERBV:

1

\$6-PERBB:

12

If required enter a variant name and fill the description field with a name you want. Choose Save and execute again.

Variation: Object

PRJ P/2400 Development of Ultralight Bike (i)

WBS P/2400 Development of Ultralight Bike (Cum.)

NWA 4000060 0010 General concepts

NWA 4000060 0045 Outsourcing gear

NWA 4000060 0135 Performance test by professional drivers

WBS P/2400-1 Engineering (Cum.)

NWA 4000060 0020 Engineering of carbon frame

NWA 4000060 0030 Engineering of steering fork

WBS P/2400-2 Prototype (Cum.)

NWA 4000060 0040 Purchasing of components

NWA 4000060 0050 Production of carbon frame

NWA 4000060 0060 Production of steering fork

NWA 4000060 0070 Prototype assembly

WBS P/2400-3 Testing (Cum.)

NWA 4000060 0080 Wind channel test

NWA 4000060 0090 Stiffness test

NWA 4000060 0100 Testing acceleration dynamics

NWA 4000060 0110 Testing steering precision

WBS P/2400-4 Small series production (Cum.)

NWA 4000060 0120 Small series production

WBS P/2400-5 Release to mass production (Cum.)

NWA 4000060 0130 Final test (internal)

NWA 4000060 0140 Release to mass production

Ist/ObL./Summe/Plan

As of: 12.06.2018

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Column 1 / 4

Object

PRJ P/2400

Development of Ultra

Name of Person Resp.

From Fiscal Year

2018

To Fiscal Year

2019

From Period

1

To Period

12


Alle Kostenarten	Ist	Obligo	Summe	Plan
700000 Aufwendungen Arbeitskosten		5.000,00	5.000,00	5.000,00
741000 Sonstige Aufwendungen				8.000,00
800000 Arbeit				22.000,00
* ▼		5.000,00	5.000,00	35.000,00

LEARN-708 12.06.2018

You see the used cost elements of the different activities.

Which cost element is used in the activity 0045 Outsourcing gear?

Click on the home icon



to return to the Fiori Launchpad overview.

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Step 11: Create creditor invoice

**Task** Create a creditor invoice.

**Time** 5 min

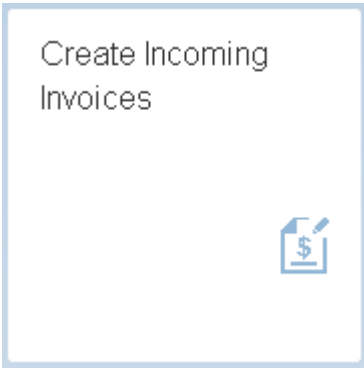
**Short Description** Use the SAP Fiori Launchpad to create a creditor invoice.

**Name (Position)** Jamie Shamblin

Before the general release for mass production, the ultralight racing bikes are tested by professional bikers. After testing the professionals send an invoice to the enterprise for their service. This leads to further actual costs in the project execution.

To create a creditor invoice, use the app *Create Incoming Invoices*.

Fiori App



If required enter **DE00** for Company Code.

DE00

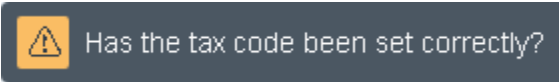
In the following screen, enter for Vendor **114000**, choose the **today's date** for the Invoice and enter for Amount **9700**. In the text field enter **Invoice for performance testing**.

114000  
today's date  
9700  
Invoice for performance testing

Select the box **Calculate Tax** and choose **A1 (19% output tax)** in the drop-down menu.


Calculate Tax  
A1 (19% output tax)

If you get the following warning message, press Enter.





For G/L acct enter **741000** and \* in the Amount in doc.curr. field. Leave the Tax code blank and enter for Network **Your network** and for Trans. No choose **135**.

741000  
\*  
Your network  
135

1 Items ( No entry variant selected )						
<input type="checkbox"/>	St...	G/L acct	Short Text	D/C	Amount in doc.curr.	Network
<input type="checkbox"/>	<input checked="" type="checkbox"/>	741000	Misc. Expense	Debit 	9.700,00	4000060

**Note** For the "network" and "Trans." fields, you have to scroll the table to the right. Please notice, that this sort of table is adjustable specific to the user (table control), so users can fix the order and sizes of columns according to their specific needs. You can find the number of your network using matchcode (F4 help) or the structure overview, session 3.

Post the invoice. Use the  icon to post the invoice. Press Enter to confirm the warning message.

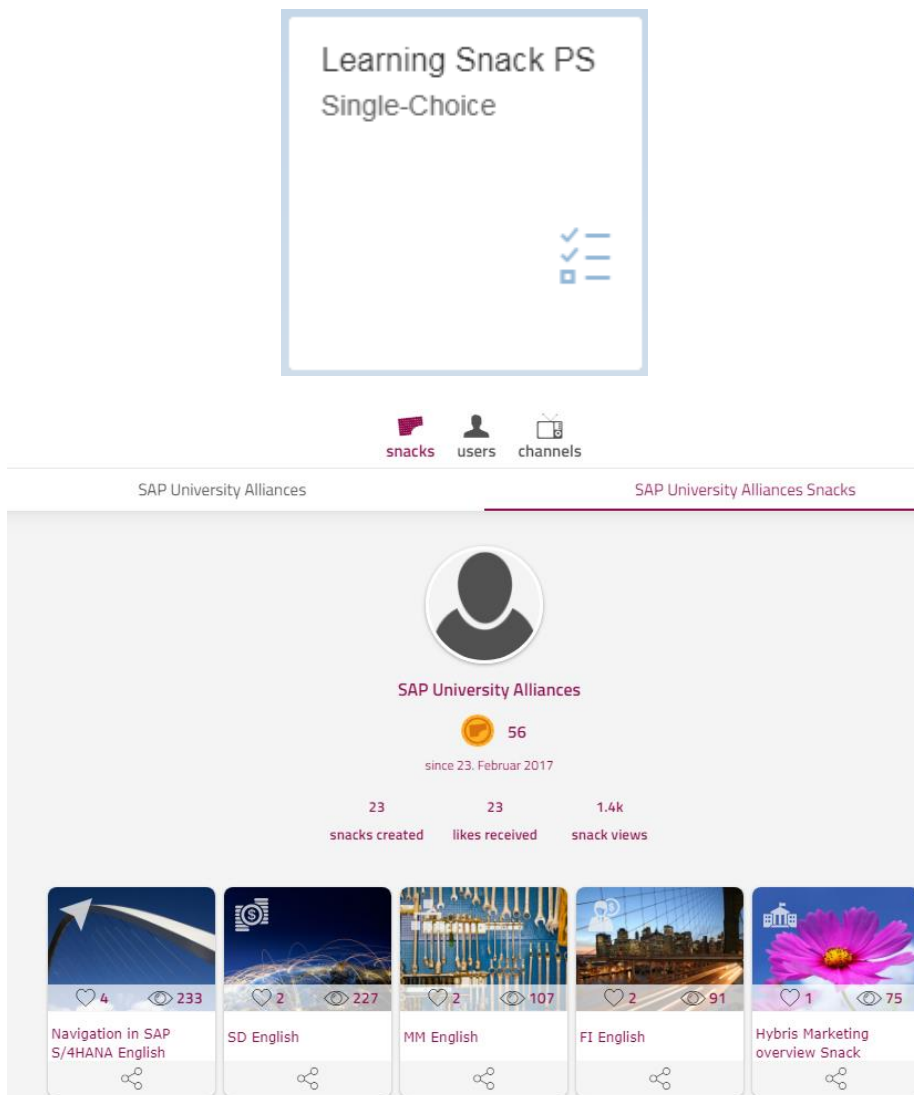
Click on the home icon  to return to the Fiori Launchpad overview.



## Learning Snacks

In order to test and consolidate your knowledge use the app *Learning Snack PS*.

Fiori App

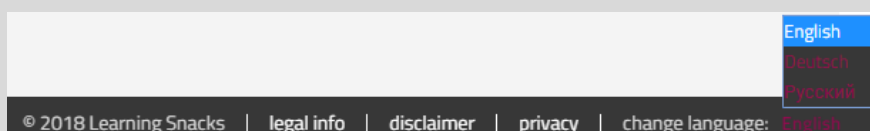


You see all the snacks for the individual case studies. Select the Snack *PS English* and answer all fourteen questions.

Learning Snack

### Note

If you do not see any Apps, you need to change the language on the page Learning Snacks. Therefore click on the current language right next to *change language* and choose **English**.





When you have answered all the questions you will receive a success message and your placement.

