

## User Manual for Qpack Gantt

### Purpose

View QPack filters on Gantt Timeline.

Edit item start/end date and sync changes back to QPack

### Setup instructions

Create a folder on QPack server: [C:\Program Files\Qpack\QpackGantt](#)

Extract QPack Gantt zip file to newly created QPackGantt folder

Enter IIS, and create virtual directory named **Gantt** under QPack virtual directory.

If required – change the URL's in **web.config** file:

```
<appSettings>
  <add key="QPackGanttVer" value="1.0.0.31"/>
  <add key="QPackWebServiceVer" value="2.0.0.93"/>
  <add key="localhost.QPackServ" value="http://localhost/gpack/QPackServ/QPackServ.asmx"/>
  <add key="QPackXML" value="http://localhost/gpack/gpack.xml"/>
  <add key="LogFilePath" value="http://localhost/gpack/gantt/gantt.log"/>
</appSettings>
<connectionStrings/>
<system.web>
  <!--
    Set compilation debug="true" to insert debugging
    symbols into the compiled page. Because this
    affects performance, set this value to true only
    during development.

    Visual Basic options:
    Set strict="true" to disallow all data type conversions
```

### Client prerequisites

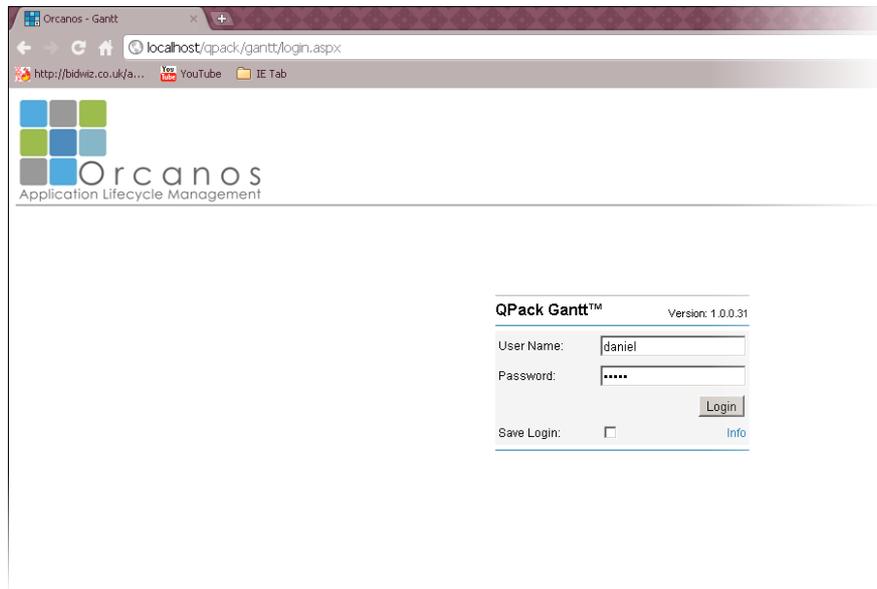
Please review <http://www.anychart.com/products/anygantt/docs/users-guide/index.html>

### Working with the Gantt

#### Login

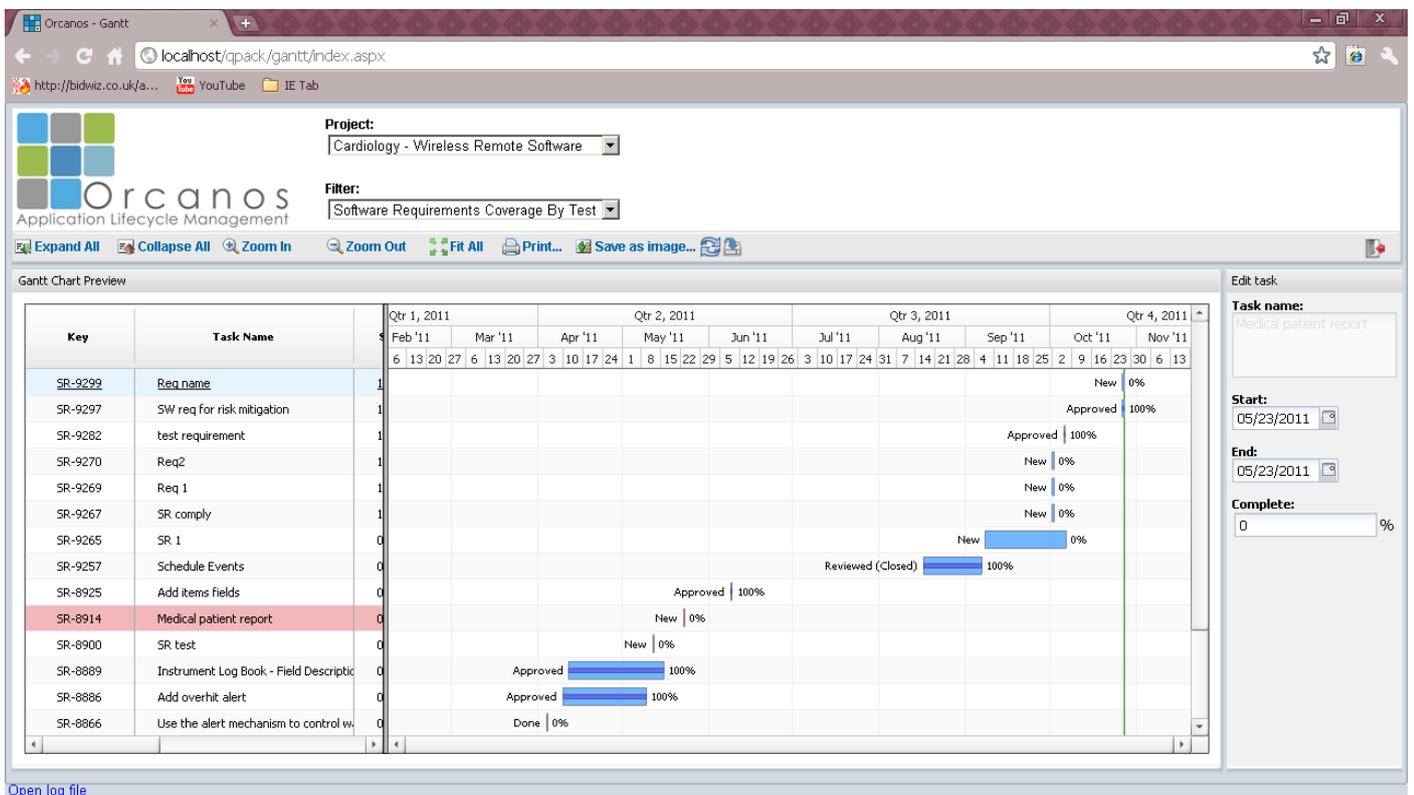
Open browser and type URL: [http://\[QPack server\]/gpack/Gantt/login.aspx](http://[QPack server]/gpack/Gantt/login.aspx)

Enter QPack user name and password, and click **Login** button



Main screen opens.

## Gantt Main Screen



## Gantt toolbar



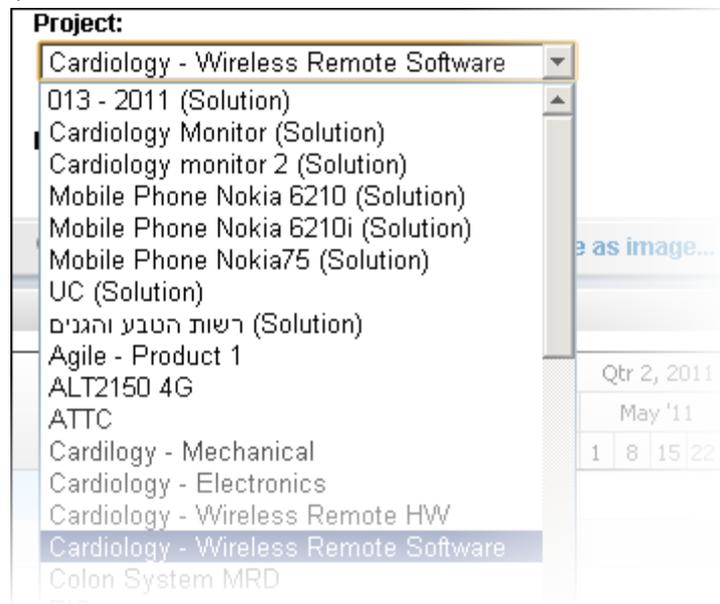
- **Expand/Collapse all** – Will expand/collapse Gantt results
- **Zoom in/out** – will zoom in/out the Gantt timeline

- **Fit all** – Fit Gantt information to screen
- **Print** – export Gantt to printer
- **Save as image** – export Gantt to image file
- **Refresh** – will refresh Gantt results from QPack database
- **Sync** – will sync dates changes into QPack database
- **Logout** – logout Gantt

## How to work with QPack Gantt

Following are the steps to work with QPack Gantt:

- Select the QPack project you wish to track



- Select the project filter you wish to track

**Project:**  
Cardiology - Wireless Remote Software

**Filter:**  
Software Requirements Coverage By Test

alex  
Software Requirements Coverage By Test  
Test Case Traceability and last run status

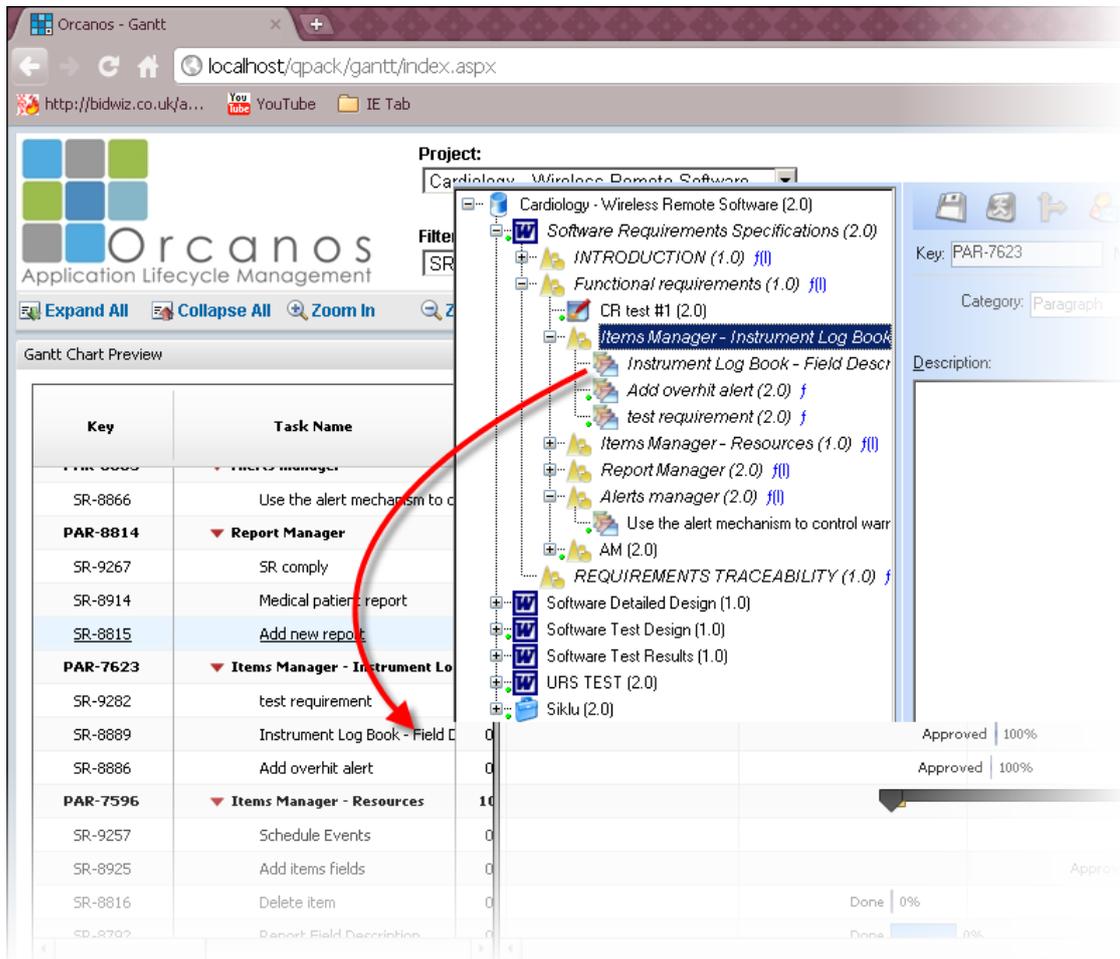
	Qtr 1, 2011								Qtr 2, 2011								
	Feb '11				Mar '11				Apr '11				May '11				
	6	13	20	27	6	13	20	27	3	10	17	24	1	8	15	22	29
1																	
1																	
1																	

Upon selecting the filter, QPack will populate the results on the timeline. QPack Gantt can show all item types that were retrieved, except defects.

#### Hierarchy

As long as hierarchy is kept in the filter results – QPack Gantt will maintain the hierarchy. If a parent is not found for specific item in filter results – the item will be located in the Gantt root.

QPack order within each level is not kept.



The screenshot displays the Orcanos Gantt application interface. The top navigation bar shows the browser address bar with the URL `localhost/qpack/gantt/index.aspx`. The main content area is divided into several sections:

- Project:** Cardiology - Wireless Remote Software
- Filter:** SR
- Gantt Chart Preview:** A table showing task details.
- Task Tree:** A hierarchical view of the project tasks.
- Task Details:** A panel on the right showing details for the selected task (PAR-7623).

The Gantt Chart Preview table is as follows:

Key	Task Name	Start	End	Progress	Approval
SR-8866	Use the alert mechanism to control war				Approved   100%
<b>PAR-8814</b>	<b>Report Manager</b>				
SR-9267	SR comply				
SR-8914	Medical patient report				
SR-8815	Add new report				
<b>PAR-7623</b>	<b>Items Manager - Instrument Log Book</b>				
SR-9282	test requirement				
SR-8889	Instrument Log Book - Field Descr				
SR-8886	Add overhit alert				Approved   100%
<b>PAR-7596</b>	<b>Items Manager - Resources</b>				
SR-9257	Schedule Events				
SR-8925	Add items fields				
SR-8816	Delete item				Done   0%
SR-8797	Report Field Description				Done   0%

The Task Tree shows the following structure:

- Cardiology - Wireless Remote Software (2.0)
  - Software Requirements Specifications (2.0)
    - INTRODUCTION (1.0) f()
    - Functional requirements (1.0) f()
    - CR test #1 (2.0)
      - Items Manager - Instrument Log Book (2.0)
        - Instrument Log Book - Field Descr (2.0)
          - Add overhit alert (2.0) f
          - test requirement (2.0) f
        - Items Manager - Resources (1.0) f()
        - Report Manager (2.0) f()
        - Alerts manager (2.0) f()
        - Use the alert mechanism to control war (2.0)
      - AM (2.0)
    - REQUIREMENTS TRACEABILITY (1.0) f
  - Software Detailed Design (1.0)
  - Software Test Design (1.0)
  - Software Test Results (1.0)
  - URS TEST (2.0)
  - Siklu (2.0)

The Gantt shows filter results of the SRS

Filter results – QPack Gantt Grid

Project: Cardiology - Wireless Remote Software

Filter: SRS

Expand All Collapse All Zoom In Zoom Out Fit All Print... Save as image...

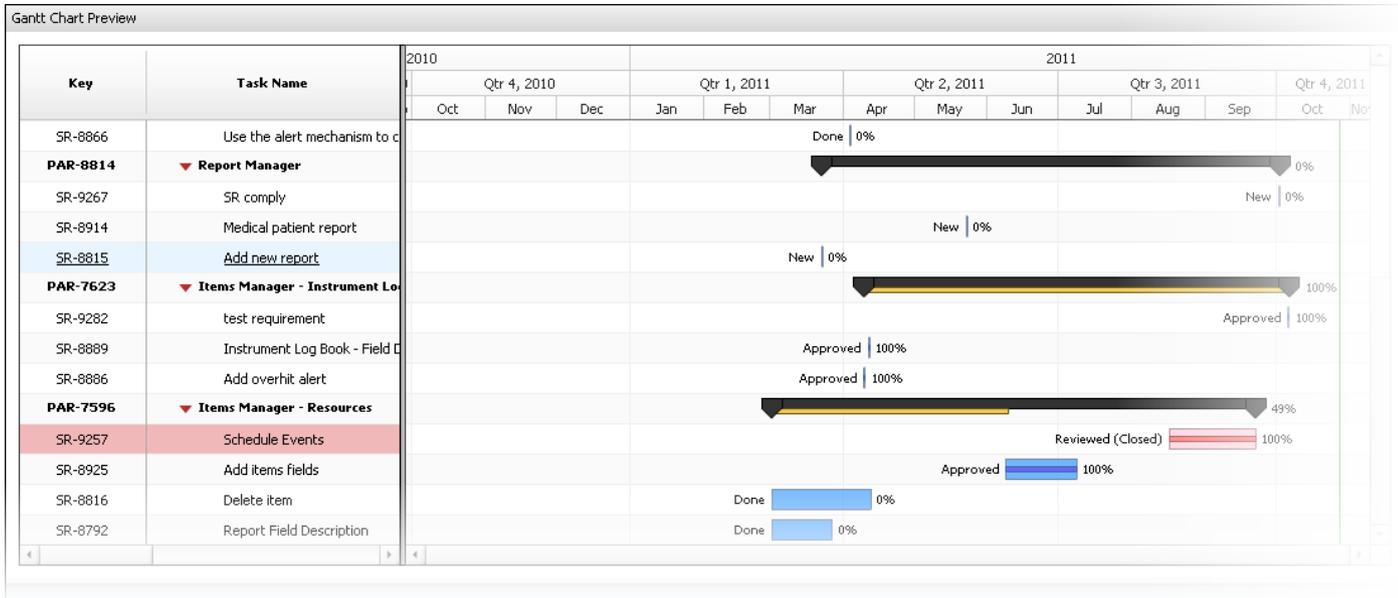
Gantt Chart Preview

Key	Task Name	Start Date	Finish Date	Progress	Duration	Assigned To	Status
SR-8866	Use the alert mechanism to c	04/04/2011	04/04/2011	0%	0.5 Days	zohar	Done
<b>PAR-8814</b>	<b>▼ Report Manager</b>	<b>03/23/2011</b>	<b>03/23/2011</b>	<b>0%</b>	<b>193.5 Days</b>	<b>zohar</b>	<b>Approved</b>
SR-9267	SR comply	10/02/2011	10/02/2011	0%	0.5 Days	zohar	New
SR-8914	Medical patient report	05/23/2011	05/23/2011	0%	0.5 Days	zohar	New
SR-8815	Add new report	03/23/2011	03/23/2011	0%	0.5 Days	zohar	New
<b>PAR-7623</b>	<b>▼ Items Manager - Instrument Lo</b>	<b>10/08/2010</b>	<b>10/26/2010</b>	<b>0%</b>	<b>179.5 Days</b>	<b>zohar</b>	<b>Approved</b>
SR-9282	test requirement	10/06/2011	10/06/2011	100%	0.5 Days	zohar	Approved
SR-8889	Instrument Log Book - Field D	04/12/2011	04/12/2011	100%	0.5 Days	zohar	Approved
SR-8886	Add overhit alert	04/10/2011	04/10/2011	100%	0.5 Days	zohar	Approved
<b>PAR-7596</b>	<b>▼ Items Manager - Resources</b>	<b>10/10/2010</b>	<b>11/03/2010</b>	<b>0%</b>	<b>168.4 Days</b>	<b>zohar</b>	<b>Approved</b>
SR-9257	Schedule Events	08/17/2011	08/17/2011	100%	0.5 Days	zohar	Reviewed (Closed)
SR-8925	Add items fields	06/09/2011	06/09/2011	100%	0.5 Days	zohar	Approved

QPack Gantt Grid shows following item data:

- **QPack key:** QPack unique identifier
- **Task name:** the QPack item name
- **Start date:** QPack start date
- **Finish date:** QPack due date
- **Progress:** 0% for active item, 100% for completed item, set by the status
- **Duration:** Due date – Start date, in days
- **Assign to:** QPack user name
- **Status:** QPack status

Filter results – Timeline



Selected item will be marked in Orange:



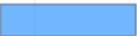
Mouse over allows viewing item details:



Item data in timeline

- QPack status
- % completion (0%/100%)

Completion mark

- Completed:  100%
- Active  0%

- Parent task completion:  41%

Parent completion is derived of total children completion rate.

**For example:** the following parent that has 4 children



- Child 1: 18.5 days, completed
- Child 2: 23.5 days, completed
- Child 3: 38 days, active
- Child 4: 22 days, active

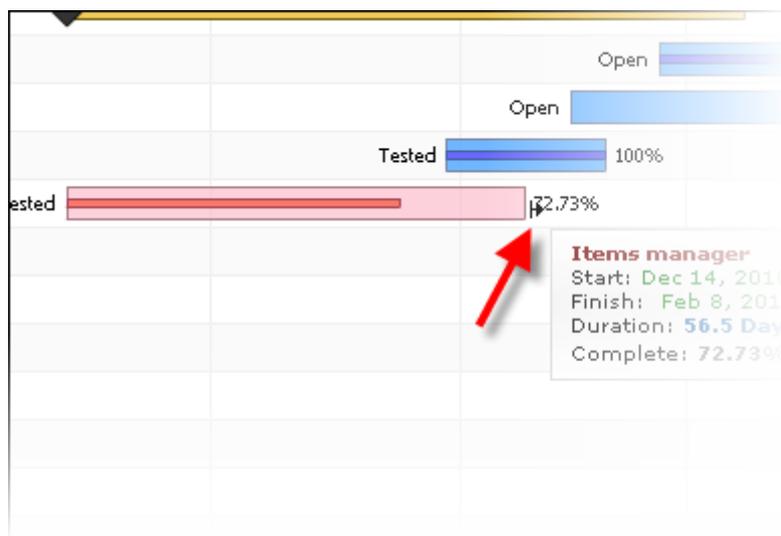
Total accumulated children days: **102**

Total accumulated completed tasks days: **42**

Parent complete percentage =  $42/102 = 41\%$

Changing task start or finish date

Place the mouse over task until the mouse changes as follows:



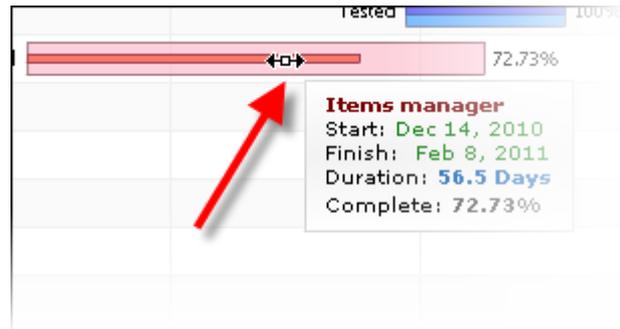
Click and drag to the new start/finish date

Changing task completion

This option is not operative, and will not affect QPack

### Move task

Place the mouse over a task center. The icon of the mouse will be changed as follows:



Click and drag the task to the new place on timeline

### Sync changes into QPack

After changing the dates – click on Sync button on Gantt toolbar in order to synch changes in QPack:



Please note that parent start/finish date is derived from children tasks (minimum start date of child = parent start, maximum end date of child=parent end)

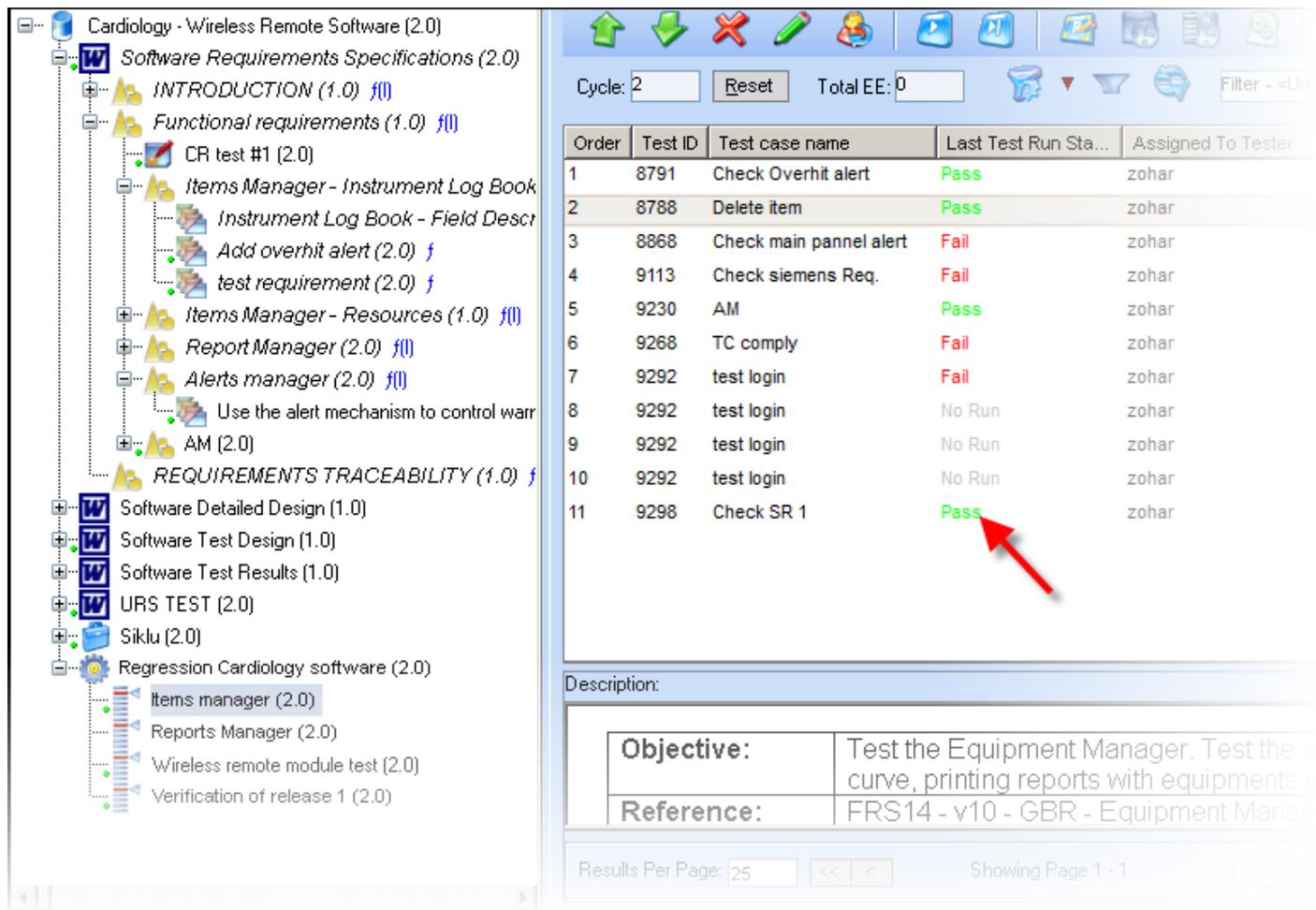
## **Test execution completion calculation**

You can manage your QA work plan with QPack Gantt following these steps:

- Build execution group in QPack, called “**Regression**”
- Add execution set/s in QPack under the created execution group:



- Add test cases to execution sets
- Run tests in QPack



Cardiology - Wireless Remote Software (2.0)

- Software Requirements Specifications (2.0)
  - INTRODUCTION (1.0) f()
  - Functional requirements (1.0) f()
    - CR test #1 (2.0)
      - Items Manager - Instrument Log Book
        - Instrument Log Book - Field Descr
        - Add overhit alert (2.0) f
        - test requirement (2.0) f
      - Items Manager - Resources (1.0) f()
      - Report Manager (2.0) f()
      - Alerts manager (2.0) f()
        - Use the alert mechanism to control warr
      - AM (2.0)
    - REQUIREMENTS TRACEABILITY (1.0) f
  - Software Detailed Design (1.0)
  - Software Test Design (1.0)
  - Software Test Results (1.0)
  - URS TEST (2.0)
  - Siklu (2.0)
  - Regression Cardiology software (2.0)
    - Items manager (2.0)
    - Reports Manager (2.0)
    - Wireless remote module test (2.0)
    - Verification of release 1 (2.0)

Cycle: 2    Reset    Total EE: 0

Order	Test ID	Test case name	Last Test Run Sta...	Assigned To Tester
1	8791	Check Overhit alert	Pass	zohar
2	8788	Delete item	Pass	zohar
3	8868	Check main pannel alert	Fail	zohar
4	9113	Check siemens Req.	Fail	zohar
5	9230	AM	Pass	zohar
6	9268	TC comply	Fail	zohar
7	9292	test login	Fail	zohar
8	9292	test login	No Run	zohar
9	9292	test login	No Run	zohar
10	9292	test login	No Run	zohar
11	9298	Check SR 1	Pass	zohar

Description:

<b>Objective:</b>	Test the Equipment Manager. Test the a curve, printing reports with equipments
<b>Reference:</b>	FRS14 - v10 - GBR - Equipment Manac

Results Per Page: 25    << <    Showing Page 1 - 1

- Create filter in QPack to retrieve all execution sets under the regression group, called “**Regression execution set**”:

Public Filter: Regression execution set (zohar)





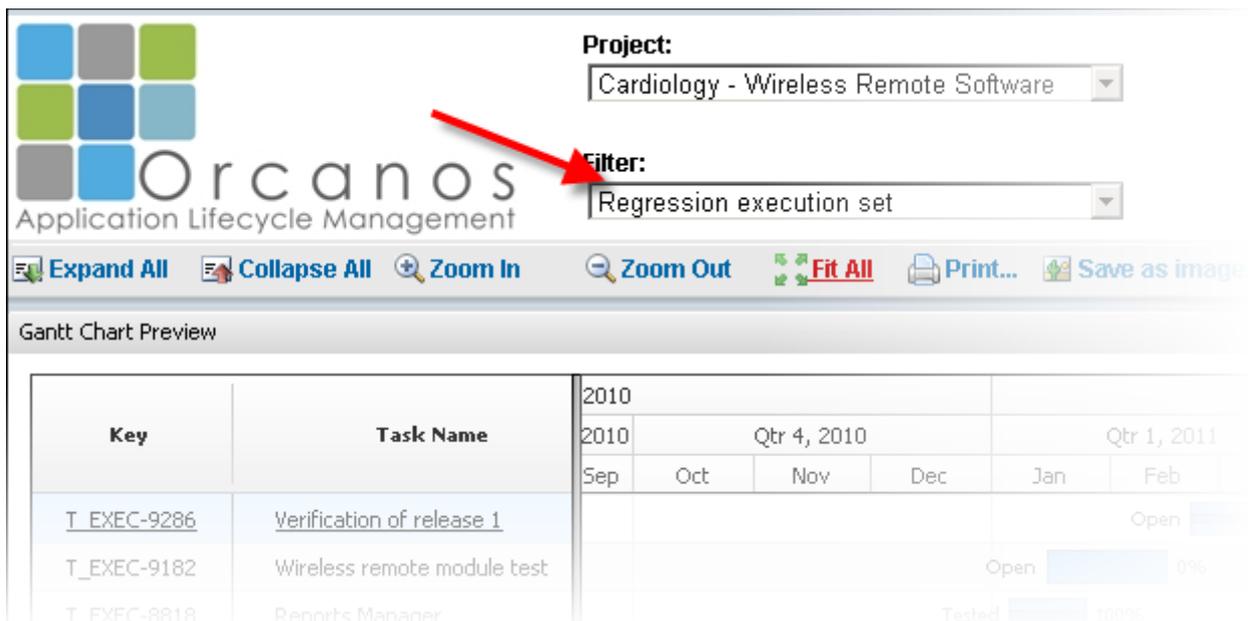





[General](#) | [Related Items](#) | [History](#) | [Column Visibility](#)

Search Field	Search Condition
Assigned To	
Branched	All
Category	
Created By	
Created Date	
Custom Fields	
Description	
Due Date	
Effort Estimation	
Filter By Item	Regression Cardiology software
Find In Discussion	
ID	
In Pool	All
Item Type	Execution Set
Last Test Run Status	
Lock By	
Name	
Order By	

- Open QPack Gantt and select the filter “Regression execution set”



Project: Cardiology - Wireless Remote Software

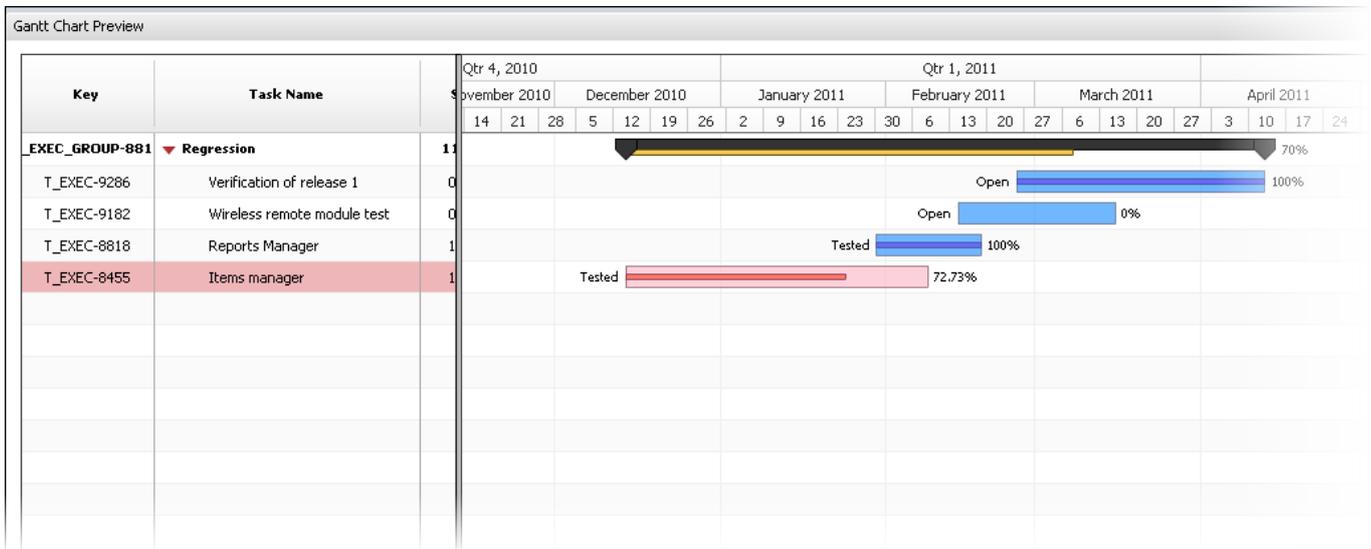
Filter: Regression execution set

Expand All | Collapse All | Zoom In | Zoom Out | Fit All | Print... | Save as image

Gantt: Chart Preview

Key	Task Name	2010				2011	
		Qtr 4, 2010	Qtr 1, 2011				
		Sep	Oct	Nov	Dec	Jan	Feb
T_EXEC-9286	Verification of release 1						Open
T_EXEC-9182	Wireless remote module test					Open	0%
T_EXEC-8818	Reports Manager					Tested	100%

We will use the “Items manager” execution set for our example.



Start date and finish date for each execution set are taken from QPack and can be changed in Gantt.

QPack Gantt will calculate the total execution completion (run/No run) as follows:

- The completion will be total executed (8) / Total test cases in execution (11) = **72.73%** completion
- The total completion of our QA regression plan (Execution set group "**Regression**") is **70%**, derived from the execution sets under the execution group.