

# REAL

RESOURCE ALLOCATION

# REAL Business Case

Solution overview, benefits.

# Business background



Managing resources in project and service organization's is critical to deliver while keeping control of costs, time and quality.

Often processes become complex, time consuming and not user friendly, resulting in inflated overhead and unnecessary information.



## WHO

*IT, Mgmt., Users, PMO & PM*



## WHY

*Savings, Complexity & Time*



## WHEN

*Scalability, Network & Quality*

# Benefit: Resources



- Single centralized info/process
- Light
- Graphical
- Mobile
- No Overheads
- Intuitive

# Benefit: Project Manager



- Coordinate
- Single centralized info/process
- Configurable
- Resources portfolio
- Resource negotiation

# Benefit: Management



- Dashboard
- Planning
- Budgeting
- PMO
- Real-time status
- Overall performances
- Immediate ROI

# Benefit: IT Manager



- Fast implementation / ROI
- Buy vs Make
- Secure
- Open DATA
- Extensible
- Fast performance / scalable
- Multi platform

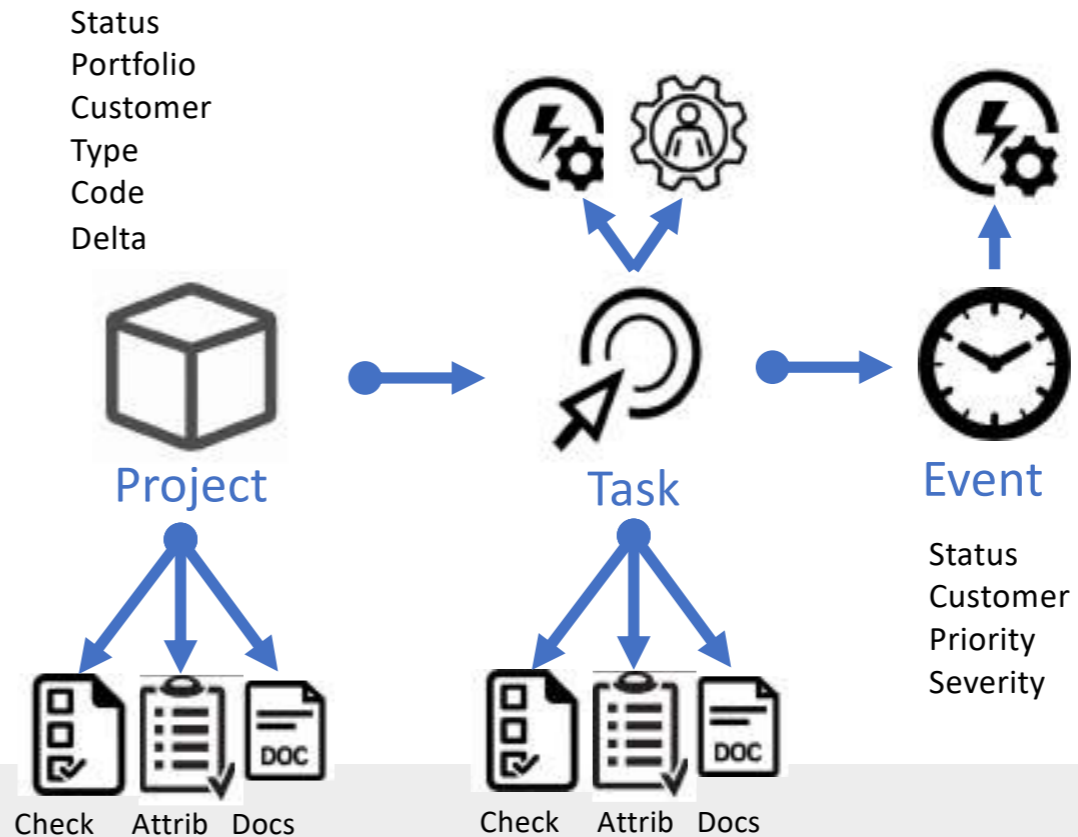
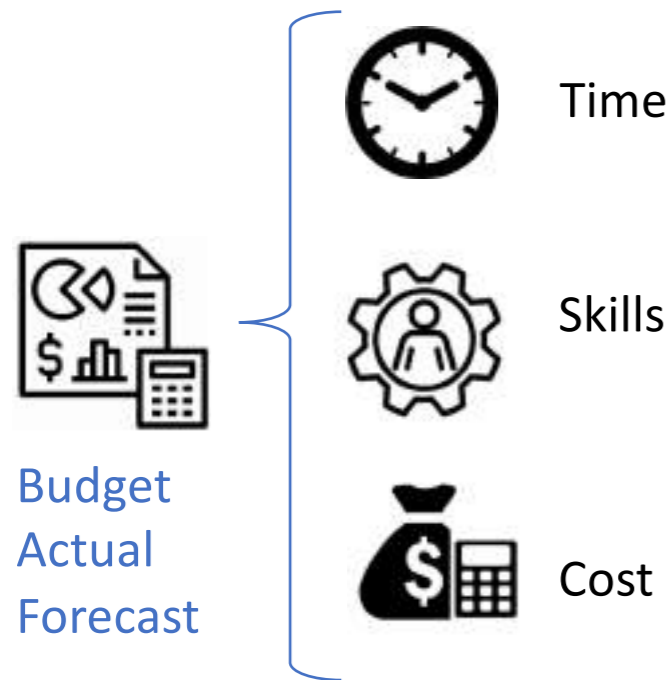
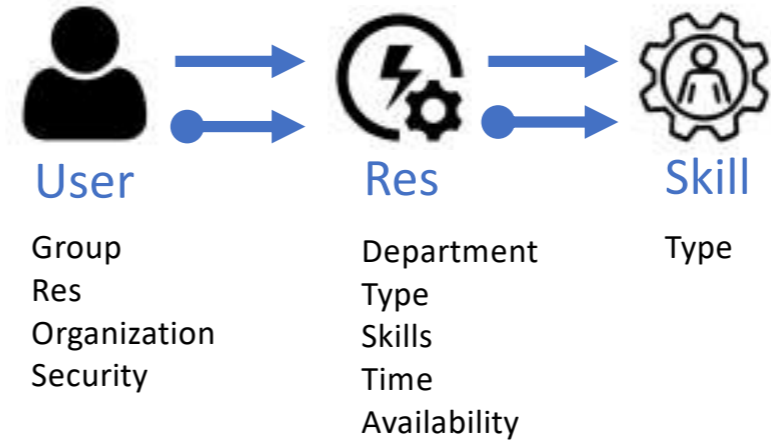
# Benefit: Partner










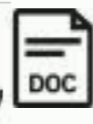










- Augmented consultancy
- Offer portfolio
- Buy vs Make
- Extended Customer Retention
- Open DATA / Pivoting
- Branding
- Configuration / Expandability
- Process modelling
- Cloud



# Entities Structure



# Roles

External	User	PM	PMO	Dept/Pool	Admin
 	     	 	  	  	 
<p>Custom Forms</p>	<p><i>Time sheet</i> <i>Document</i> <i>Messages</i> <i>Task</i> <i>Actions</i></p>	<p><b>Project</b> <i>Planning</i> <i>Manage</i> <i>Reporting</i> <i>Status</i></p>	<p><b>Portfolios</b> <i>Manage</i> <i>Proj Approve</i> <i>Reporting</i> <i>Bdg/Fct</i></p>	<p><b>Resource</b> <i>Plan</i> <i>Approve</i> <i>Reporting</i> <i>Bdg/Fct</i></p>	<p><b>System</b> <i>User</i> <i>Security</i> <i>Continuity</i></p>

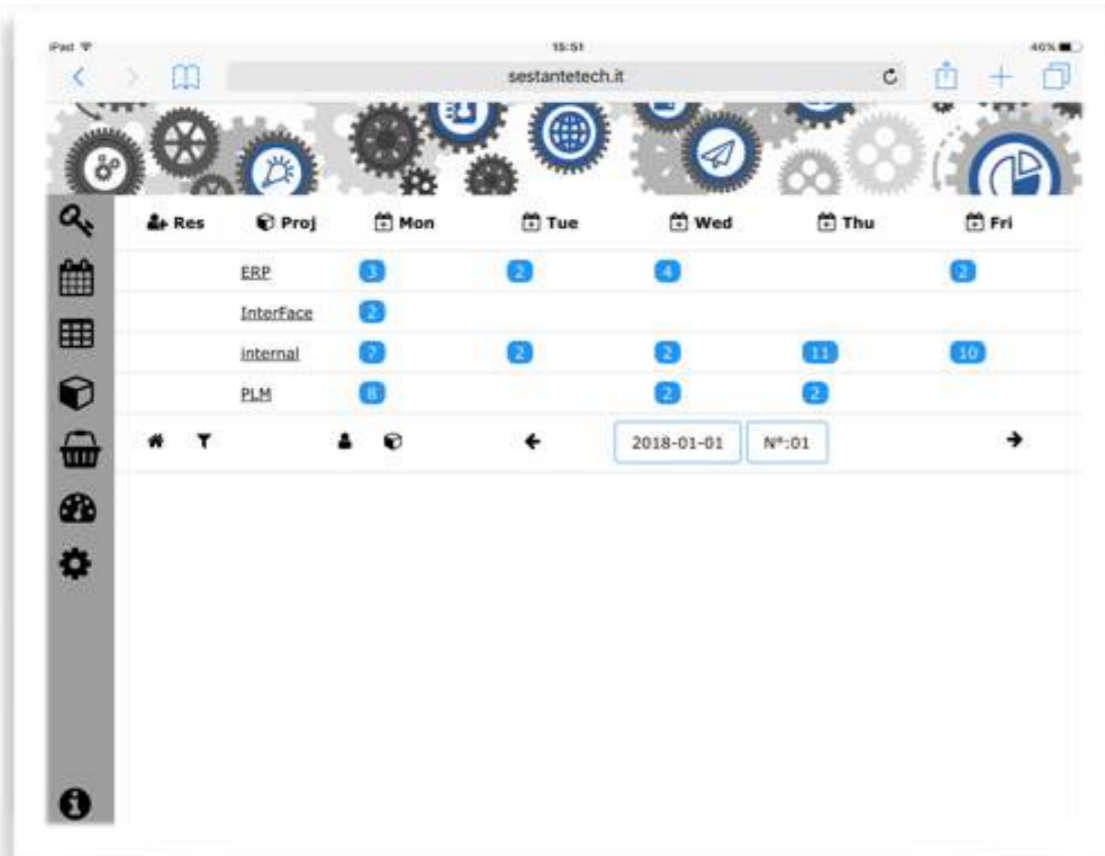
# Resource marketplace and planner



A light multi-platform web tool allows resource allocation in a fast and effective way. Users will find it unobtrusive and managers can control progress and efforts in a shared PMO.

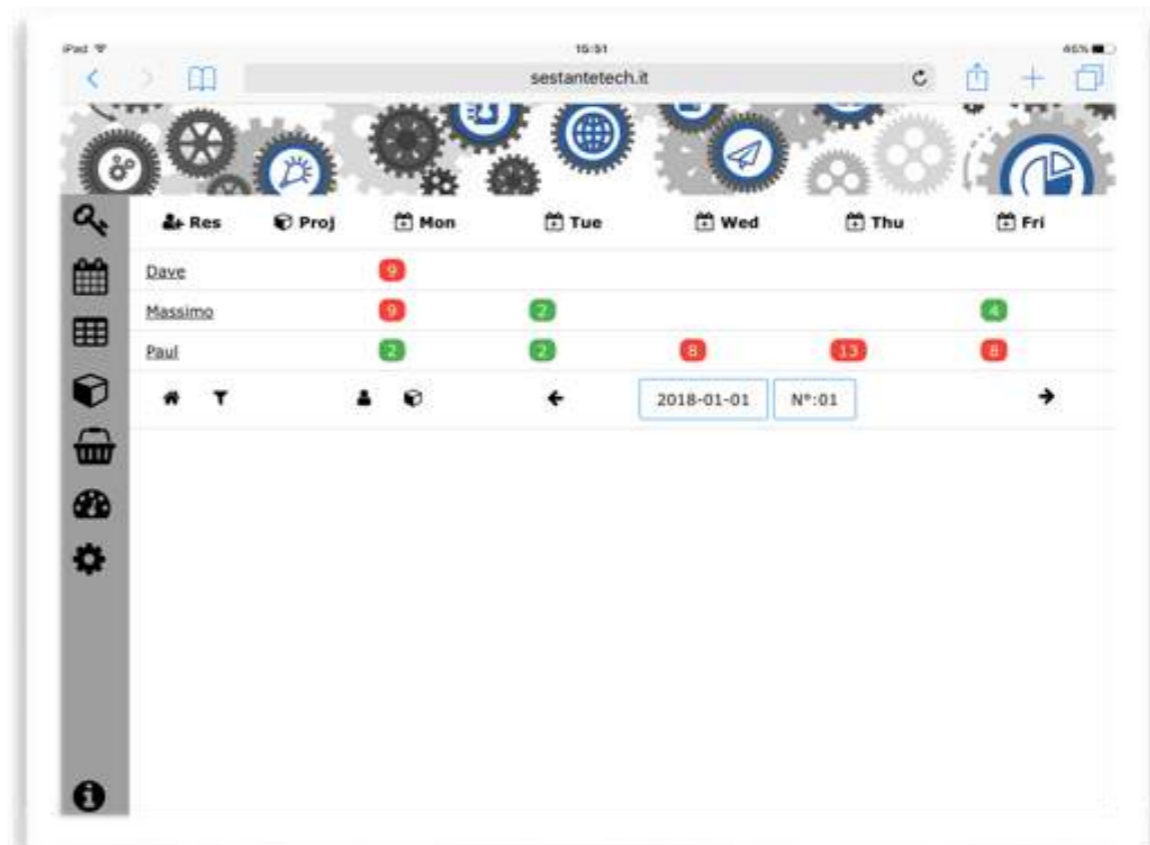
Collaborative model allows information sharing while maintaining and enforcing processes and single point of truth.

# Time allocation

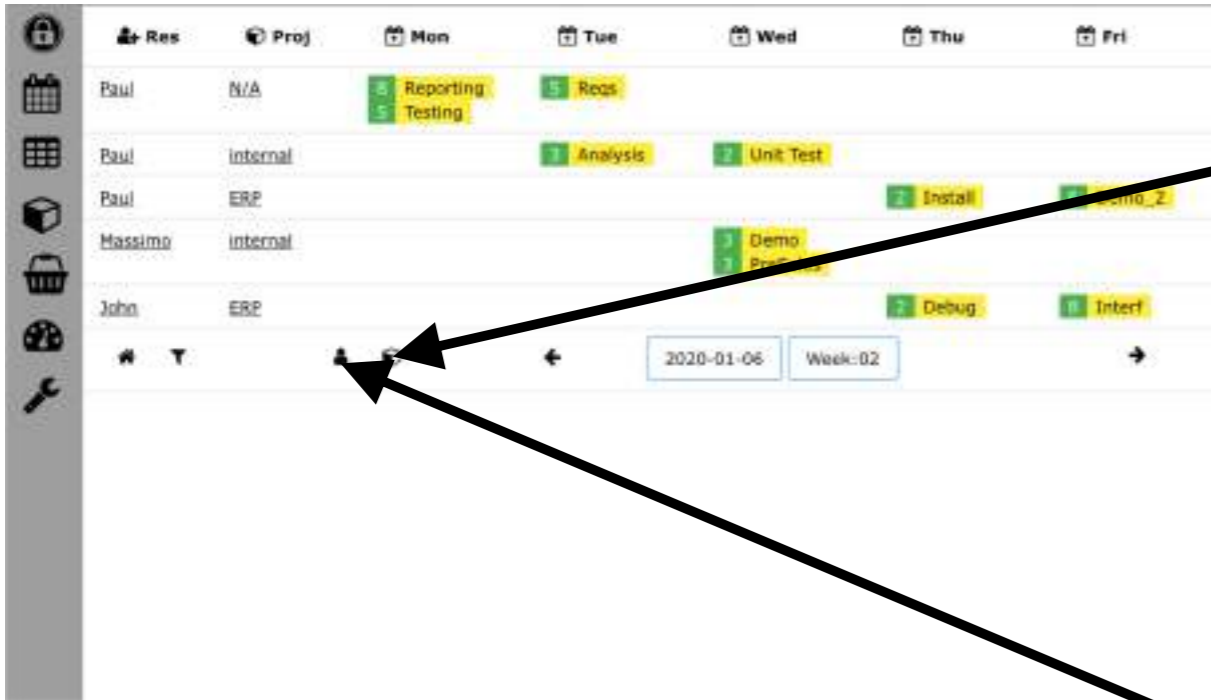


*Resource view displays all events grouped per resource. Color coding allows to visually display overbooking and resource availability. Every item in the view is clickable and active. Mouseover displays additional information.*

*Project view displays all projects and time allocated per project in the week. Every item in the view is clickable and active. Mouseover displays additional information.*



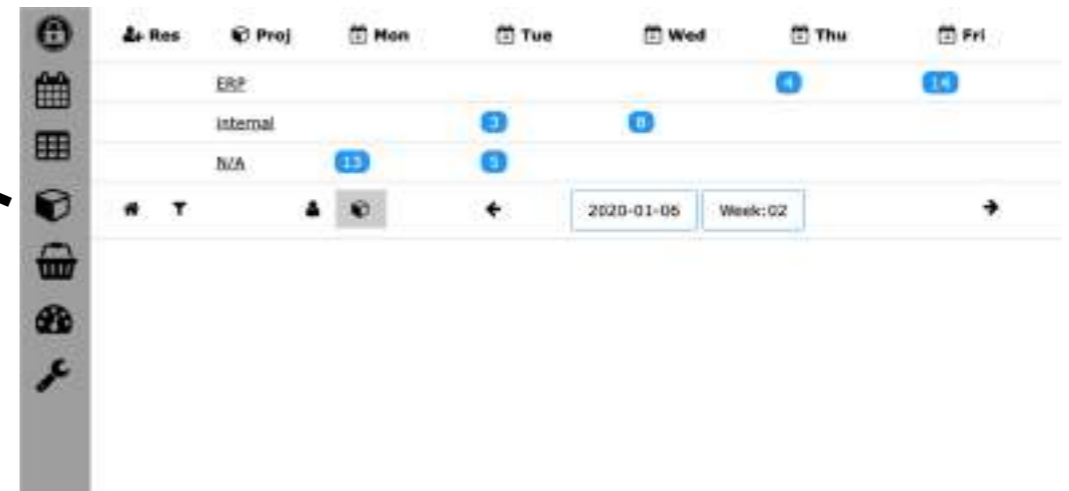
# Time Management



Resource booking tableau

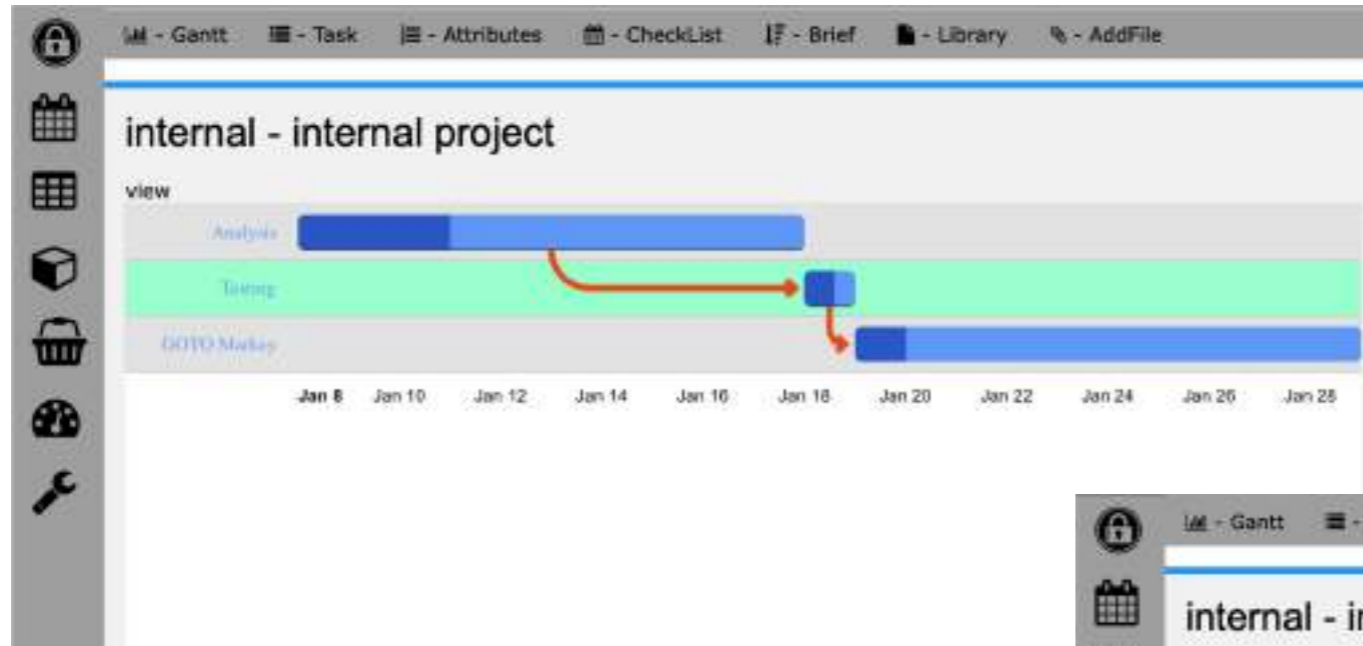


On the fly time by resources with threshold



On the fly time by project

# Project Management



Project GANTT and master resource planner provide a complete Dashboard to project managers.

The screenshot shows a table view of the project tasks. The table has columns for name, planstart, planduration, planeffort, curpct, prename, and wbs. Below the table are buttons for Save, Discard, and a Filter input field.

name	planstart	planduration	planeffort	curpct	prename	wbs
Analysis	2020-01-09	10	10	30		
Testing	2020-01-19	1	3	60	Analysis	
GOTO Markey	2020-01-20	10	30	10	Testing	

# Smart Allocation



REAL implements a resource “marketplace” with skills/characteristic search & match.

The screenshot shows a mobile application interface on an iPad. A vertical sidebar on the left contains several icons: a padlock, a calendar, a grid, a cube, a shopping basket, a globe, and a wrench. The main content area displays a table with three columns: 'title', 'start', and 'hours'. The table lists various tasks and their corresponding start dates and durations.

title	start	hours
Reporting	2020-01-06	8
Testing	2020-01-06	5
Reqs	2020-01-07	5
Analysis	2020-01-07	3
Unit Test	2020-01-08	2
Install	2020-01-09	2
Demo_2	2020-01-10	6
GoLive	2020-01-11	3

# Project admin

The screenshot shows a 'Create new Project' form with the following fields and values:

- Project Title: [Empty]
- Start Date - AAAA-MM-DD: 2020-01-06
- Proj Name: [Empty]
- Customer Name: Internal
- Create from Template: N/A
- Note: [Empty text area]
- Mark as Template:

Buttons at the bottom: Create, Create from template, Cancel.

New project creation

The screenshot shows the 'Capacity' and 'Portfolios' admin interface. The 'Capacity' section contains a table with one row:

Resource	Start Date	Num° Days	Nours per day	Note
Paul	2020-01-06	200	8	

An 'Add plan' button is located to the right of the table.

The 'Portfolios' section contains a table with three rows:

name	note	statusID
NA	internal projects	HIDDEN
Mandatory	Mandatory allocated projects	HIDDEN
Optional	Optional projects	HIDDEN

Buttons at the bottom: Save, +, Discard, Filter .., navigation arrows, and N°=0/3.

Project, Capacity, Portfolio admin



# Dashboards

Dashboard view displays relevant information This view is customizable per customer.



# Analysis BI tools

Capacity by skills

Capacity	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
REPORTING	80	80	88	88	84	88	92	84	88	88	84	76
SQL	320	320	352	352	336	352	320	168	176	176	168	152

Committed	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
IOS	-6	0	0	0	0	0	0	0	0	0	0	0
LINUX	-41	-48	-22	0	0	0	0	0	0	0	0	0
NA	-38	-48	-129	-24	0	0	0	0	0	0	0	0
REPORTING	0	0	-39	-9	0	0	0	0	0	0	0	0
SQL	-24	0	0	0	0	0	0	0	0	0	0	0

Available	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
IOS	-6	0	0	0	0	0	0	0	0	0	0	0
LINUX	-41	-48	-22	0	0	0	0	0	0	0	0	0

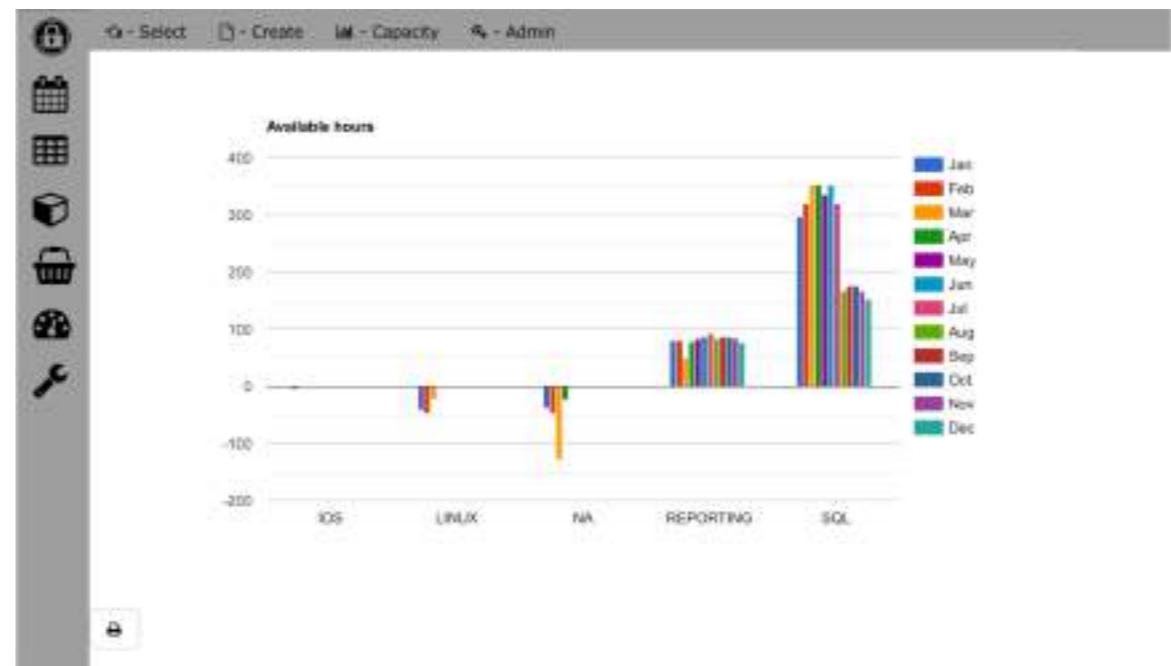
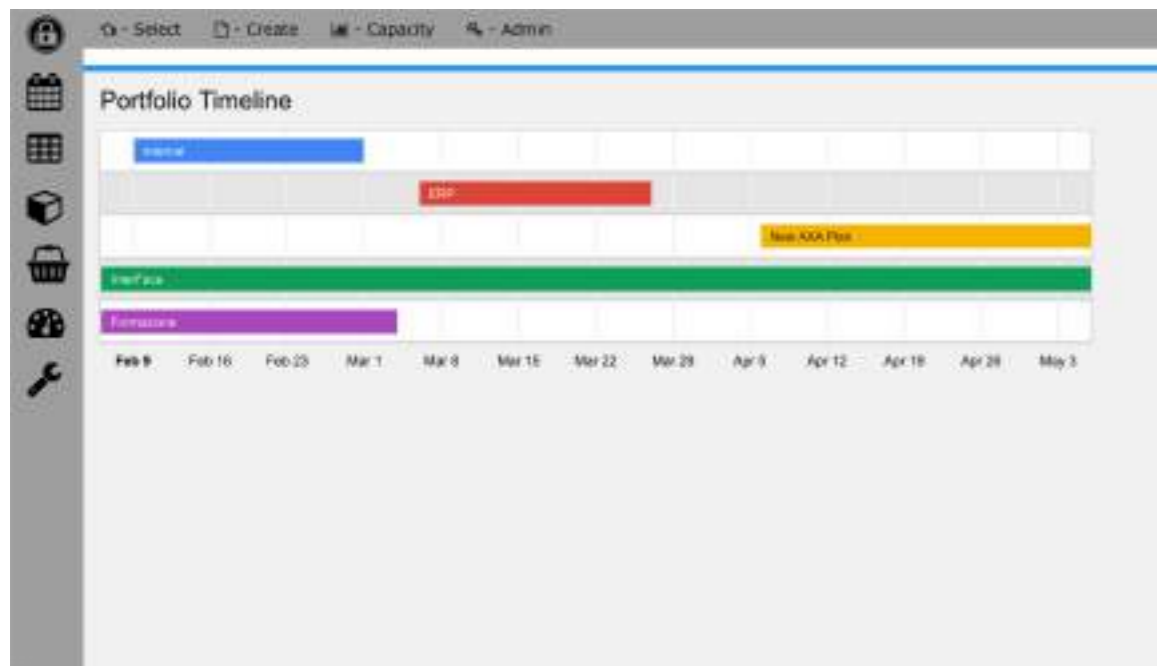
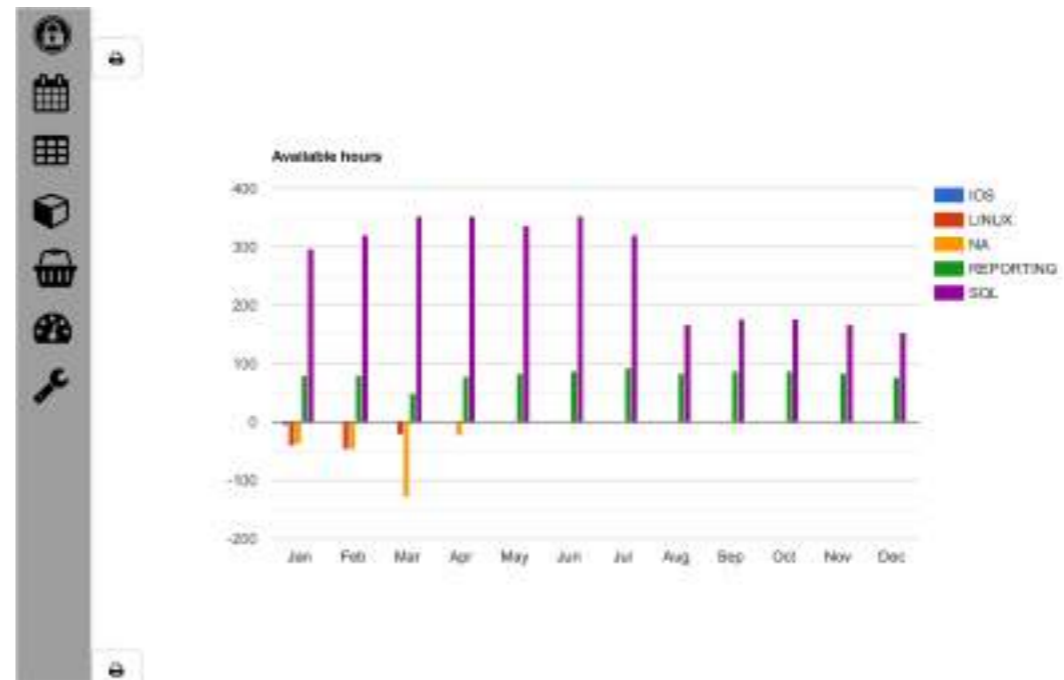
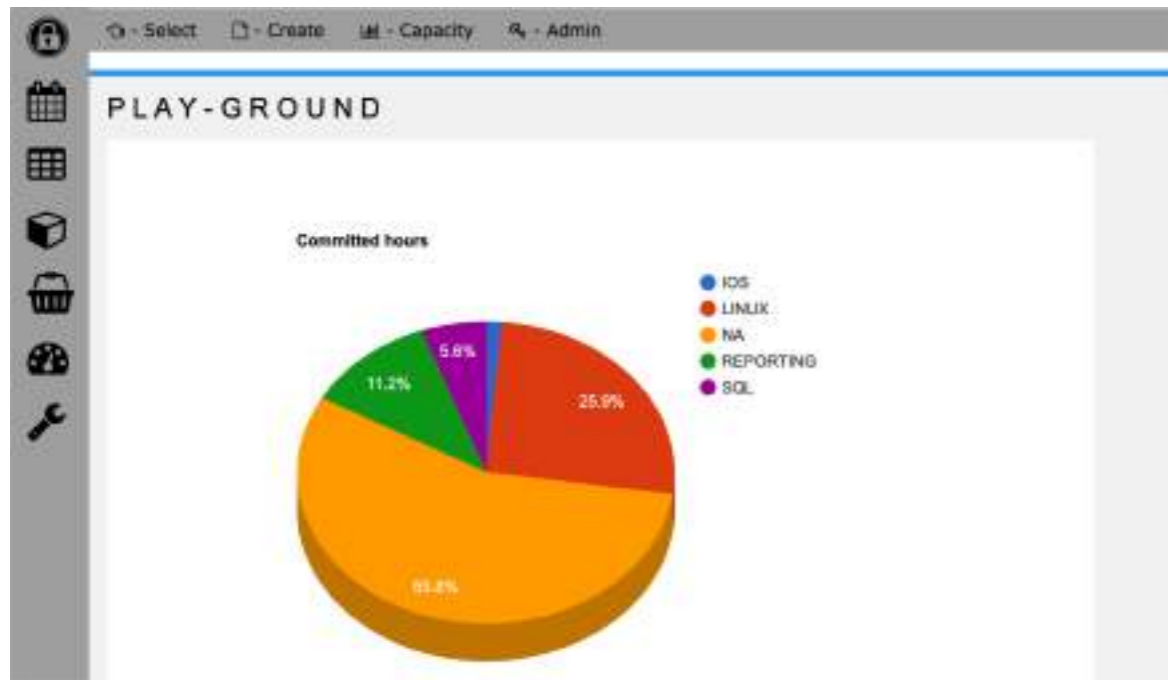
Resource capacity with skills

Resource	Skills	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Dave	REPORTING	80	80	88	88	84	88	92	84	88	88	84	76

Tasks with selected skills

Project	Task	Skill	planstart	planeffort
Interface	Install	REPORTING	2020-03-27	30
Interface	Testing	REPORTING	2020-03-17	30

Master view capacity BUDGET ACTUAL FORECAST, hotspot to drill down over project and resources



# Open database

The screenshot shows a web-based database management interface. At the top, there are navigation links for 'Beta', 'Capacity', and 'Admin'. Below this is a 'Query selection' section with a text input field containing the SQL query: 'SELECT ID,name,text,note FROM query WHERE ID='37''. To the right of the input field is a 'Load' button. Below the input field is a text area containing 'Esempio di query multidata'. At the bottom of the query selection section are 'Exec' and 'Export' buttons. A blue arrow points from the 'Export' button to the text 'Extract in native Excel(tm) format'. Below the query selection section is a table with the following data:

ID	title	start	end	hours	resID	projID	milestone	priority	severity	customerID	createdate	updatedate
1	Reporting	2020-01-06	2020-01-06	8	1	1	0	0	0	1	2020-01-19 15:04:25	2020-01-19 15:04:25
2	Testing	2020-01-06	2020-01-06	5	1	1	0	0	0	1	2020-01-19 15:04:25	2020-01-19 15:04:25
3	Reqs	2020-01-07	2020-01-07	5	1	1	0	0	0	1	2020-01-19 15:04:25	2020-01-19 15:04:25
4	Analysis	2020-	2020-	3	1	2	0	0	0	2	2020-01-19	2020-01-19

Active-Query output

Extract in native Excel<sup>(tm)</sup> format

Database is SQL and fully documented customer can create custine query and reports to visualize and extract data:

# Admin GUI

**Administrator**  
Massimo from this page you can perform admin tasks on REAL system:

Buttons: Administer Database, List & Edit Events, List LOG, Language, Users, Group, User-Group, Organization, Object, Group, Group-Object, Departments, Resources, Skills, Profile, Pools, Customers, Projects, Task type, Params, Interface, XML, EXCEL, CSV.

<input type="checkbox"/>	name	skillset	Hide
<input type="checkbox"/>	NA	IT	<input type="checkbox"/>
<input type="checkbox"/>	ANALYSIS	IT	<input type="checkbox"/>
<input type="checkbox"/>	HTML	IT	<input type="checkbox"/>
<input type="checkbox"/>	SQL	IT	<input type="checkbox"/>
<input type="checkbox"/>	LINUX	IT	<input type="checkbox"/>
<input type="checkbox"/>	REPORTING	IT	<input type="checkbox"/>
<input type="checkbox"/>	IOS	IT	<input type="checkbox"/>
<input type="checkbox"/>	Proj Mgmt	MGMT	<input type="checkbox"/>
<input type="checkbox"/>	Account	MGMT	<input type="checkbox"/>
<input type="checkbox"/>	Business Analysis	MGMT	<input type="checkbox"/>

Save + Discard Filter .. |< < N°=0/10 > >|

<input type="checkbox"/>	name	type	active	init	poolID	note	userID	maxdayhours	hideBOOL	orgID	skillsID
<input type="checkbox"/>	Paul	1	1	RT	Con: ↓		Gue ↓ 8		<input type="checkbox"/>	De ↓	HTM ↓
<input type="checkbox"/>	Messim	1	1	MA	Con: ↓		Gue ↓ 8		<input type="checkbox"/>	De ↓	SQL ↓
<input type="checkbox"/>	John	1	1	JR	Con: ↓		Sys ↓ 8		<input type="checkbox"/>	De ↓	LINL ↓
<input type="checkbox"/>	Dave	1	1	DM	Con: ↓		Sys ↓ 8		<input type="checkbox"/>	De ↓	REPT ↓

Save + Discard Filter .. |< < N°=0/4 > >|

Administration is full graphical ( tablet ready )



Designed from the ground-up to provide **high performance** and scalability, tuned for high performance on different HW



Based on an **Open Architecture database**, the customer can connect to the database to perform ad-hoc analysis or extensions



Fully **configurable** administration is based on graphical interface. The banner is configurable with customer logo/image. Help pages fully configurable per customer.



Data can be exported in various formats to support **integration and interfaces** with other tools and systems



Available on **CLOUD** with fully managed model (dedicated instance and dedicated database) or on premises



Native WEB ( HTML ) application, developed and tested over **multiple platforms** (IE, Safari, Firefox, CHROME) and devices ( PC, MAC, iPad, Tablets, Smartphone\* )  
(\* ) *Some limit apply*



**Consultancy** program available for customers to configure REAL to their processes and business model.

# Entry vs Enhanced

	Entry	Enhanced
Cloud	X - Shared	X - Dedicated
Departments	-	X
DashBoards and Reports	X	(Extendable)
Customization ( custom fields )	-	X
Open Database	-	X
Data extractor	Basic	(Extendable)
Custom Help	-	X
Document Management	-	X
Mobile	X	X
Yearly Subscription	X	(License)
Unlimited Users	-	X

# GRAZIE



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