

# Project management

©Frederic Kerdraon

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## Contents

### 1 Introduction

This document summarizes all the important informations necessary to facilitate things and remove a lot of stress. It's been put together thanks to  $\text{\LaTeX}$ . This is designed to help make optimal decisions for a not so short lifetime.

### 2 Management summary

Before starting a new project, you'd better find some supporters...

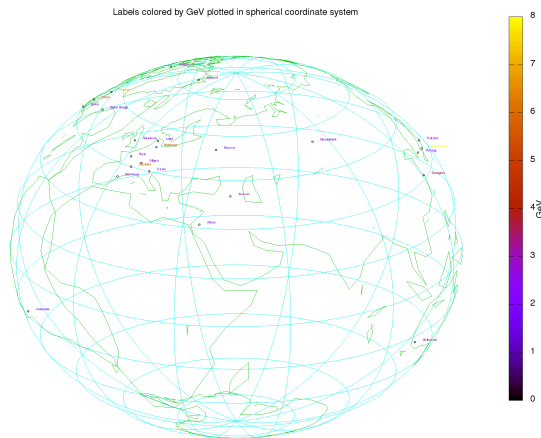
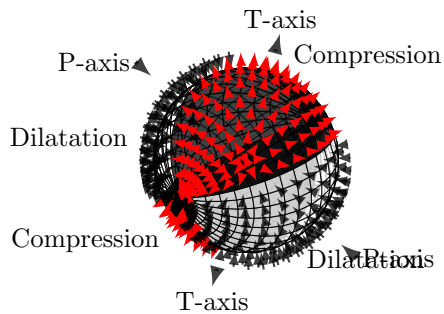


Figure 1: Connections

## 2.1 Summary

### 2.1.1 The logo for the Project management



Seismic focal mechanism and Pressure-Tension axis.

### 2.1.2 The green side first !

Tasks that we couldnt complete in time

Highest investment or Budget (time and monney)

Resources that deserve hols

Tasks that we dont want to fuck up (critical path of the highest investment)

### 2.1.3 The new challenges ahead !

Highest investment or Budget (time and monney)

Tasks that we couldnt complete in time

Resources that need to move their asses

Tasks that we dont want to fuck up (critical path of the highest investment)

## 2.2 Events

From events (Meetings, Deliverables)

Events			
Date	Type	Name	Template
0000-00-00 00:00:00	Deliverable	Inception	Inception.tex
0000-00-00 00:00:00	Deliverable	Specification	Specification.tex
0000-00-00 00:00:00	Deliverable	Clearchoice	Clearchoice.tex
0000-00-00 00:00:00	Deliverable	External design	External design.tex
0000-00-00 00:00:00	Deliverable	Internal design	Internal design.tex
0000-00-00 00:00:00	Deliverable	Test documentation	Test documentation.tex
0000-00-00 00:00:00	Deliverable	Release notes	Release notes.tex
0000-00-00 00:00:00	Deliverable	Post implementation review	Post implementation revie
0000-00-00 00:00:00	Deliverable	Support documentation	Support documentation.tex
0000-00-00 00:00:00	Deliverable	Inception	Inception.tex
0000-00-00 00:00:00	Deliverable	Specification	Specification.tex
0000-00-00 00:00:00	Deliverable	Clearchoice	Clearchoice.tex

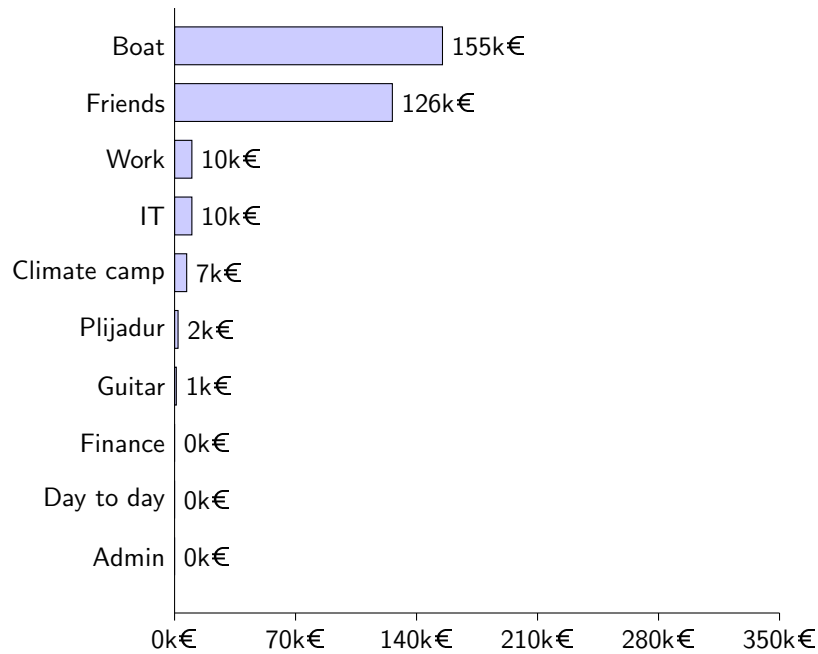
0000-00-00 00:00:00	Deliverable	External design	External design.tex
0000-00-00 00:00:00	Deliverable	Internal design	Internal design.tex
0000-00-00 00:00:00	Deliverable	Test documentation	Test documentation.tex
0000-00-00 00:00:00	Deliverable	Release notes	Release notes.tex
0000-00-00 00:00:00	Deliverable	Post implementation review	Post implementation revie
0000-00-00 00:00:00	Deliverable	Support documentation	Support documentation.tex
0000-00-00 00:00:00	Birthday	Annif Antoine	Annif Antoine.tex
0000-00-00 00:00:00	Meeting	Council	Council.tex
0000-00-00 00:00:00	Meeting	Council	Council.tex
0000-00-00 00:00:00	Daily	Daily setup	ManagementSummary.pdf
0000-00-00 00:00:00	Daily	Daily setup	ManagementSummary.pdf
0000-00-00 00:00:00	Event	Renewal Ins Auto	Letter.pdf
0000-00-00 00:00:00	Event	Renewal Ins Bateau	Letter.pdf
0000-00-00 00:00:00	Event	Renewal Ins Maison	Letter.pdf
0000-00-00 00:00:00	Event	Car servicing	Letter.pdf
0000-00-00 00:00:00	Event	Renewal paiement card	Letter.pdf
0000-00-00 00:00:00	Event	Taxes declaration	Letter.pdf
0000-00-00 00:00:00	Event	Taxes paiement	Letter.pdf
0000-00-00 00:00:00	Event	Christmas tree Apologic	Letter.pdf
0000-00-00 00:00:00	Event	Birthday me	Birthday me.tex
0000-00-00 00:00:00	Event	Birthday Juliette	Birthday Juliette.tex
0000-00-00 00:00:00	Event	Birthday Thibault	Birthday Thibault.tex
0000-00-00 00:00:00	Event	Birthday Emilie	Birthday Emilie.tex
0000-00-00 00:00:00	Event	Birthday Antoine	Birthday Antoine.tex
0000-00-00 00:00:00	Event	Poker tour St Meen	Poker tour St Meen.tex
0000-00-00 00:00:00	Event	Clean the deck	Clean the deck.tex
0000-00-00 00:00:00	Event	Clean the deck	Clean the deck.tex
0000-00-00 00:00:00	Event	Clean the deck	Clean the deck.tex
0000-00-00 00:00:00	Event	Clean the deck	Clean the deck.tex
0000-00-00 00:00:00	Event	Clean the deck	Clean the deck.tex
0000-00-00 00:00:00	Event	Clean the deck	Clean the deck.tex
...	...	...	...

### 2.2.1 Tasks aggregated

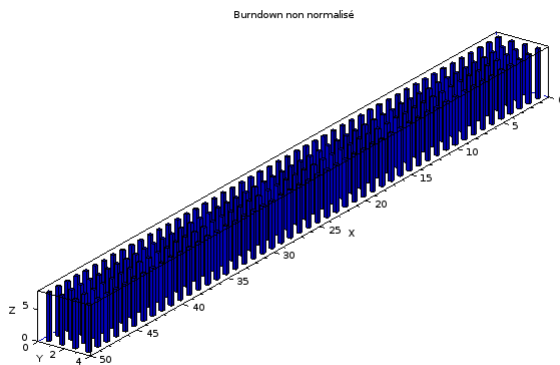
Ajouter time to expiry, Feasible time, Feasible Budget, Feasible Complexity/Risks RAF, Done, Completion perc, Maturity

Tasks		
Project	ROI	Complexity
Boat	15537	273
Friends	12601	30
Work	1000	2
IT	1000	29
Climate camp	750	4
Plijadur	200	46

Guitar	102	329
Finance	82	9
Day to day	1	22
Admin	0	9



### 2.2.2 Tasks 3D burndown



### 2.2.3 Tasks detailed

Tasks					
Project	Task	Return	Cost	R/C	NumDays
Boat	Sell Plijadur	15000	1	15000	10

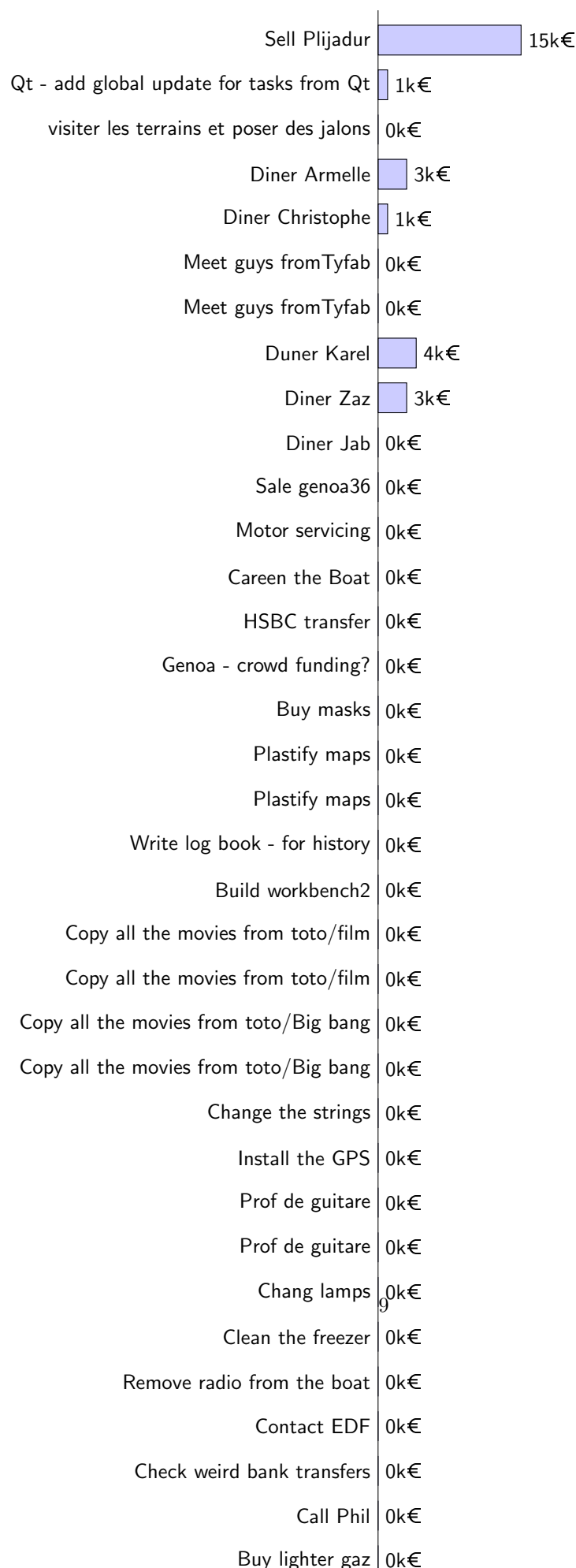
IT	Qt - add global update for tasks from Qt	1000	1	1000	10
Climate camp	visiter les terrains et poser des jalons	750	1	750	10
Friends	Diner Armelle	3200	5	640	10
Friends	Diner Christophe	1200	2	600	10
Work	Meet guys fromTyfab	500	1	500	10
Work	Meet guys fromTyfab	500	1	500	10
Friends	Duner Karel	4000	10	400	10
Friends	Diner Zaz	3800	10	380	10
Friends	Diner Jab	400	2	200	10
Boat	Sale genoa36	150	1	150	10
Boat	Motor servicing	100	1	100	10
Boat	Careen the Boat	90	1	90	10
Finance	HSBC transfer	80	1	80	10
Boat	Genoa - crowd funding?	50	1	50	10
Boat	Buy masks	40	1	40	10
Plijadur	Plastify maps	40	1	40	10
Plijadur	Plastify maps	40	1	40	10
Boat	Write log book - for history	35	1	35	10
Boat	Build workbench2	20	1	20	10
Plijadur	Copy all the movies from toto/film	20	1	20	10
Plijadur	Copy all the movies from toto/film	20	1	20	10
Plijadur	Copy all the movies from toto/Big bang	10	1	10	10
Plijadur	Copy all the movies from toto/Big bang	10	1	10	10
Guitar	Change the strings	87	25	3.48	10
Boat	Install the GPS	20	7	2.85714285714286	10
Plijadur	Prof de guitare	30	20	1.5	10
Plijadur	Prof de guitare	30	20	1.5	10
Boat	Chang lamps	10	8	1.25	10
Boat	Clean the freezer	10	9	1.11111111111111	10
Boat	Remove radio from the boat	1	1	1	10
Finance	Contact EDF	1	1	1	10
Finance	Check weird bank transfers	1	1	1	10
Friends	Call Phil	1	1	1	10
Day to day	Buy lighter gaz	1	1	1	10
Guitar	Change the strings	15	89	0.168539325842697	10
Boat	Install a line on the fishing rod	1	14	0.0714285714285714	10
Boat	Clean the deck	1	15	0.0666666666666667	10
Boat	Grease the helm	1	16	0.0625	10
Boat	Clean the sofas	1	17	0.0588235294117647	10
Boat	Clean the inox	1	18	0.0555555555555556	10
Boat	Check the anchorage	1	20	0.05	10
Boat	Install sound	1	22	0.0454545454545455	10
Boat	Check battery connexions	1	23	0.0434782608695652	10
Boat	Fix the 12v on the rack	1	24	0.0416666666666667	10
Boat	Change camping stove support	1	25	0.04	10
Boat	Varnish the woods	1	28	0.0357142857142857	10

Finance	Sell guitar	0	1	0	10
Day to day	Ben Harper tatoo	0	1	0	10
Day to day	Find back crew Plijadur	0	1	0	10
Finance	Update LinkedIn	0	1	0	10
Finance	Get a lawyer	0	1	0	10
Health	Go horse riding	0	1	0	10
Health	Find a badminton spot	0	1	0	10
Finance	Meeting taxes	0	1	0	10
Finance	Calculate Australian project	0	1	0	10
Day to day	Contact PHD	0	1	0	10
Day to day	Call Christine	0	1	0	10
Health	Contact Jean Mich	0	1	0	10
Health	Contacter Laurent Le bras	0	1	0	10
Health	Create a football team	0	1	0	10
IT	Scanner	0	1	0	10
IT	Qt - Add combo box category for tasks	0	1	0	10
IT	Qt - plug the graphs (all of them)	0	1	0	10
IT	Qt - try to get progress bar to move	0	1	0	10
IT	Qt - Add combo box status for tasks	0	1	0	10
IT	Qt - Add combo box prority for tasks	0	1	0	10
IT	Qt - Add small calendar for start and end dates	0	1	0	10
IT	Scilab - Manage interpolation	0	1	0	10
IT	Qt - add completion for tasks research	0	1	0	10
IT	Joomla - Fill in the pages automatically	0	1	0	10
IT	Joomla - Implement an insert into the database	0	1	0	10
IT	Qt update colors of tasks depending on priority	0	1	0	10
IT	Mysql - Check data	0	1	0	10
IT	Perl - Get global variables	0	1	0	10
IT	Data - Check the numbers	0	1	0	10
IT	Add the nice graph to the Stocks paper	0	1	0	10
IT	Multiplex sound	0	1	0	10
IT	Scan photos	0	1	0	10
IT	Find protection N95	0	1	0	10
Admin	Check references	0	1	0	10
IT	Implement Android (On the laptop)	0	1	0	10
IT	Implement Clips	0	1	0	10
IT	Copy researchwork to office desktop	0	1	0	10
IT	Qt - add delete row tasks	0	1	0	10
IT	Qt - add update for tasks	0	1	0	10
IT	Mysql - Generate Ids automatically	0	1	0	10
IT	Installer NetBeans	0	1	0	10
Guitar	Prices index	0	53	0	10
Guitar	Clean the Startocaster	0	54	0	10
Guitar	Change the strings	0	1	0	10
Boat	Make winter covers for Plijadur	0	1	0	10
Climate camp	visiter les terrains et poser des jalons	0	1	0	10

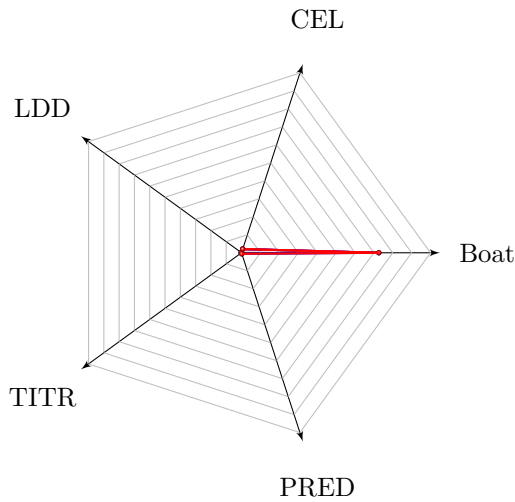
Admin	Add St Meen to the calendrier	0	1	0	10
Admin	Pay baillif for the Castel harbour	0	1	0	10
Admin	List accesses	0	1	0	10
Climate camp	Plant seeds	0	1	0	10
Finance	Pay Alfa	0	1	0	10
Admin	Manage historical revenues	0	1	0	1
Admin	Transfert MDP agenda 2014	0	1	0	1
Admin	Declare revenues	0	1	0	1
Guitar	Prices index	0	53	0	1
Boat	Complete description	0	1	0	1
Guitar	Clean the Startocaster	0	54	0	1
Climate camp	Plant seeds	0	1	0	1
Day to day	Check for storage	0	1	0	1
Day to day	Polish glasses	0	1	0	1
IT 1	Add Linux 0	News 10	Sports	Admin	0
IT	Check the size of the pictures and homogenize	0	1	0	1
Boat	Photo Facebook + Photos Blog + Videos	0	1	0	1
Boat	For sale Jeanneau	0	1	0	1
Boat	Price 30	0	1	0	1
Boat	Clean up external company	0	1	0	1
Boat	Percentage Broker	0	1	0	1
Boat	Link to the vendor - <a href="http://www.jeanneau.fr/">http://www.jeanneau.fr/</a>	0	1	0	1
Day to day	Use lifting barr	0	1	0	1
Boat	Build workbench	0	1	0	1
Day to day	Buy a camping chair	0	1	0	1
Day to day	Acheter cadre	0	1	0	1
Day to day	Get back the portable freezer	0	1	0	1
Day to day	Installer musculation engine	0	1	0	1
Day to day	Buy black gloves	0	1	0	1
Day to day	Get back tools from Zaz	0	1	0	1
Day to day	Buy guitar Titi	0	1	0	1
Day to day	Get the musculation stuff up stairs	0	1	0	1
Day to day	Get back stuff Jessica	0	1	0	1
Day to day	scanners les docs	0	1	0	1
Day to day	Photos of my stuff	0	1	0	1
Day to day	Add consumption to the IT tools	0	1	0	1
Day to day	Make list of books	0	1	0	1
Car	Change oil	0	1	0	1
Car	Clean up the car	0	1	0	1
Day to day	Add birthdays on the calendar	0	1	0	1
Admin	Sell guitar stand	0	1	0	1
Admin	Regroup contacts by town	0	1	0	1
Boat	Interior clean up	0	1	0	1
Boat	Sale genoa	0	1	0	1
Boat	Check keel	0	1	0	1

Boat	Rent of the boat	0	1	0	1
Boat	Check VHF	0	1	0	1
Boat	Check nautical maps	0	1	0	1
Boat	Sale genoa Lorient	0	1	0	1
Boat	Repair electric rack	0	1	0	1
Car	Faire reparer la clim de l'alfa	0	1	0	1
Boat	Write log book	0	1	0	1





#### 2.2.4 Sponsors



#### 2.2.5 Risks

Not enough budget, Not enough resources (including me)

#### 2.2.6 Targets

From Gantt

#### 2.2.7 Propositions from Artificial Intelligence

From Gantt

### 3 Associated Project Management

From now on we focus on one single project, else it's gonna be messie

#### 3.1 Deliverables

From events.csv

#### 3.2 Gantt

Pour que le Gantt soit a sa place!!!!

#### 3.3 Burn down

From tasks.csv + Dispo weekly of each resource

Calcul de vitesse

s=speed

p=position

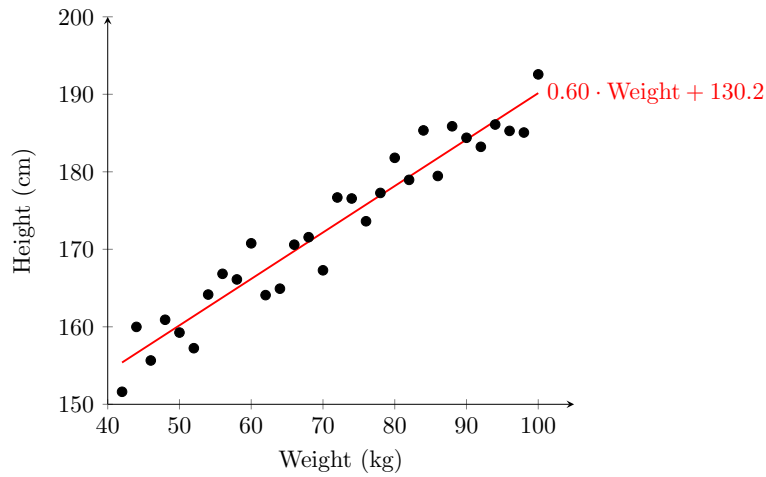
n=number of units

t=time  
s=n/t

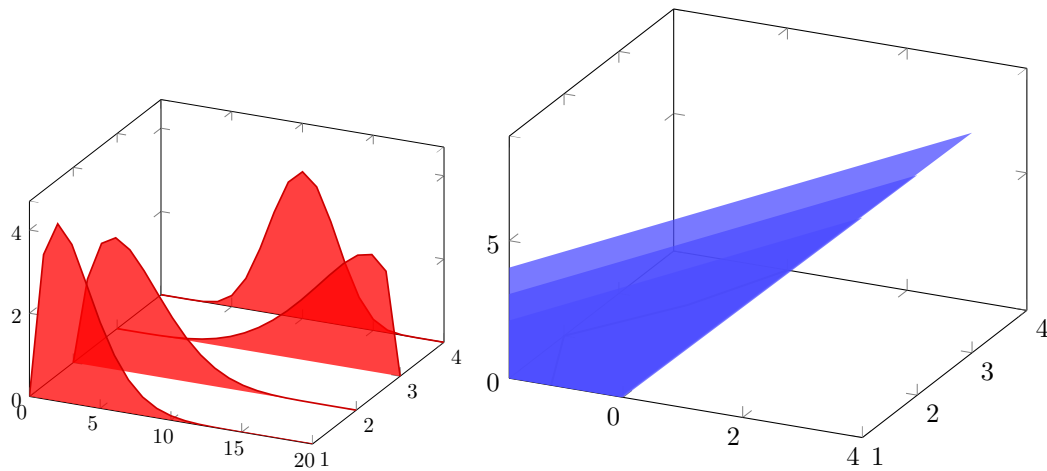
Projection lineaire

$y=s \cdot x+p$

Theoretical end



### 3.3.1 Perfect Burndown



## 3.4 Resources

Top 10 resources to take care of

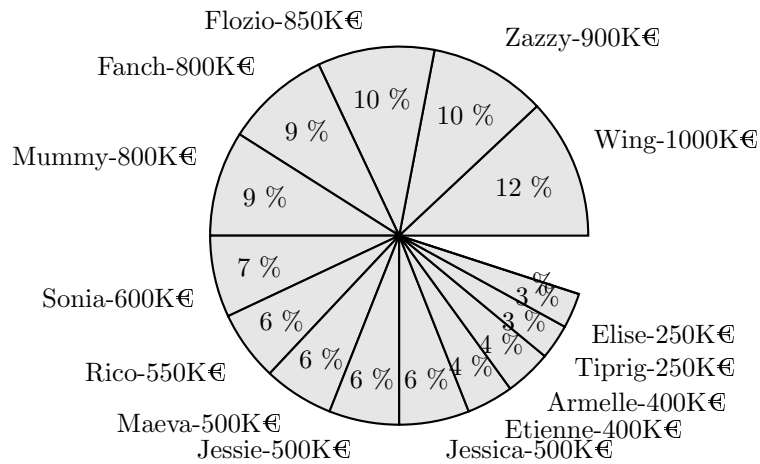
Workload (days, percentage time, stress, fatigue sum of days without break, ambition) Diagramme en étoile per deliverable

Rates for all the resources

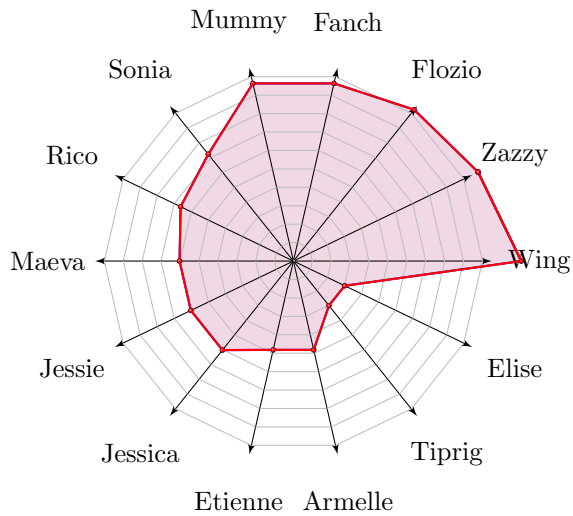
### 3.4.1 Data

Contacts				
ID	Name	Rating	Town	Telephone
101	Wing	1000	HongKong	85296001395
108	Zazzy	900	Brest	33611037735
27	Flozio	850	Brest	33680938975
24	Fanch	800	Brest	33685769214
68	Mummy	800	Brest	33674340108
89	Sonia	600	Rennes	33612425946
83	Rico	550	Brest	33611037992
60	Maeva	500	Brest	33662575512
42	Jessie	500	Brest	33681775660
41	Jessica	500	Brest	699114929
23	Etienne	400	Brest	619144832
2	Armelle	400	Brest	33677134026
96	Tiprig	250	Paris	33663626188
22	Elise	250	????	33614921085
...	...	...	...	...
Total	8300			

### 3.4.2 Cheese



### 3.4.3 Kiviat



### 3.4.4 Star diagram

### 3.5 Tasks

Tasks					
Project	Task	Return	Cost	R/C	NumDays
Boat	Sell Plijadur	15000	1	15000	10
IT	Qt - add global update for tasks from Qt	1000	1	1000	10
Climate camp	visiter les terrains et poser des jalons	750	1	750	10
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Plijadur	Plastify maps	40	1	40	10
Boat	Write log book - for history	35	1	35	10
Boat	Build workbench2	20	1	20	10
Plijadur	Copy all the movies from toto/film	20	1	20	10
Plijadur	Copy all the movies from toto/film	20	1	20	10
Plijadur	Copy all the movies from toto/Big bang	10	1	10	10
Plijadur	Copy all the movies from toto/Big bang	10	1	10	10
Guitar	Change the strings	87	25	3.48	10
Boat	Install the GPS	20	7	2.85714285714286	10
Plijadur	Prof de guitare	30	20	1.5	10
Plijadur	Prof de guitare	30	20	1.5	10
Boat	Chang lamps	10	8	1.25	10

Boat	Clean the freezer	10	9	1.1111111111111111	10
Boat	Remove radio from the boat	1	1	1	10
Finance	Contact EDF	1	1	1	10
Finance	Check weird bank transfers	1	1	1	10
Friends	Call Phil	1	1	1	10
Day to day	Buy lighter gaz	1	1	1	10
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Boat	Check the anchorage	1	20	0.05	10
Boat	Install sound	1	22	0.0454545454545455	10
Boat	Check battery connexions	1	23	0.0434782608695652	10
Boat	Fix the 12v on the rack	1	24	0.0416666666666667	10
Boat	Change camping stove support	1	25	0.04	10
Boat	Varnish the woods	1	28	0.0357142857142857	10
Finance	Sell guitar	0	1	0	10
Day to day	Ben Harper tatoo	0	1	0	10
Day to day	Find back crew Plijadur	0	1	0	10
Finance	Update LinkedIn	0	1	0	10
Finance	Get a lawyer	0	1	0	10
Health	Go horse riding	0	1	0	10
Health	Find a badminton spot	0	1	0	10
Finance	Meeting taxes	0	1	0	10
Finance	Calculate Australian project	0	1	0	10
Day to day	Contact PHD	0	1	0	10
Day to day	Call Christine	0	1	0	10
Health	Contact Jean Mich	0	1	0	10
Health	Contacter Laurent Le bras	0	1	0	10
Health	Create a football team	0	1	0	10
IT	Scanner	0	1	0	10
IT	Qt - Add combo box category for tasks	0	1	0	10
IT	Qt - plug the graphs (all of them)	0	1	0	10
IT	Qt - try to get progress bar to move	0	1	0	10
IT	Qt - Add combo box status for tasks	0	1	0	10
IT	Qt - Add combo box priority for tasks	0	1	0	10
IT	Qt - Add small calendar for start and end dates	0	1	0	10
IT	Scilab - Manage interpolation	0	1	0	10
IT	Qt - add completion for tasks research	0	1	0	10
IT	Joomla - Fill in the pages automatically	0	1	0	10
IT	Joomla - Implement an insert into the database	0	1	0	10
IT	Qt update colors of tasks depending on priority	0	1	0	10
IT	Mysql - Check data	0	1	0	10
IT	Perl - Get global variables	0	1	0	10
IT	Data - Check the numbers	0	1	0	10
IT	Add the nice graph to the Stocks paper	0	1	0	10
IT	Multiplex sound	0	1	0	10
IT	Scan photos	0	1	0	10
IT	Find protection N95	0	1	0	10
Admin	Check references	0	1	0	10
IT	Implement Android (On the laptop)	0	1	0	10
IT	Implement Clips	0	1	0	10
IT	Copy researchwork to office desktop	0	1	0	10
IT	Qt - add delete row tasks	0	1	0	10
IT	Qt - add update for tasks	0	1	0	10
IT	Mysql - Generate Ids automatically	0	1	0	10

IT	Installer NetBeans	0	1	0	10
Guitar	Prices index	0	53	0	10
Guitar	Clean the Startocaster	0	54	0	10
Guitar	Change the strings	0	1	0	10
Boat	Make winter covers for Plijadur	0	1	0	10
Climate camp	visiter les terrains et poser des jalons	0	1	0	10
Admin	Add St Meen to the calendrier	0	1	0	10
Admin	Pay bailiff for the Castel harbour	0	1	0	10
Admin	List accesess	0	1	0	10
Climate camp	Plant seeds	0	1	0	10
Finance	Pay Alfa	0	1	0	10
Admin	Manage historical revenues	0	1	0	10
Admin	Transfert MDP agenda 2014	0	1	0	10
Admin	Declare revenues	0	1	0	10
Guitar	Prices index	0	53	0	10
Boat	Complete description	0	1	0	10
Guitar	Clean the Startocaster	0	54	0	10
Climate camp	Plant seeds	0	1	0	10
Day to day	Check for storage	0	1	0	10
Day to day	Polish glasses	0	1	0	10
IT 1	Add Linux 0	News 10	Sports	Admin	0
IT	Check the size of the pictures and homogenize	0	1	0	10
Boat	Photo Facebook + Photos Blog + Videos	0	1	0	10
Boat	For sale Jeanneau	0	1	0	10
Boat	Price 30	0	1	0	10
Boat	Clean up external company	0	1	0	10
Boat	Percentage Broker	0	1	0	10
Boat	Link to the vendor - <a href="http://www.jeanneau.fr/">http://www.jeanneau.fr/</a>	0	1	0	10
Day to day	Use lifting barr	0	1	0	10
Boat	Build workbench	0	1	0	10
Day to day	Buy a camping chair	0	1	0	10
Day to day	Acheter cadre	0	1	0	10
Day to day	Get back the portable freeezer	0	1	0	10
Day to day	Installer musculation engine	0	1	0	10
Day to day	Buy black gloves	0	1	0	10
Day to day	Get back tools from Zaz	0	1	0	10
Day to day	Buy guitar Titi	0	1	0	10
Day to day	Get the musculation stuff up stairs	0	1	0	10
Day to day	Get back stuff Jessica	0	1	0	10
Day to day	scanners les docs	0	1	0	10
Day to day	Photos of my stuff	0	1	0	10
Day to day	Add consumption to the IT tools	0	1	0	10
Day to day	Make list of books	0	1	0	10
Car	Change oil	0	1	0	10
Car	Clean up the car	0	1	0	10
Day to day	Add birthdays on the calendar	0	1	0	10
Admin	Sell guitar stand	0	1	0	10
Admin	Regroup contacts by town	0	1	0	10
Boat	Interior clean up	0	1	0	10
Boat	Sale genoa	0	1	0	10
Boat	Check keel	0	1	0	10
Boat	Rent of the boat	0	1	0	10
Boat	Check VHF	0	1	0	10
Boat	Check nautical maps	0	1	0	10
Boat	Sale genoa Lorient	0	1	0	10
Boat	Repair electric rack	0	1	0	10
Car	Faire reparer la clim de l'alfa	0	1	0	10

Boat	Write log book	0	1	0	10
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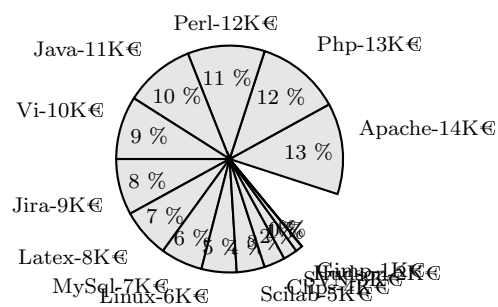
## 4 Annexes

### 4.1 Tools

#### 4.1.1 Data

Tools			
Tool	Rating	Experience	Link
Apache	14	14	
Php	13	13	
Perl	12	12	
Java	11	11	
Vi	10	10	
Jira	9	9	
Latex	8	8	
MySql	7	7	
Linux	6	6	
Scilab	5	5	
Clips	4	4	
SVN	3	3	
Hudson	2	2	
Gimp	1	1	
...	...	...	...
Total	105	105	

#### 4.1.2 Cheese



#### 4.1.3 Architecture

### 4.2 Documentations and links

See References-ok.csv