## ایجاد ستون سفارشی W.F در نرم افزار P6

پروژه زیر را در نظر بگیرید . می خواهیم W.F هر فعالیت را در ستون جدیدی وارد کنیم:

A	ctiv	ity ID	Activity Name	Original Duration	Start v	Finish	^
-		Project		91	17-Feb-16	22-Jun-16	
	=	GC SUE	BMITTALS	91	17-Feb-16	22-Jun-16	
		A1090	PREP/SUBMIT LAB EQUIPMENT	0	17-Feb-16		
		A1100	APPROVE LAB EQUIPMENT	10	17-Feb-16	01-Mar-16	
		A1110	FAB/DEL LAB EQUIPMENT	8	02-Mar-16	11-Mar-16	
		A1140	FAB/DEL PENETRATION FIRESTOPPING	9	02-Mar-16	14-Mar-16	
		A1120	PREP/SUBMIT PENETRATION FIRESTOPP	7	14-Mar-16	22-Mar-16	
		A1150	PREP/SUBMIT JOINT SEALANTS	2	15-Mar-16	16-Mar-16	
		A1160	APPROVE JOINT SEALANTS	3	17-Mar-16	21-Mar-16	
		A1170	FAB/DEL JOINT SEALANTS	4	22-Mar-16	25-Mar-16	
		A1130	APPROVE PENETRATION FIRESTOPPING	6	23-Mar-16	30-Mar-16	
		A1180	PREP/SUBMIT HM DOORS & FRAMES	5	28-Mar-16	01-Apr-16	
		A1190	APPROVE HM DOORS & FRAMES	12	04-Apr-16	19-Apr-16	
		A1200	FAB/DEL HM DOORS & FRAMES	15	20-Apr-16	10-May-16	
		A1210	PREP/SUBMIT DOOR HARDWARE	8	11-May-16	20-May-16	
		A1220	APPROVE DOOR HARDWARE	9	23-May-16	02-Jun-16	
		A1230	FAB/DEL DOOR HARDWARE	5	03-Jun-16	09-Jun-16	
		A1240	PREP/SUBMIT NON-STRUCTUCTURAL ME	6	10-Jun-16	17-Jun-16	1
		A1250	APPROVE NON-STRUCTUCTURAL METAL	2	20-Jun-16	21-Jun-16	
		A1000	EAD/DEL NON CTOLICTUDAL METAL E	- 1	00 July 10	00 L 10	*

برای ایجاد ستون جدید به تب Enterprise رفته و گزینه User Define Fields را انتخاب کنید:

Enterprise	Tools	Admin	Help
Directer Projects	5		
🔶 Enterpr	ise Proje	ct Structu	ıre
😫 Trackin	g		
🔷 Project	Portfoli	DS	
8 Resource	es		
🐣 Roles			
🥵 OBS			
🗞 Resourc	e Code	5	
🕞 Project	Codes		
🔜 Activity	Codes		
User De	fined Fi	elds	
🐻 Calenda	ars		
Resource	e Shifts		

趢 User Defined Fields		×
User Defined Fields		Close
Activities		Add
✓ Display: User Defined Fields	$\times$	Delete
Data lype	(?)	Help
< >		

یک نام برای ستون جدید انتخاب کرده و جنس ستون را از نوع Number قرار دهید و پنجره را

Close کنید:

💩 User Defined Fields						×
User Defined Fields					Close	
Activities	•	]		D	Add	
✓ Display: User Defined Fields				×	Delete	
Title W.F	$\nabla$	Data Type Number	-	(?)	Help	
<			>			

در مرحله بعد به قسمت Columns رفته و از دسته بندی User Defined ستون جدیدی را که تعریف کرده بودید را انتخاب کرده و در کنار ستون های دیگر آن را اضافه کنید:



Ac	tiv	ity ID	Activity Name	Original Duration	Start v	Finish	W.F
-		Project		91	17-Feb-16	22-Jun-16	0.00
	-	GC SUE	BMITTALS	91	17-Feb-16	22-Jun-16	0.00
		A1090	PREP/SUBMIT LAB EQUIPMENT	0	17-Feb-16		
		A1100	APPROVE LAB EQUIPMENT	10	17-Feb-16	01-Mar-16	
		A1110	FAB/DEL LAB EQUIPMENT	8	02-Mar-16	11-Mar-16	
		A1140	FAB/DEL PENETRATION FIRESTOPPING	9	02-Mar-16	14-Mar-16	
		A1120	PREP/SUBMIT PENETRATION FIRESTOPP	7	14-Mar-16	22-Mar-16	
		A1150	PREP/SUBMIT JOINT SEALANTS	2	15-Mar-16	16-Mar-16	
		A1160	APPROVE JOINT SEALANTS	3	17-Mar-16	21-Mar-16	
		A1170	FAB/DEL JOINT SEALANTS	4	22-Mar-16	25-Mar-16	
		A1130	APPROVE PENETRATION FIRESTOPPING	6	23-Mar-16	30-Mar-16	
		A1180	PREP/SUBMIT HM DOORS & FRAMES	5	28-Mar-16	01-Apr-16	
		A1190	APPROVE HM DOORS & FRAMES	12	04-Apr-16	19-Apr-16	
		A1200	FAB/DEL HM DOORS & FRAMES	15	20-Apr-16	10-May-16	
		A1210	PREP/SUBMIT DOOR HARDWARE	8	11-May-16	20-May-16	
		A1220	APPROVE DOOR HARDWARE	9	23-May-16	02-Jun-16	
		A1230	FAB/DEL DOOR HARDWARE	5	03Jun-16	09Jun-16	
		A1240	PREP/SUBMIT NON-STRUCTUCTURAL ME	6	10-Jun-16	17-Jun-16	

حال می توان W.F هر فعالیت را در ستون جدید وارد کرد و برای این منظور می توان مقادیر را از

طريق اکسل به P6 وارد کرد:

از تب File، پروژه را به اکسل export می کنیم :

File	Edit	View	Project	Ente
Ľ	New		Ctr	I+N
2	Open		Ctr	l+0
Ē	Close A	II	Ctrl	+W
∄	Page Se	tup		
B	Print Se	tup		
B.	Print Pr	eview		
8	Print		Ctr	I+P
	Project	Archite	ct	
4	Import.			
٩	Export			
Щ,	Send Pr	oject		

Export			×
K Export			
Export Format			
Select the export format.			
C Brimawara BM (MM (VEB)			
O Microsoft Project - MDP			
O Primavera Project Planner - (P3)			
Spreadsheet - (XLS)			
O Primavera Contractor 5.0 - (XER)			
O Primavera PM - (XML)			
Cancel	Prev	Next	Finish
-			 
Export			×
			×
Export Export			×
Export Export Export Type			×
Export Export Export Type Select the type of data to export.			 ×
Export Export Export Select the type of data to export.			×
Export Export Export Export Type Select the type of data to export.  Calculate Activity Relationships			×
Export Export Export Export Type Select the type of data to export.  Activities Activity Relationships Exponses			×
Export Export Export Export Type Select the type of data to export.  Activities Activities Expenses Expenses Expenses			×
Export Export Export Export Type Select the type of data to export.  Activities Activity Relationships Expenses Resources			×
Export Export Export Type Select the type of data to export. Activities Activity Relationships Expenses Resources Resource Assignments			×
Export Export Export Type Select the type of data to export. Activities Activity Relationships Expenses Resources Resource Assignments			×

xport			×
🔨 Ex	port		
Proje	cts To Ex	port	
The project	ts listed below are o	open and can be checked out.	
Open Proje	ects		
Export	Project ID	Project Name	
	AZADEH	Project	
🖉 Canc	el	▲ Prev Next	Finish

در این مرحله ستون هایی که لازم است در فایل اکسل خروجی نمایش داده شود را انتخاب می

کنید:

Excel Export					×
K Excel Export					
Select Template					
XLS Template					
New New					
I.					_
Add	] 🖼 🗌	Remove		Modify	
	<u>.</u>				
O Cancel		Prev	<u>N</u> ext		Finish

اگر Template در این پنجره وجود نداشت با کلیک بر روی Add یک Template جدید ایجاد

کنید.

💩 Modify Template	_	
	<b>√</b>	ок
Template Name New	0	Cancel
Subject Area Activities		
Columns Filter Sort		Add
Available Options     Selected Options	$\times$	Delete
Actual Nonlabor Units Activity ID Actual This Period Labor L	Ē	Сору
Actual This Period Nonlaby		Paste
At Completion Nonlabor Ur	_	
BL Project Labor Units		Modify
BL1 Labor Units		Default
Budgeted Labor Units		
Budgeted Nonlabor Units		нер
Remaining Nonlabor Units		
Variance - BL Project Lab		
Variance - BL Project Non Variance - Bl 1 Labor Unit		
Variance - BL1 Nonlabor L		
×		

در مرحله بعد محل ذخیره فایل اکسل خروجی را مشخص می کنید:

Select file to export	
Project Name	Select Excel File
AZADEH	C:\Users\Payam\Documents\AZADEH-Activities.xls

و سپس next کرده و finish را می زنید که در نهایت پیغام زیر را مشاهده خواهید کرد:

el Export		
Excel Ex	port	
Summary		
Review t Primavera		
Export File Subject At	The export was successful.	
	OK	
Cancel	Prev Next Fin	isł

## فایل اکسل خروجی از نرم افزار P6 را باز کنید:

	A	В	С	D	E
1	task_code	status_code	wbs_id	user_field_128	delete_record_flag
2	Activity ID	Activity Status	WBS Code	W.F	Delete This Row
3	A1090	Not Started	AZADEH.2		
4	A1100	Not Started	AZADEH.2		
5	A1110	Not Started	AZADEH.2		
6	A1120	Not Started	AZADEH.2		
7	A1130	Not Started	AZADEH.2		
8	A1140	Not Started	AZADEH.2		
9	A1150	Not Started	AZADEH.2		
10	A1160	Not Started	AZADEH.2		
11	A1170	Not Started	AZADEH.2		
12	A1180	Not Started	AZADEH.2		
13	A1190	Not Started	AZADEH.2		
14	A1200	Not Started	AZADEH.2		
15	A1210	Not Started	AZADEH.2		
16	A1220	Not Started	AZADEH.2		
17	A1230	Not Started	AZADEH.2		
18	A1240	Not Started	AZADEH.2		
19	A1250	Not Started	AZADEH.2		
20	A1260	Not Started	AZADEH.2		

و در ستون W.F، ارزش هر فعالیت را واردکرده و فایل را ذخیره کنید.(برای این کار نیز می توان از

تابع Vlook up استفاده نمود)

	A	В	С	D	E
1	task_code	status_code	wbs_id	user_field_128	delete_record_flag
2	Activity ID	Activity Status	WBS Code	W.F	Delete This Row
3	A1090	Not Started	AZADEH.2	12	
4	A1100	Not Started	AZADEH.2	8	
5	A1110	Not Started	AZADEH.2	11	
6	A1120	Not Started	AZADEH.2	3	
7	A1130	Not Started	AZADEH.2	2	
8	A1140	Not Started	AZADEH.2	6	
9	A1150	Not Started	AZADEH.2	8	
10	A1160	Not Started	AZADEH.2	2	
11	A1170	Not Started	AZADEH.2	2	
12	A1180	Not Started	AZADEH.2	3	
13	A1190	Not Started	AZADEH.2	9	
14	A1200	Not Started	AZADEH.2	2	
15	A1210	Not Started	AZADEH.2	4	
16	A1220	Not Started	AZADEH.2	1	
17	A1230	Not Started	AZADEH.2	5	
18	A1240	Not Started	AZADEH.2	2	
19	A1250	Not Started	AZADEH.2	8	
20	A1260	Not Started	AZADEH.2	12	

## به نرم افزار P6 برگشته و فایل اکسل را به نرم افزار P6 وارد کنید:

File	Edit	View	Project	Enter				
D N	lew	Ctrl+N						
🗳 O	pen		Ctrl+O					
<b>e</b> (	lose A	II	Ctrl+W					
₿P	age Se	tup						
Print Setup								
🗟, P	rint Pr	eview						
🖨 P	rint		Ctr	I+P				
P	roject	Archite	ct					
🕹 II	nport.							
🏝 E	xport							
🗐 s	end Pr	oject						

Import					×
Kara Import					
Import Format					
Select the import format.					
C Primavera PM / MM - (XER)					
O Microsoft Project - (MPP, MPX, MPD, MI	DB, MPT	)			
O Primavera Project Planner - (P3)					
Spreadsheet - (XLS)					
O Primavera PM - (XML)					
Cancel		<u>P</u> rev	Next	► E	Finish

در مرحله بعد آدرس فایل اکسل را فراخوانی کرده و Next کنید:

Excel Import				×
K Excel Import				
Select Excel File				
Select file to import				
Cancel	<b>∮</b> <u></u> <u></u> <u></u>	Prev	<u>N</u> ext	Finish

Excel Import					>	<		
K Excel Import								
Import Type								
Select the type of data to import								
✓ Activities								
Activity Relationships								
🗖 Expenses								
🗖 <u>R</u> esources								
□ Resource A <u>s</u> signments								
O Cancel	◀	Prev	Next		Finish			

در مرحله بعد، پروژه خود را در قسمت import to انتخاب کرده و سپس Next و finish:

cel Import									
<b>Excel</b>	Import								
Import Project Options									
Please select a	n import action and	the destination Project.							
File name	Import Actio	n	Import To						
C:\Users\Payan	n\Desi Update Ex	isting Project	1	•••					
C:\Users\Payan	n\Desi Update Ex	isting Project	1						
		4							
Cancel		Prev	<u>N</u> ext	Finish					

پیغام زیر مشاهده خواهد شد:





به نمای Activities بروید همانگونه که ملاحظه می شود مقادیر W.F برای فعالیت ها به نرم افزار

P6 وا*ر*د شده است:

Activity ID		١D	Activity Name		Start v	Finish	W.F	^
=	P	roject		91	17-Feb-16	22-Jun-16	100.00	
	=	GC SUE	BMITTALS	91	17-Feb-16	22-Jun-16	100.00	
		A1090	PREP/SUBMIT LAB EQUIPMENT	0	17-Feb-16		12.00	
		A1100	APPROVE LAB EQUIPMENT	10	17-Feb-16	01-Mar-16	8.00	
		A1110	FAB/DEL LAB EQUIPMENT	8	02-Mar-16	11-Mar-16	11.00	
		A1140	FAB/DEL PENETRATION FIRESTOPPING	9	02-Mar-16	14-Mar-16	6.00	
		A1120	PREP/SUBMIT PENETRATION FIRESTOPP	7	14-Mar-16	22-Mar-16	3.00	
		A1150	PREP/SUBMIT JOINT SEALANTS	2	15-Mar-16	16-Mar-16	8.00	
		A1160	APPROVE JOINT SEALANTS	3	17-Mar-16	21-Mar-16	2.00	
		A1170	FAB/DEL JOINT SEALANTS	4	22-Mar-16	25-Mar-16	2.00	
		A1130	APPROVE PENETRATION FIRESTOPPING	6	23-Mar-16	30-Mar-16	2.00	
		A1180	PREP/SUBMIT HM DOORS & FRAMES	5	28-Mar-16	01-Apr-16	3.00	
		A1190	APPROVE HM DOORS & FRAMES	12	04-Apr-16	19-Apr-16	9.00	
		A1200	FAB/DEL HM DOORS & FRAMES	15	20-Apr-16	10-May-16	2.00	
		A1210	PREP/SUBMIT DOOR HARDWARE	8	11-May-16	20-May-16	4.00	
		A1220	APPROVE DOOR HARDWARE	9	23-May-16	02-Jun-16	1.00	
		A1230	FAB/DEL DOOR HARDWARE	5	03-Jun-16	09-Jun-16	5.00	
		A1240	PREP/SUBMIT NON-STRUCTUCTURAL ME	6	10-Jun-16	17-Jun-16	2.00	
		A1250	APPROVE NON-STRUCTUCTURAL METAL	2	20-Jun-16	21-Jun-16	8.00	
		41000	EAD/DEL NON CTOLICTUCAL METAL E	- 1	22.1	00 June 10	10.00	*