

User Manual

Planning

« Autoreservation » of resources
Version 3.1 - août 2016 (assigned wages)

Enter your schedule in the Gantt chart

Project Management Game

Initiation Planning Execution Closing Next phase

Management 100 User 100 Quality 0 Costs 0 Schedule 0 Time budget 10

HOME PROJECT TASKS GANTT RESOURCES EVM

No	Name	Start	End
1	Choix environnement développement	1	2
2	Analyse existant	2	3
3	Analyse besoins	3	5
4	Dossier spécification	4	5
5	Modélisation	5	6
6	Modélisation	6	7
7	Modélisation	7	8
8	Programme	8	9
9	Programme	9	10
10	Programme	10	11
11	Promotion	11	12

Analyse besoins

Description

Objectifs: Récolte de l'ensemble des informations relatives aux différents besoins des clients (interview de quelques clients représentatifs) et des monteurs-réparateurs (invitation des monteurs à une séance générale, interview de quelques monteurs représentatifs)

Remarque: Cette activité peut se dérouler en parallèle avec l'analyse de l'existant et le choix de l'environnement de développement.

Duration: 2

Requirements
1x Commercial Junior
1x Commercial Senior
1x Monteur Senior

Enter your planning

Click on a task name to access task description

Estimate tasks costs

Enter the estimated cost of each task (BAC: Budgeted At Completion).

BAC includes wages and fixed costs.

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Management 100 User 100 Quality 0 Costs 0 Schedule 0

HOME PROJECT TASKS GANTT RESOURCES EVM

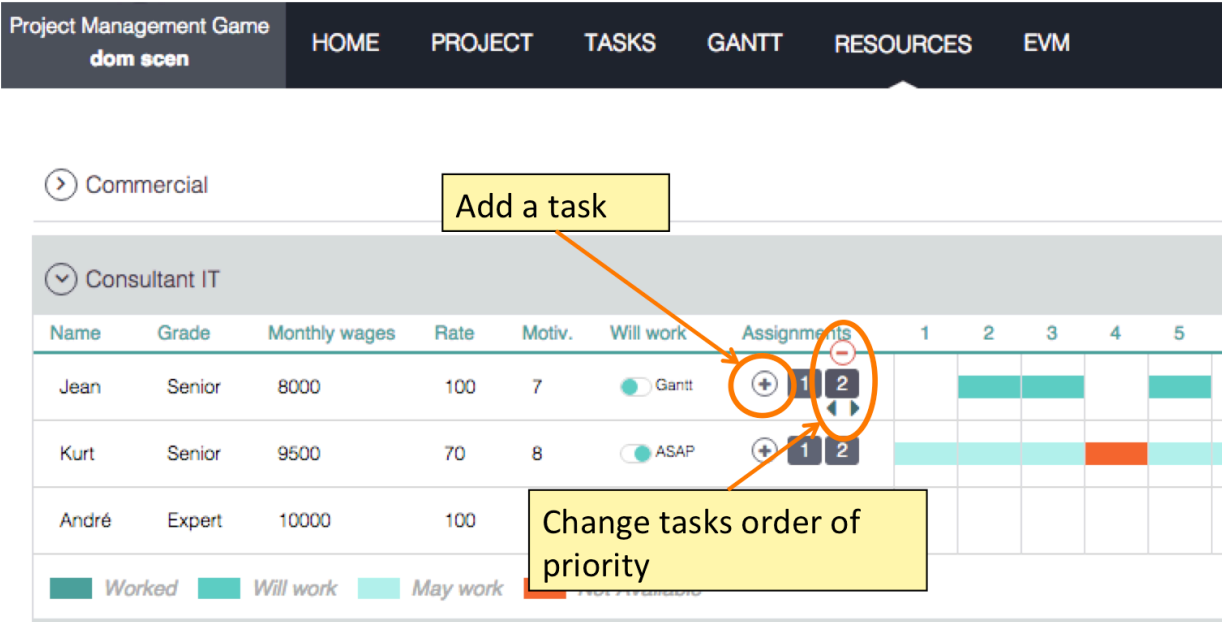
No	Name	Estimated duration	Fixed costs	BAC	Ressources	Assigned resources
1	Choix environnement développement	1	1000	<input type="text" value="12000"/>	1x Consultant IT Senior 1x Informaticien Logiciel Junior	-
2	Analyse existant	1	0	<input type="text" value="5000"/>	1x Informaticien Hardware Junior 1x Informaticien Hardware Senior	-
3	Analyse besoins	2	500	<input type="text" value="14000"/>	1x Commercial Junior 1x Commercial Senior 1x Monteur Senior	-
4	Dossier spécification	1	0	<input type="text" value="0"/>	1x Consultant IT Senior 1x Informaticien Logiciel Senior	-

Manage Resources

As a project manager, inform Resources about the tasks they have to work on.

You can assign several tasks to a resource. Thus, once a task is completed, the resource will start working on to the next task.

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Resources work on tasks in the assigned order of priority.
!!!



With the toogle on **"Will work" on Gantt**, resource work based on the Gantt chart.

With the toogle on **"Will work" ASPAP (As Soon As Possible)**, resources work on a task as soon as possible, even if in advance regarding the Gantt chart.

FAQ (Frequently Asked Questions)

Do I have to assign exactly the same resources as estimated in the task description?

To complete a task, it is absolutely necessary to allocate resources with the requested profession. In the simulation, you can't replace a software engineer by a lawyer if no lawyer is needed for this task (although in reality a lawyer may have software development skills).

If several professions are required to complete a task (e.g. 3 software engineers and 1 secretary), it is sometimes possible for a single profession to complete the task (e.g. the software engineers may get along even without a secretary). However, a secretary might not fully complete the task if no software engineers helped her.

What effects do skill level and motivation have?

Just like in the real life, depending on the task, skill level and motivation might have different effects on quality and quantity of the work performed.

Can I assign more or less resources than "Required Resources"?

Yes, it is likely that you have to assign a different amount of resources than indicated as "Required Resources".

The "Required Resources" correspond to the first estimation of what could be needed. But you might not have all the required resources or need more resources to execute a task in less time.

Increases or decreases of the number of resources influence the task progress. However, just as in real world, doubling resources on a task does not necessarily lead to a halving of the time needed to complete it. Effects of modifying quantity of resources depend on the type of task.

Can I use a "junior" instead of a "senior"?

Yes, it is possible to replace a senior resource by a junior of the same profession.

If the assigned experience level is different from the required, then this may affect the completion time as well as the quality of work performed. Effects might also depend on the type of task (e.g. using a junior driver instead of an expert driver has different effects than using a junior software engineer instead of an expert).

How are the resources' Wages calculated?

All wages are monthly wages.

In order to facilitate comparisons between different resources, all wages are displayed on the basis of an activity rate of 100%. Of course, if a resource is allocated to the project, then the individual costs are charged to the project in line with the resources' activity rate and action time.

What are the "assigned wages" ?

It's just a help for the project manager. They correspond to the amount of salaries currently planned with the current state of planning (Gantt, resources, tasks assigned to resources).

Why is the "assigned wage" equal to zero ?

An "Assigned wage" is equal to zero means that the task has been assigned to the resource, but according to the current planning (Gantt, tasks prioritisation), the resource will not work on this task.

What does it mean if Resources are printed in bold in the Tasks tab?

A resource is in bold if the corresponding task is its first priority. It means that the resource will work on this task as soon as possible (even before the Gantt chart).