

INTRODUCTIONS

Geriously, who's this quy?



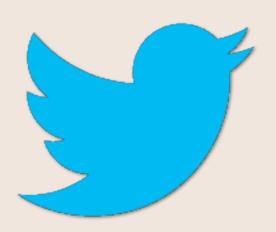
JAKOB PERSSON

Doing Drupal since 2005, cofounded NodeOne in 2007, currently freelance Drupal consultant

WE ENCOURAGE BIRDSONG

Tweet, Tweet, Tweedly-deet ...

QUESTIONS & COMMENTS?



#drestimate

When a client or colleague asks you for an estimate, what's your initial reaction?

When a client or colleague asks you for an estimate, what's your initial reaction?

IS IT THIS?

YOU MAKE KITTY SCARED

CANHASCHEEZBURGER.COM 😎 🕄 🟶

When a client or colleague asks you for an estimate, what's your initial reaction?

OR... MAYBE THIS?



When a client or colleague asks you for an estimate, what's your initial reaction?

I HOPE IT'S NOT THIS....



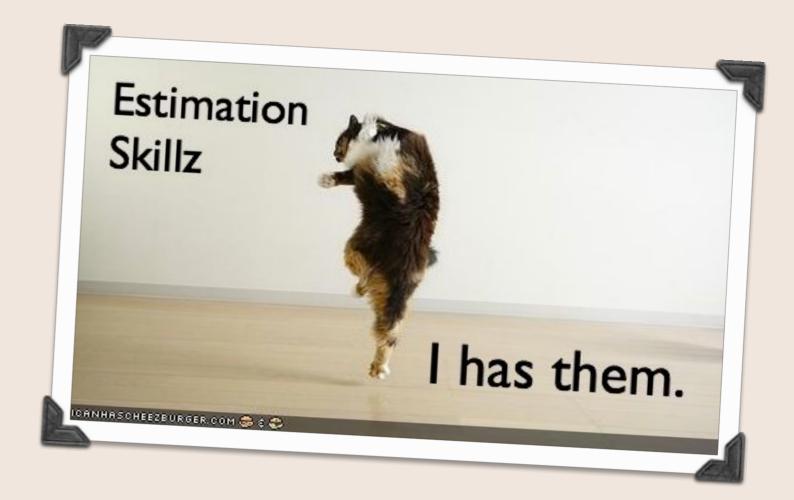
If it's anything like that,

You've come to the right place!

At the end of this presentation, I want you to feel like this when asked for an estimate.

I'LL COVER:

- What an estimate is
- Why estimates are needed
- How risks affect estimates
- How an estimate is made
- Answers to your questions



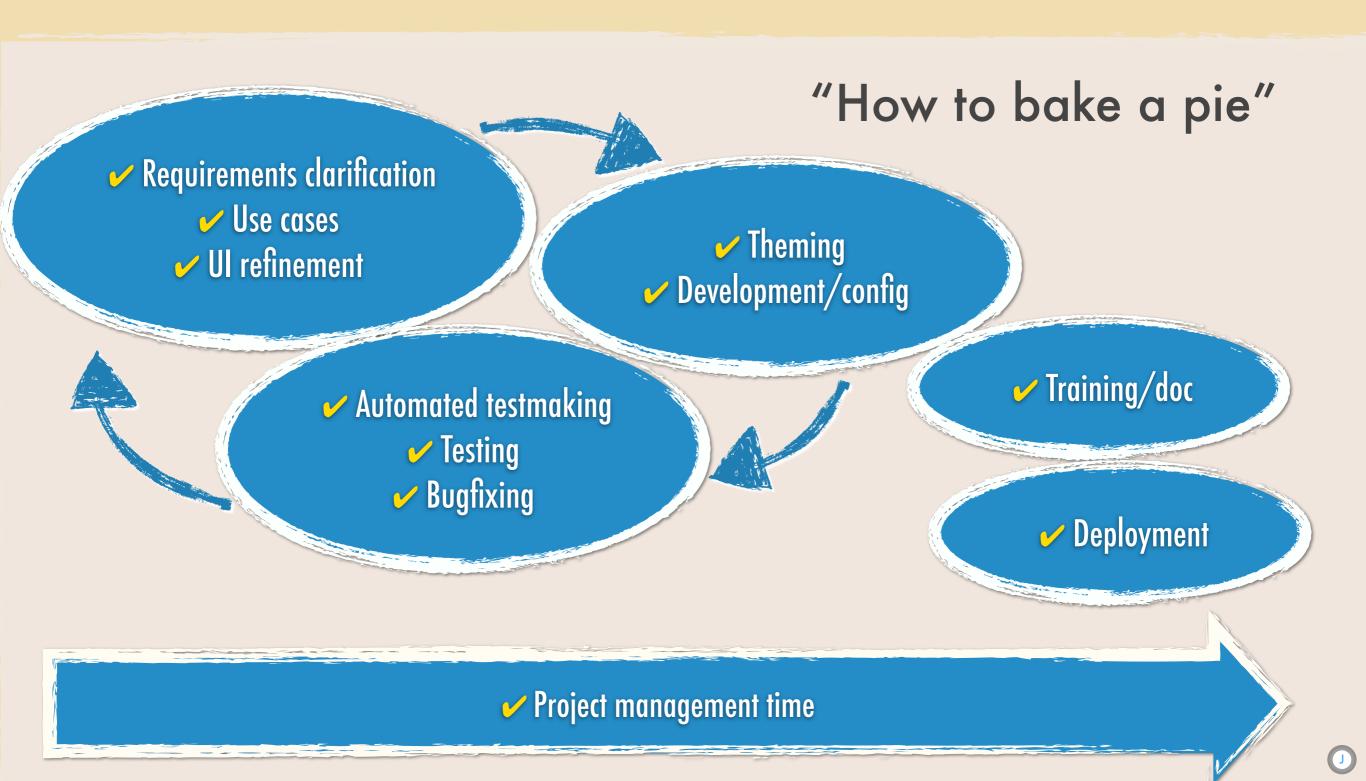
WHAT AN ESTIMATE IS

WHAT AN ESTIMATE IS

"Estimation is the calculated approximation of a result which is usable even if input data may be incomplete or uncertain."

- WIKIPEDIA

WHAT AN ESTIMATE IS



Requirements clarification Use cases UI refinement

STORY

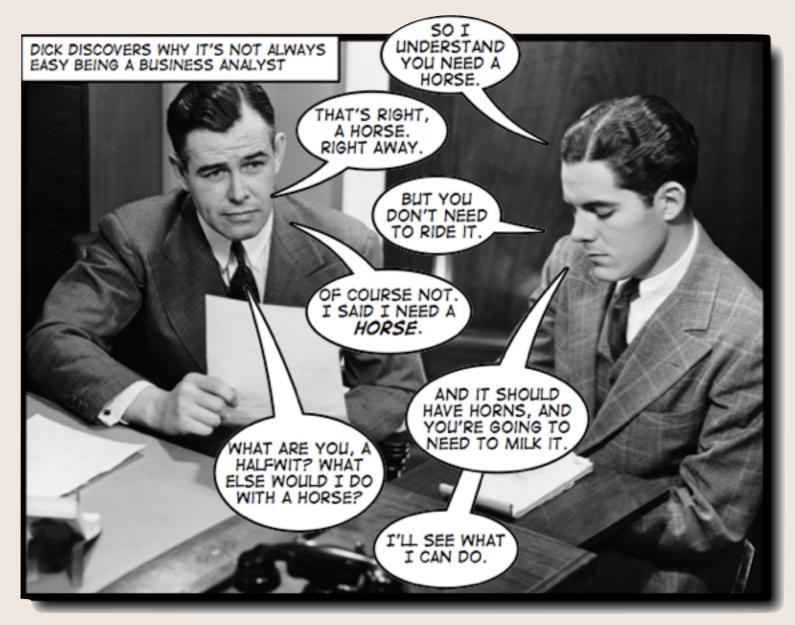
Focuses on needs and describe functionality in a way the shows its application and business value.

- Role
- Need
- Sequence of events
- How to demo

CASE

Focus on behavior and interaction, eliminates ambiguity and provides the developer with the information he/she needs.

- Summary
- Rationale
- Users
- Preconditions
- Default events
- Alternative sequence



http://www.stellman-greene.com/2009/05/03/requirements-101-user-stories-vs-use-cases/

Requirements clarification
 Use cases
 UI refinement

Requirements evolve and are clarified over the course of a project, and they're often provided as UI designs.

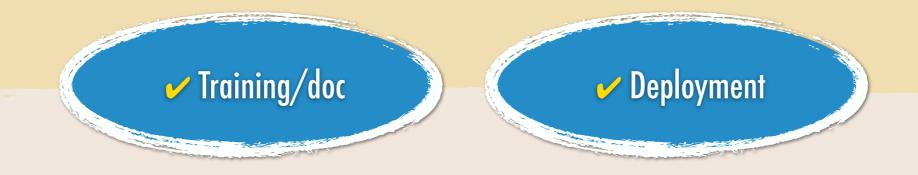


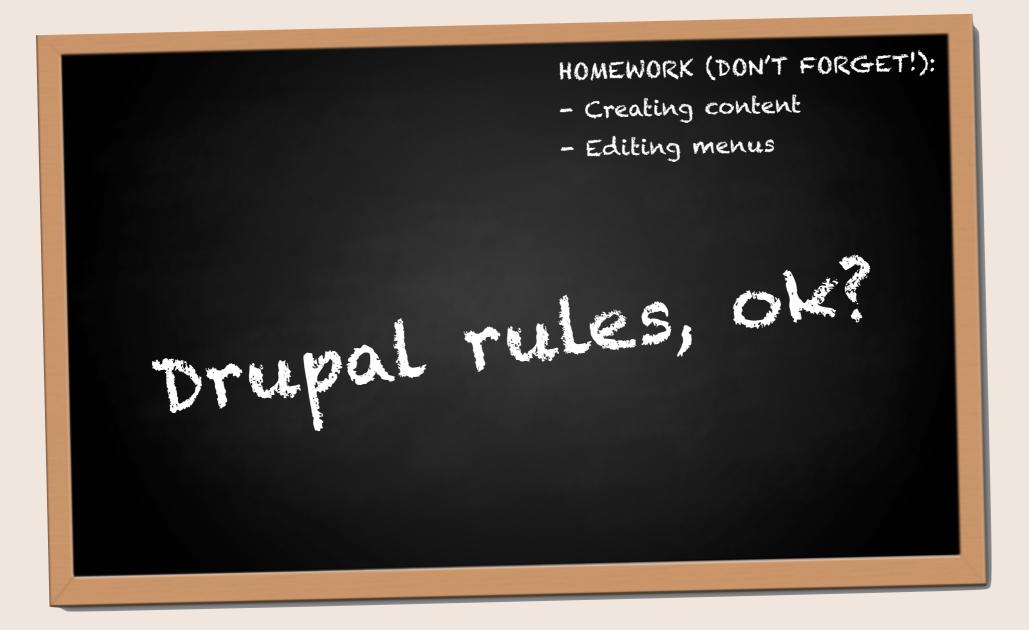




- Test more, build more
- Automated testing saves time over the course of a project
- Tests helps identify and manage ambiguous requirements







PROJECT MANAGEMENT DOES TAKE TIME

(That about the dreaded



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"We don't need another PM from your team adding overhead to this project."

- Poor Soul

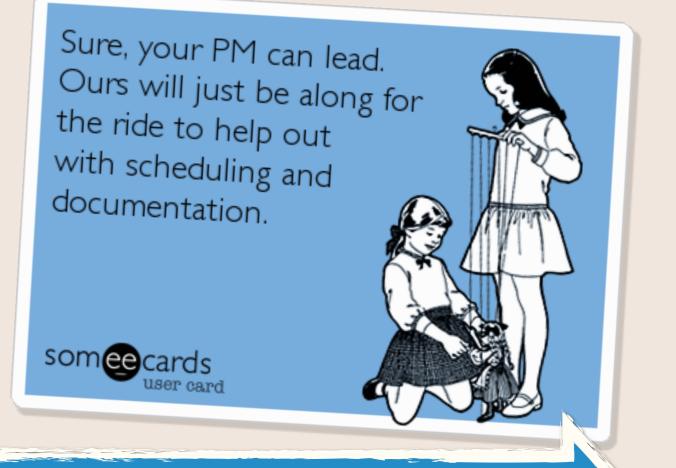
Project management time

PROJECT MANAGEMENT DOES TAKE TIME

(That about the dreaded

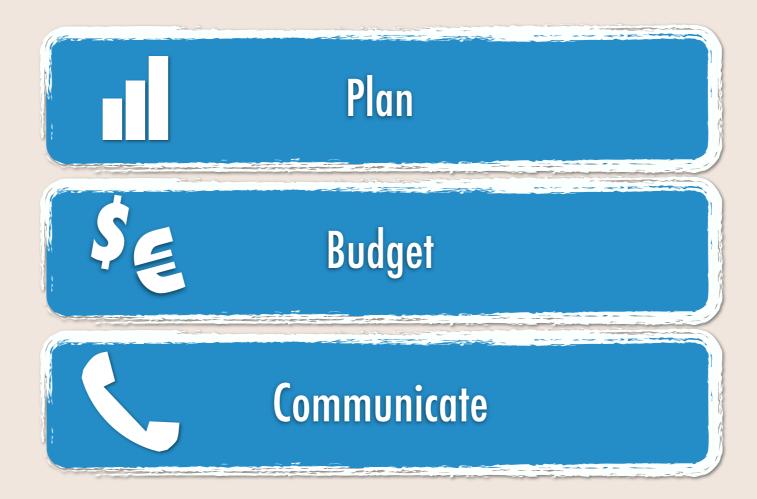
"We don't need another PM from your team adding overhead to this project."

- Poor Soul



Project management time

Estimates help to:





Alhat to we mean by planning?

S



What to we mean by planning?

When will it When will it

(Yes, I mean schedules!)

S







Choose a team



 April

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Block their time based on estimates







Get a deadline...







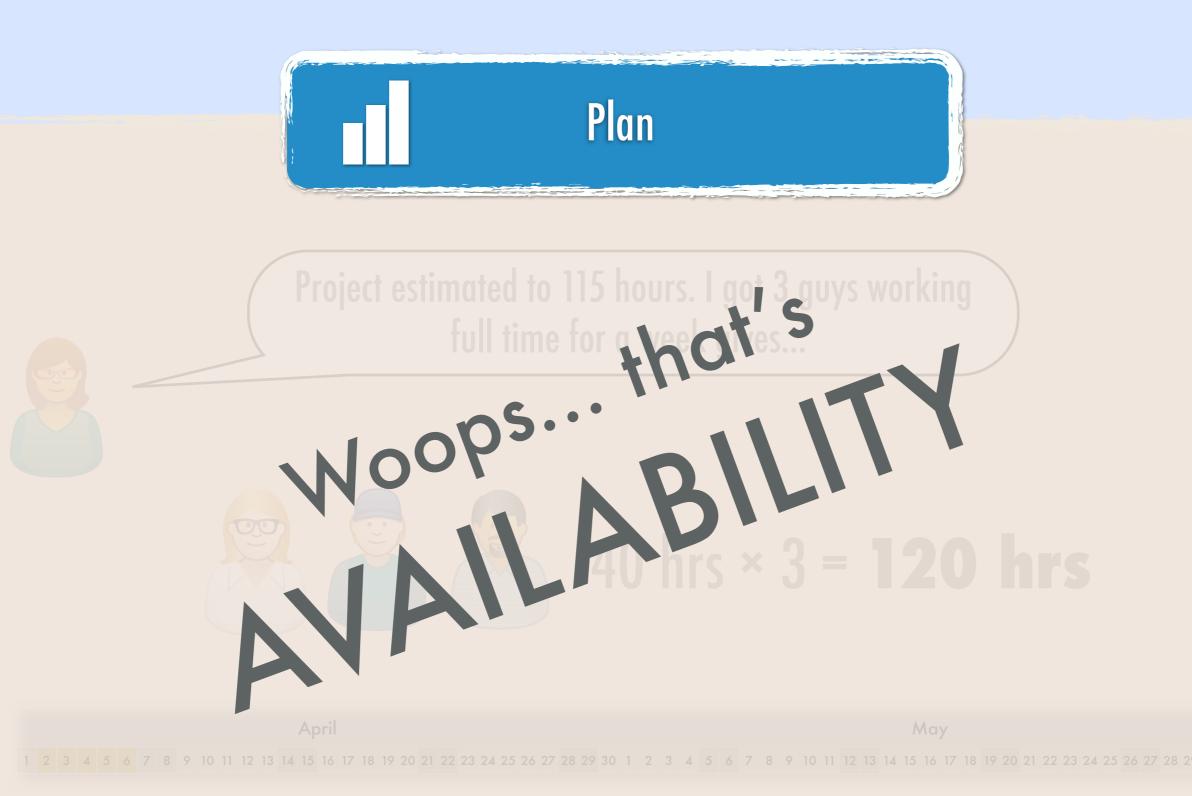


Project estimated to 115 hours. I got 3 guys working full time for a week gives...



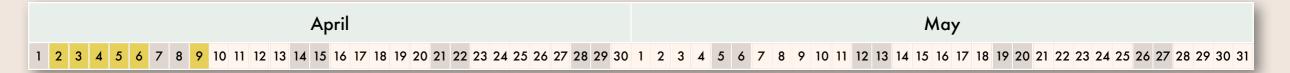




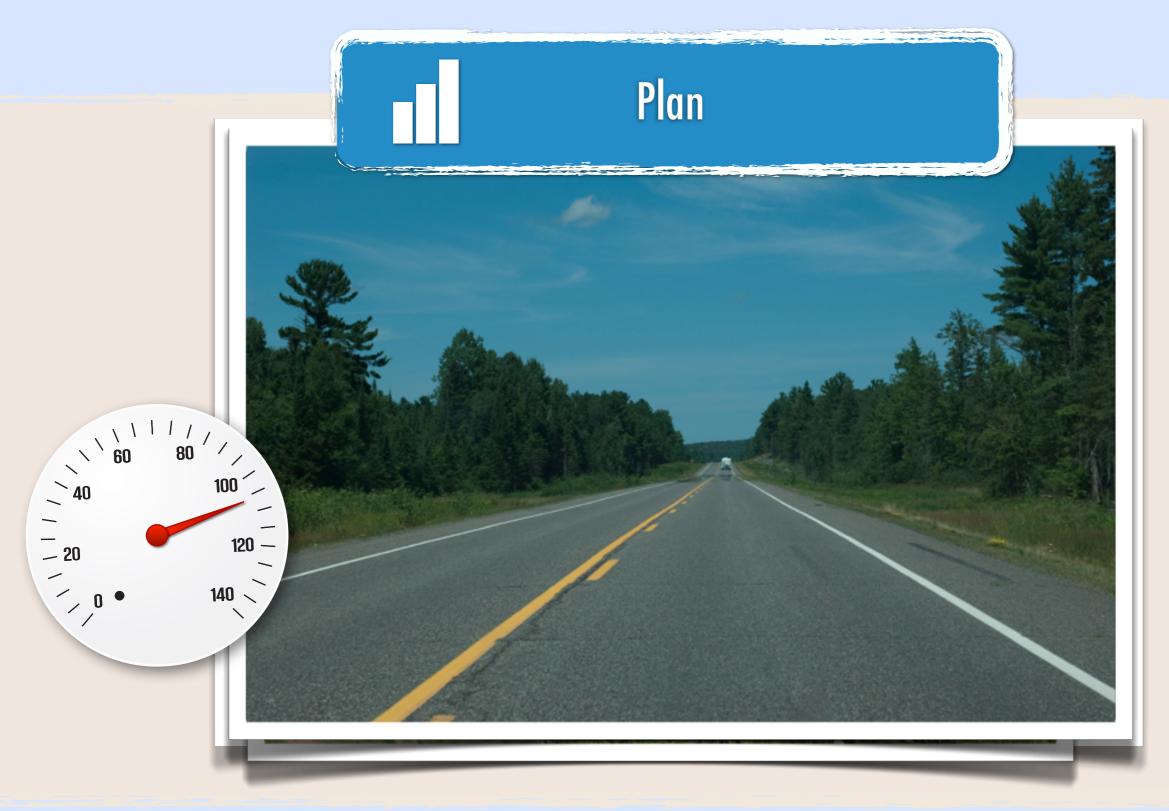








115/19.2 = 6 days



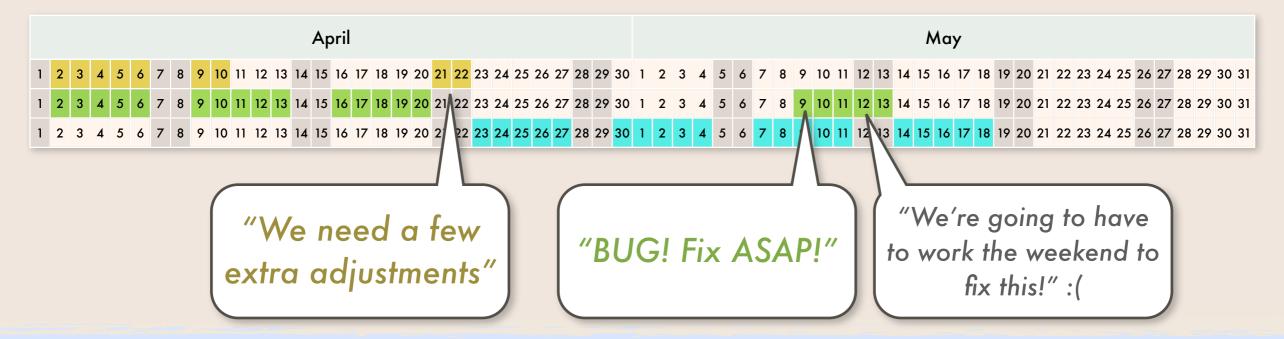






Even the best taid plans ...

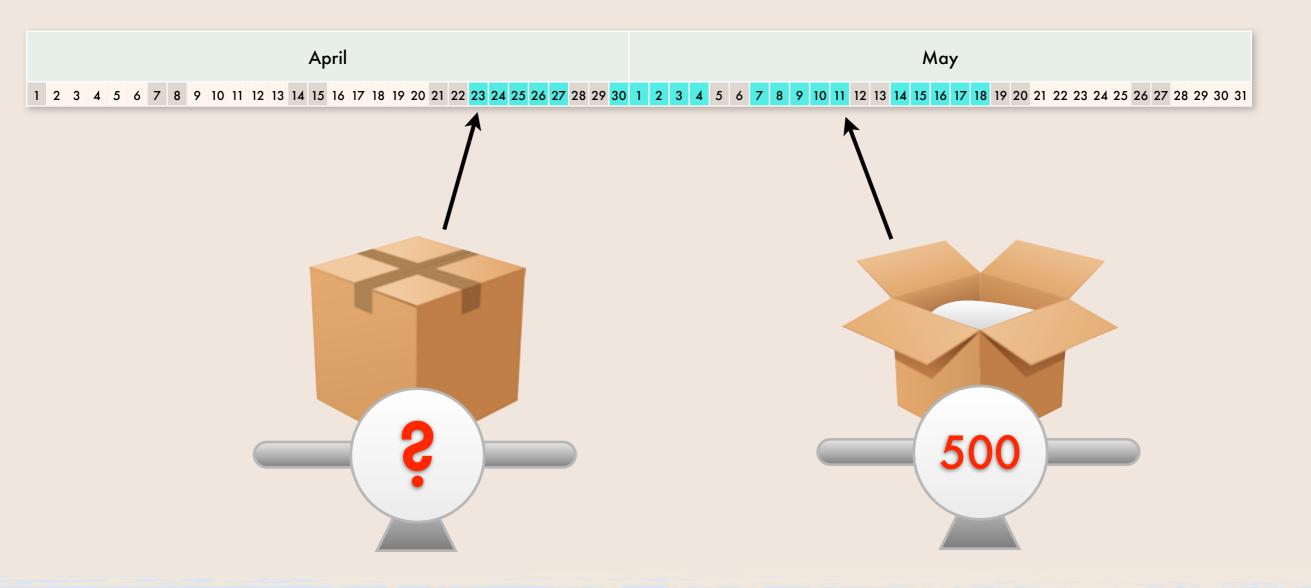




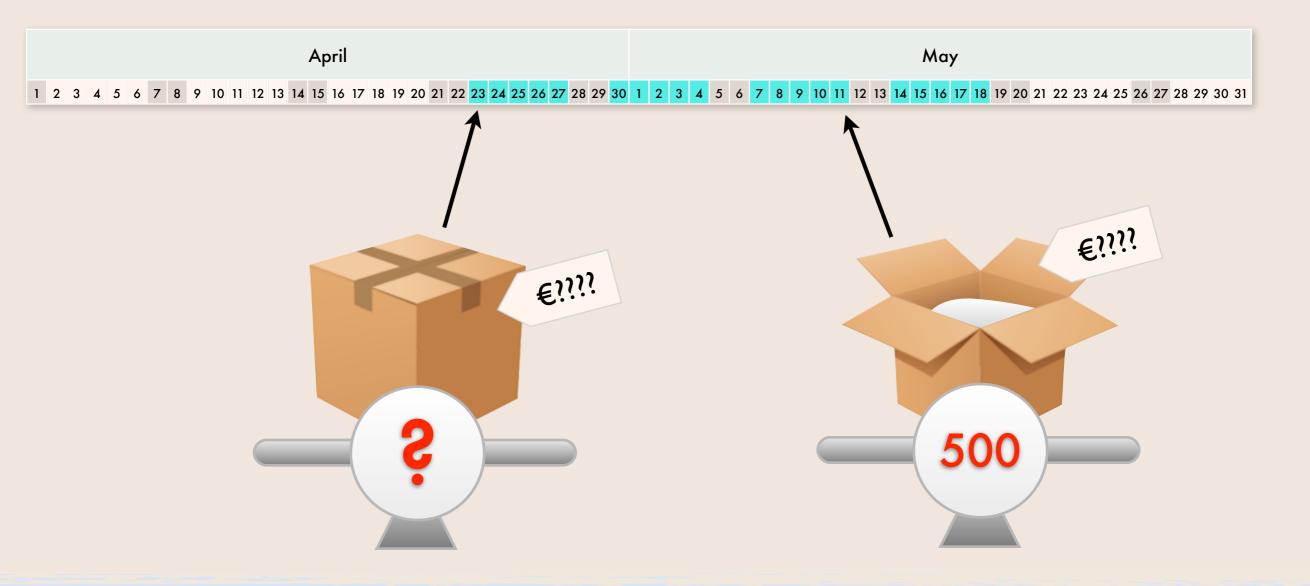




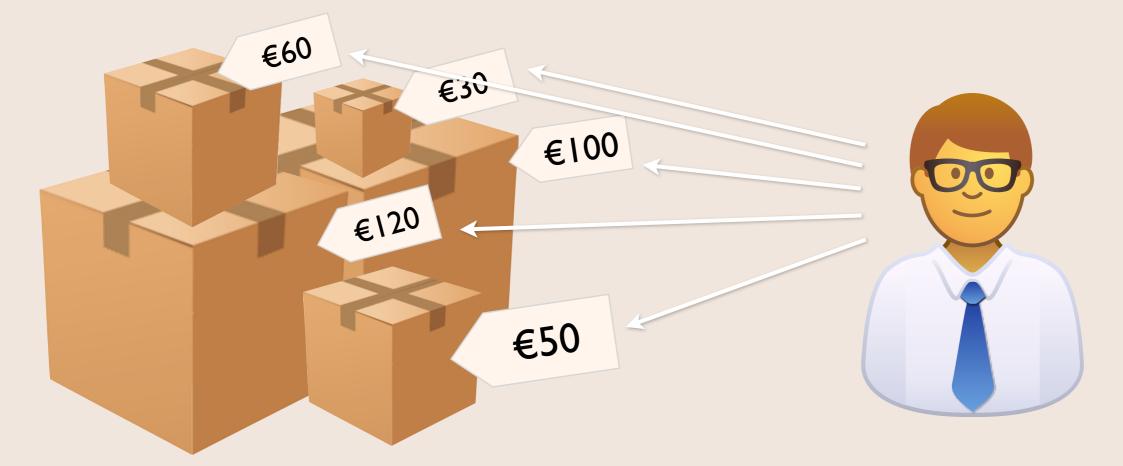
















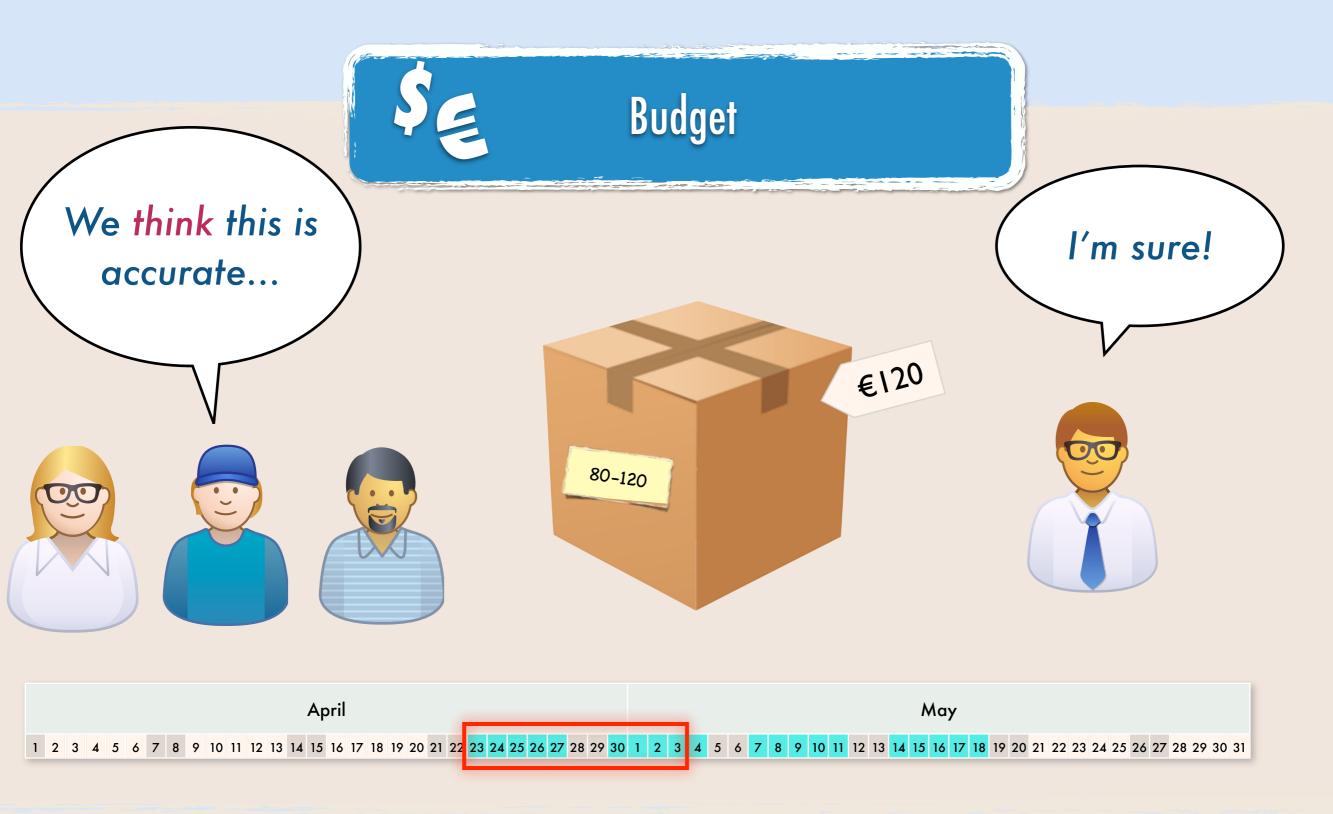


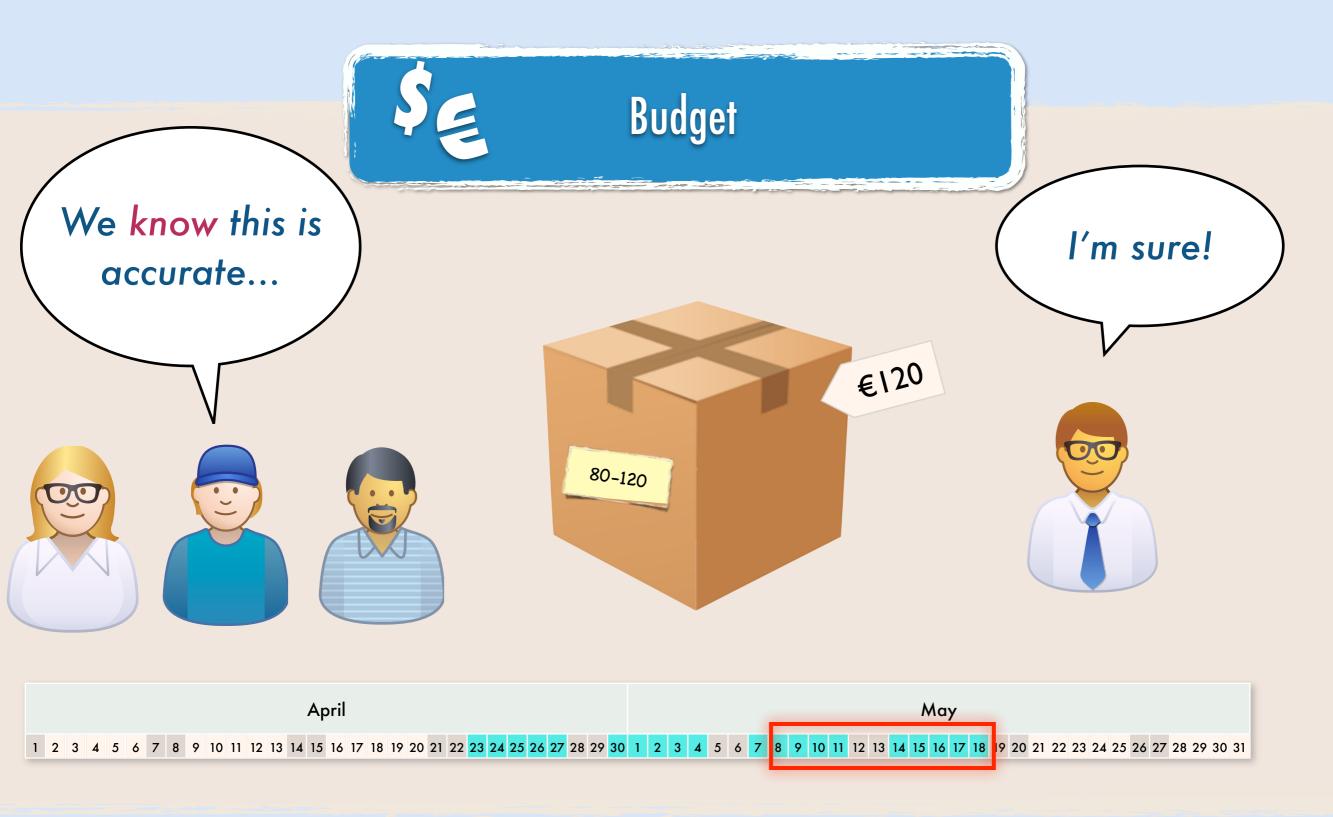
















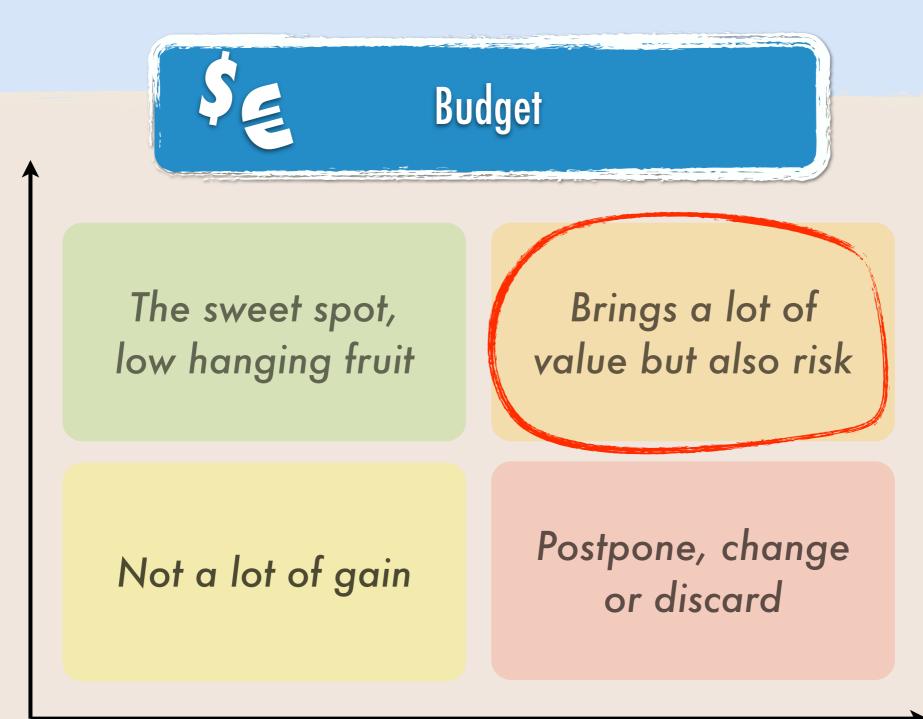
The sweet spot, low hanging fruit

Value

Brings a lot of value but also risk

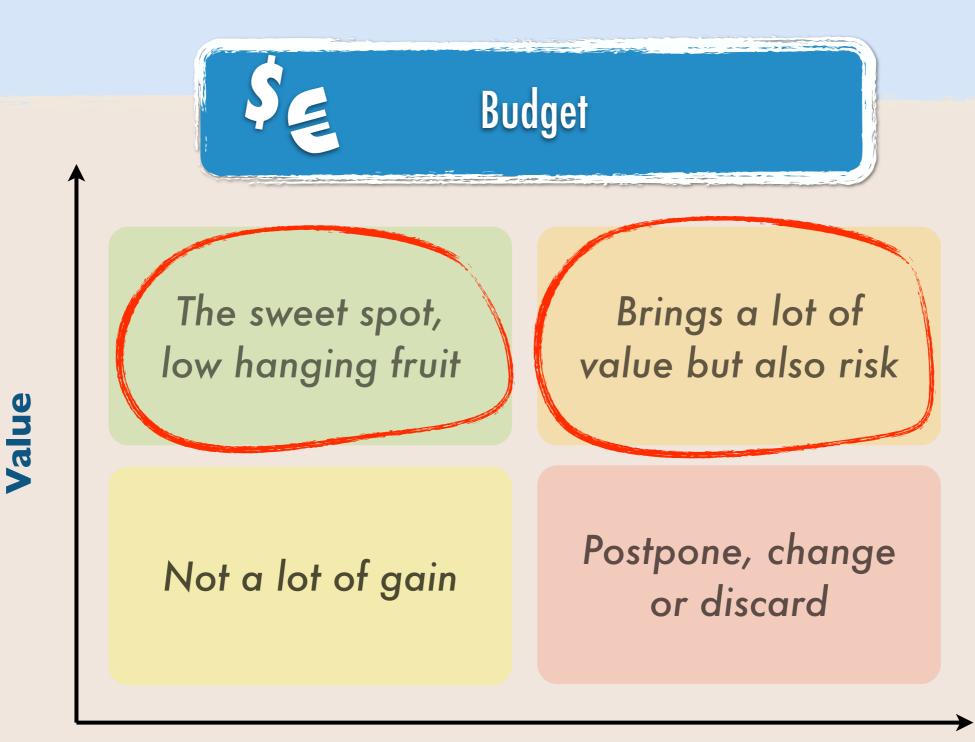
Not a lot of gain

Postpone, change or discard

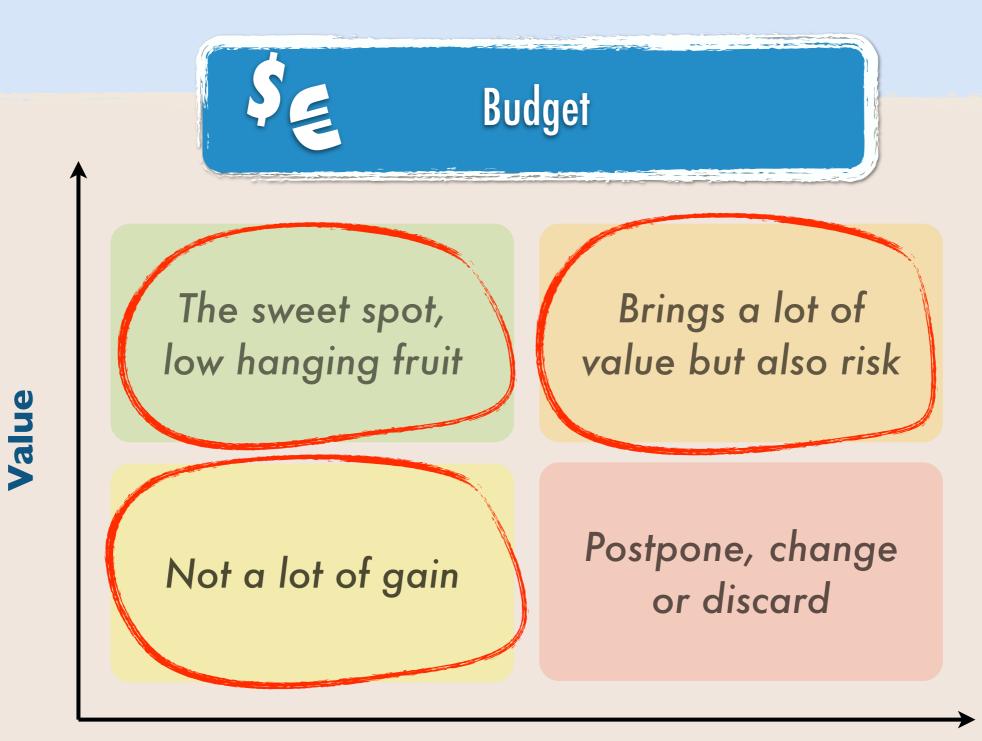


Value

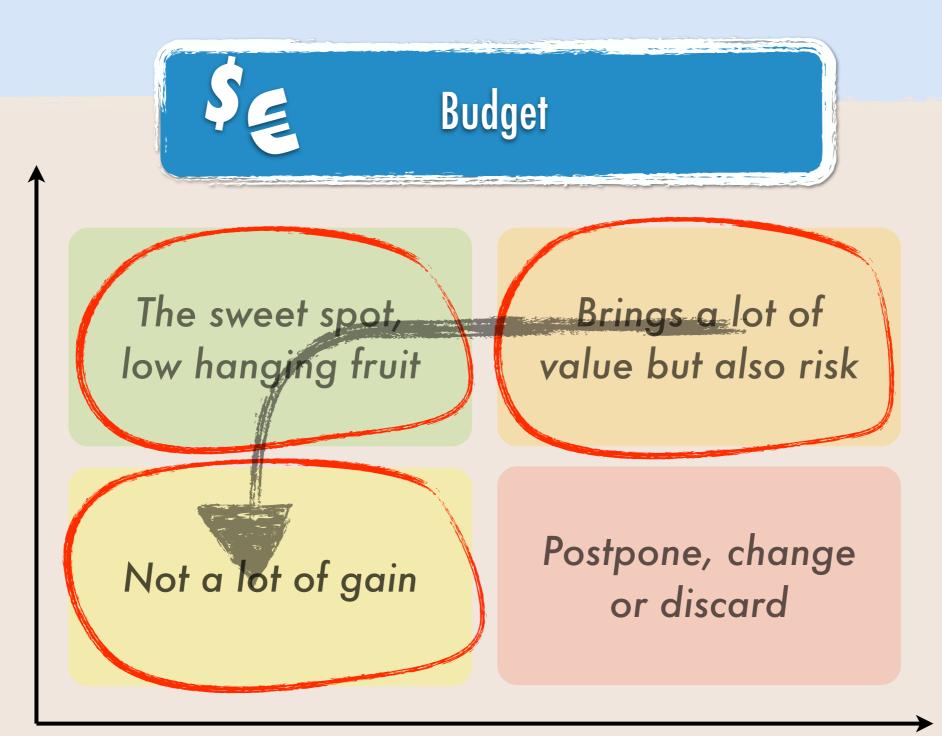




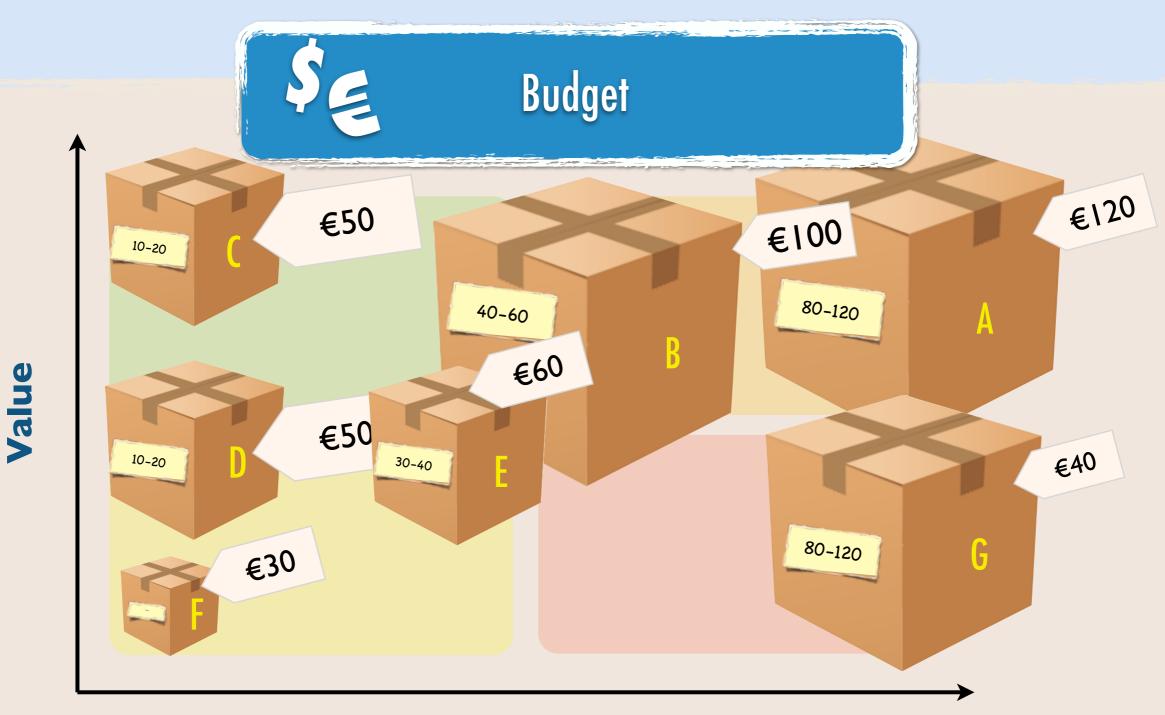








Value







S



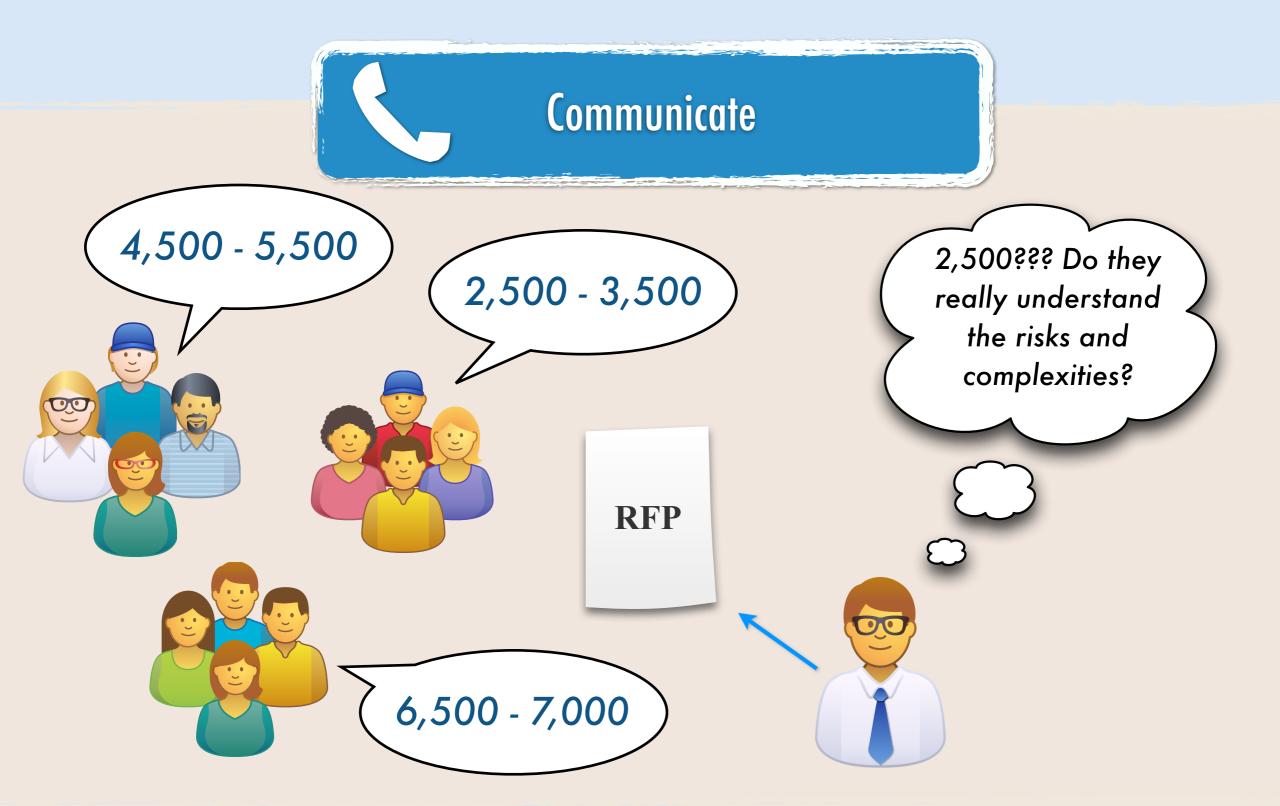
Communication as in ...

Are we on the same page?



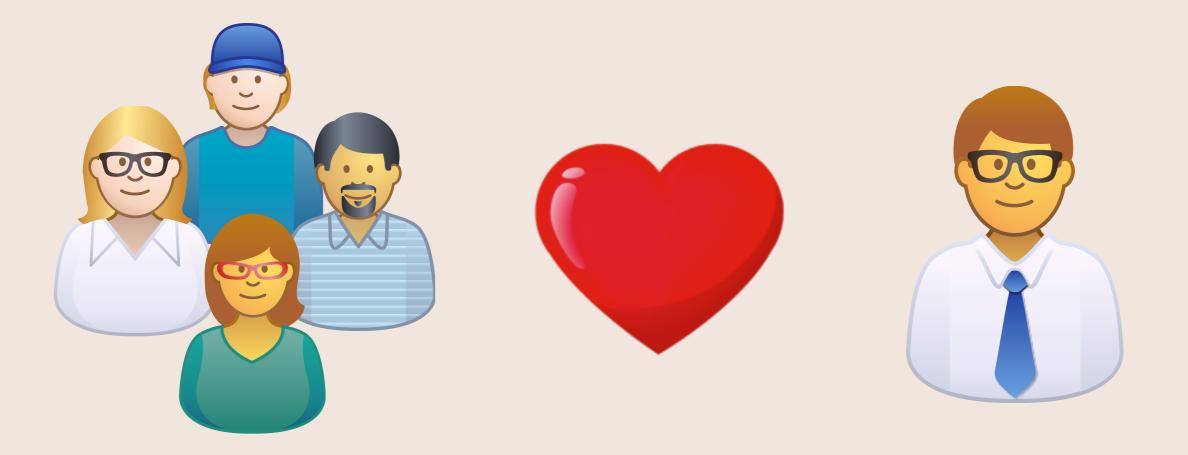
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MANAGING THE UNFORESEEN

MANAGING THE UNFORESEEN



"Risk comes from not knowing what you're doing."

- Warren Buffett

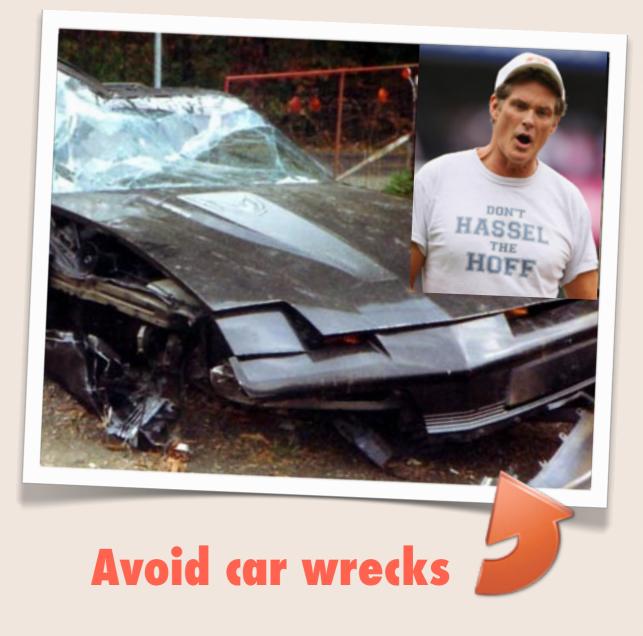


What's the point

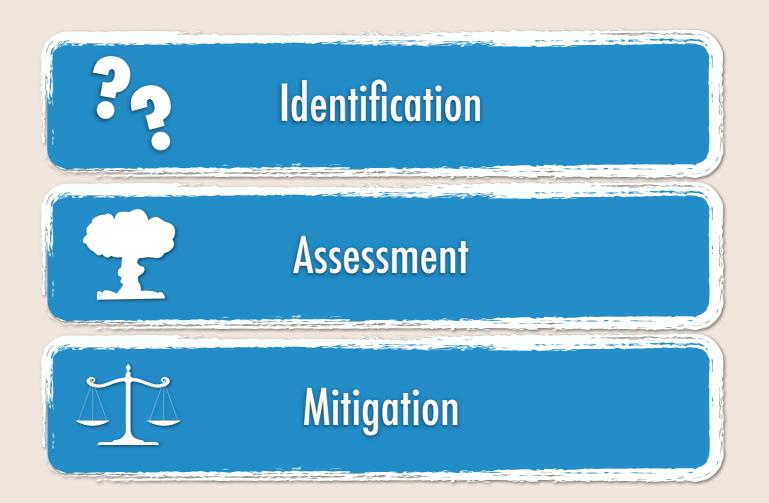


Management?

To help you assess risks to your estimation, and align the numbers to manage that risk.





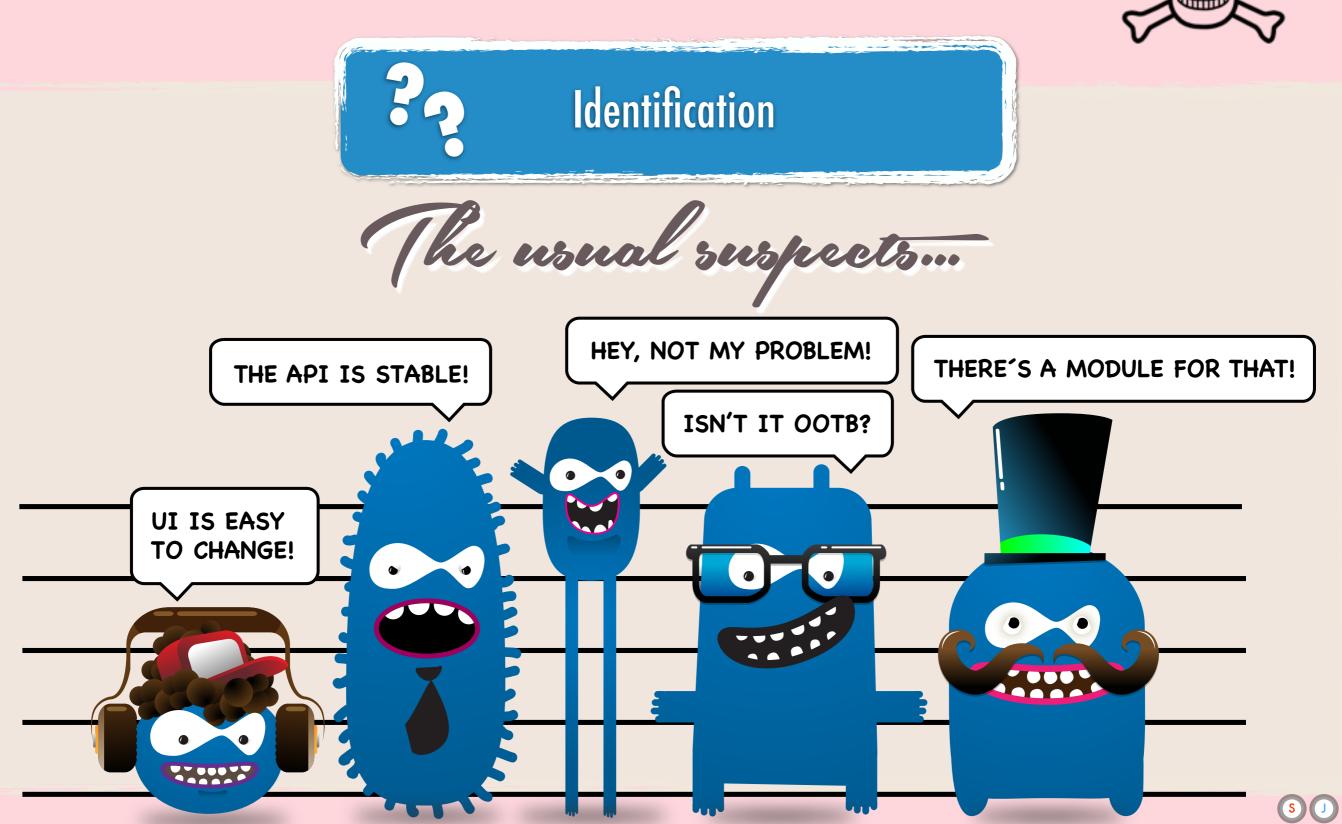














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Assessment

Composite risk rating

Impact





22 22

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Assessment

RISK	IMPACT	PROBABILITY	RATING
Shared sign on	5	5	25
Integration online booking	4	4	16
Migration legacy system	2	4	8
Asteroid hitting the Earth	1E+21	0.00000001	



Hey! Don't forget about us!



Overall risk assessment: Low 1-8, Medium 9-16 or High 17-25

LOW					MEDIUM							HIGH												
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
			ERLY MONTHLY					WEEKLY DAILY																

Overall risk monitoring, a continual process.



Assessment

		Meh	Meh seriously	Dude, seriously	DUDE, SERIOUSLY	WTF? SERIOUSLY?
	5	ASTEROID			the api is stable	VIDEO COMPONENT
t	4				INTEGRATION	
mpaci	3					
<u>_</u>	2				MIGRATION	
	1					
		1	2	3	4	5

Probability





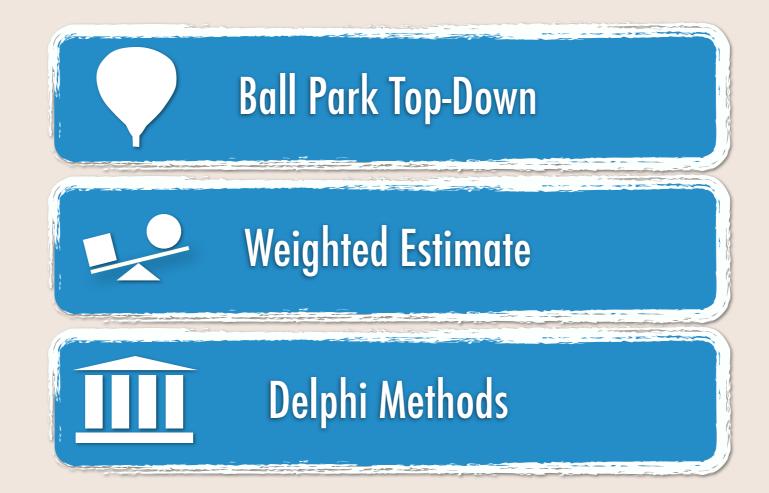


Accept risk - no action

Eliminate risk

Limit risk

Share risk

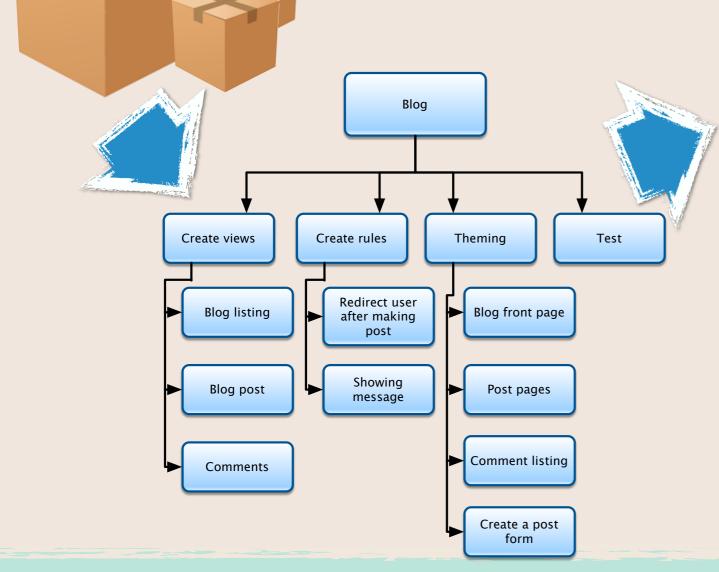








Weighted Estimate



Task	Est	Conf	Low - Hi
Blog listing view	1	4	0.7 - 1.5
Blog post	1	4	0.7 - 1.5
Comments	1	4	0.7 - 1.5
Redirect user	2	3	1 - 4
Show message	2	3	1 - 4
	•••		
			300 - 450





Allen should Juse what?

Ball Park Top-Down Weighted Estimation

Delphi

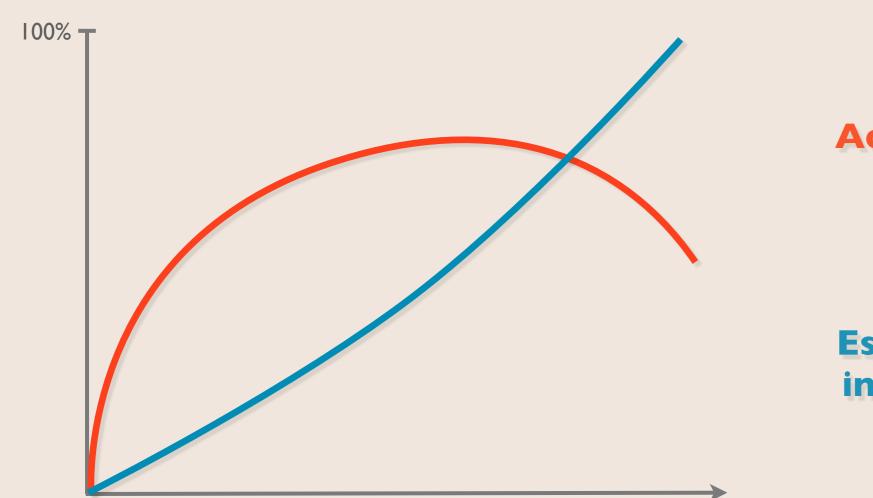
WhenGeneral StrategyDecisions > Accuracy

Estimate Ranges

Specific Features Several Experts

Pros: Easy/Fast **Why** Cons: Short-term Helps for decision making

Pros: Variance Range Cons: Takes time Helps level-set expectations Pros: Smarter/Accurate Cons: Feature Specific Helps validate theories



Actual accuracy of the estimate

VS

Estimator's confidence in the accuracy of the estimate

Time and effort spent

The dont's

- Don't play the blame game
- Don't estimate what you cannot know – requirements are like icebergs
- Don't estimate in a vacuum



TAKE AWAYS

- Management by estimate == bad idea
- Estimates should include much more than just development
- Estimates are more than just numbers
- Use risk management to avoid problems you can identify



DZIEKUJE! GRACIAS! DANKE!

Thanks everyone!

ASK AWAY

Alho's got questions?





TALK TO ME

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