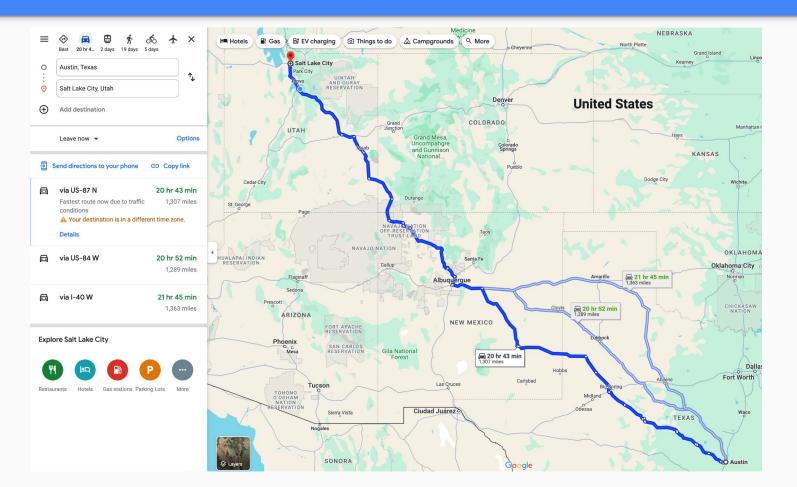
Forecasting Software Development Timelines & On-Time Delivery

Solving Software Development's Most Intractable Problem



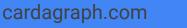


Me, driving home



Every Salesman, Marketer, Revenue Analyst, Product Manager, C-suite, ever...

When will it be done?





It's Tricky

So many things have to happen...

Discovery Decisions Design Architecture **Development** Testing **Delivery**

Every Engineer, ever...



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The cost of not knowing?





Enter Jettstart



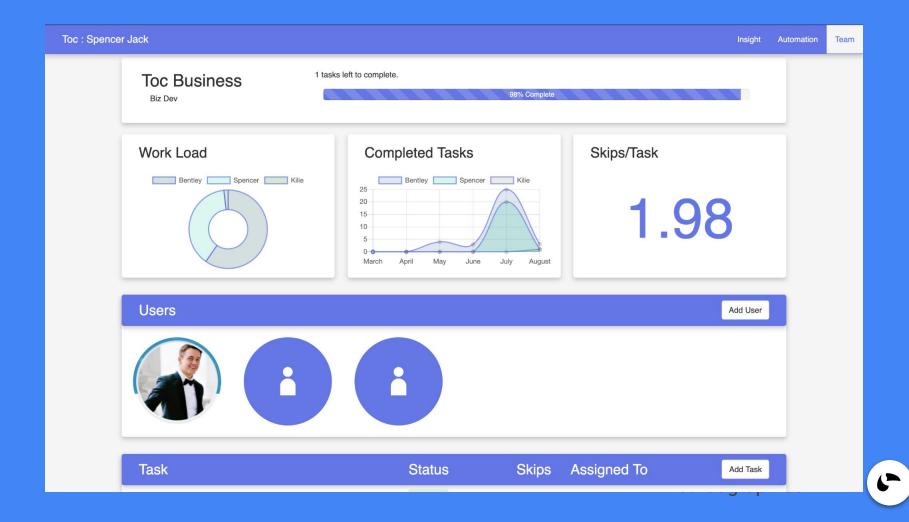


Enter Tactical Operations Center (Toc)

A Place to see everything happening at once







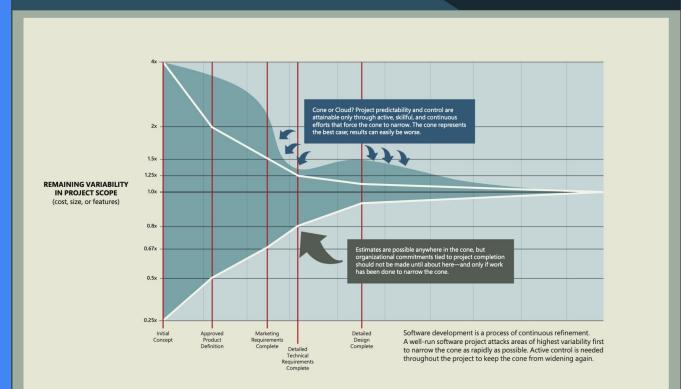
The Product Predicament.





Cone of Uncertainty

All software projects are subject to inherent errors in early estimates. The Cone of Uncertainty represents the best-case reduction in estimation error and improvement in predictability over the course of the project. Skilful project leaders treat the cone as a fact of life and plan accordingly.

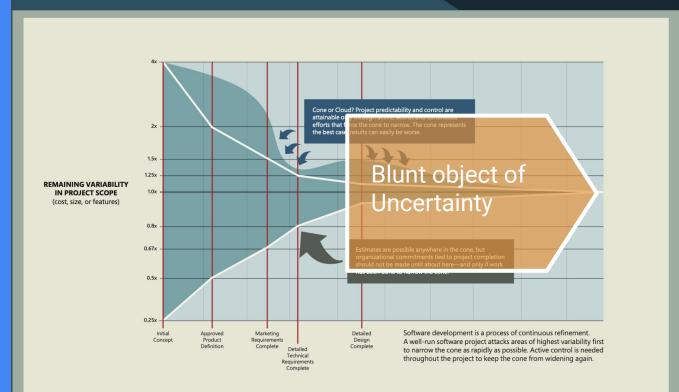


https://www.construx.com/books/the-cone-of-uncertainty/

o 2007-2018 by Steve McConnell & Construx Software. Steve McConnell is the award-winning author of *Code Complete, Software Estimation*, and other titles. rux Software provides training and consulting in software development best practices to leading companies workdwide aph.com

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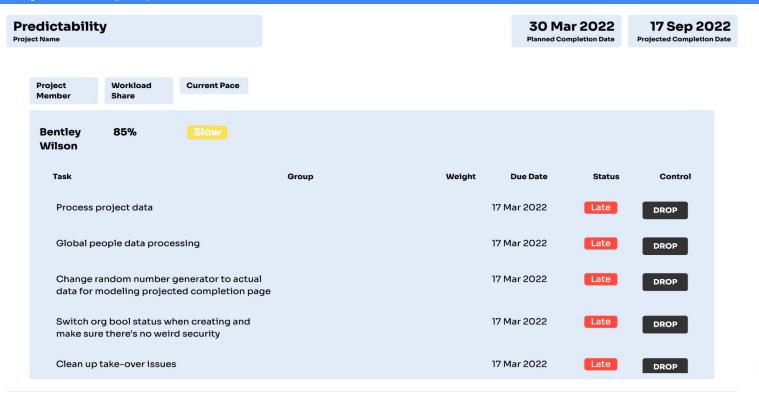
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Enter Cardagraph

Like a map-app through the jungle



Early Cardagraph





Use the past to predict the future... Novel idea, eh?



Next Cardagraph

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People						
Namo					Capacity	Avg Pace
Ashley Mills					84%	3.1 p/d
Bentley Wilson					84%	2.7 p/d
Jordan Hale					84%	1.9 p/d
Kyra Menzel					84%	5.5 p/d
Spencer Jack					84%	2.9 p/d
Timetine						
Start Dete					Projected Com	pletion
1 Sep 2022						10 Oct 2022
Projects						
	BABASD NEW FE	ATURE				
Jul 2022	Aug 2022	Sep 2022	Oct 2022	Nov 2022	Dec 2022	
		÷				
-						
_						
						CREATE PLAN
						CHRAILPEAN

Occam's Razor

Only as complex as it has to be

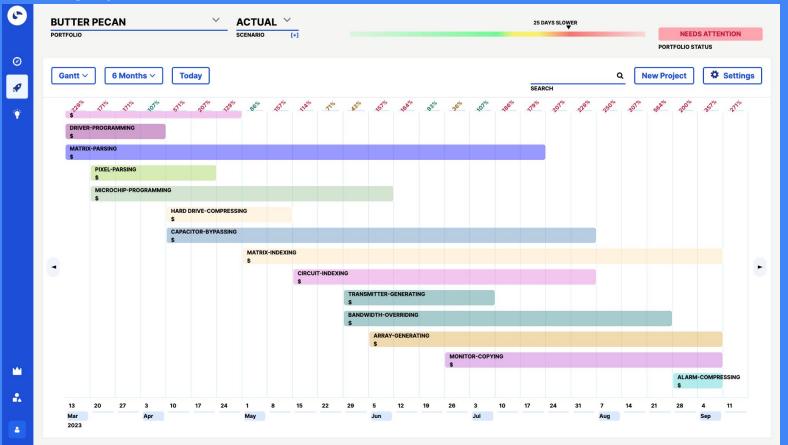


Workflow Transitions

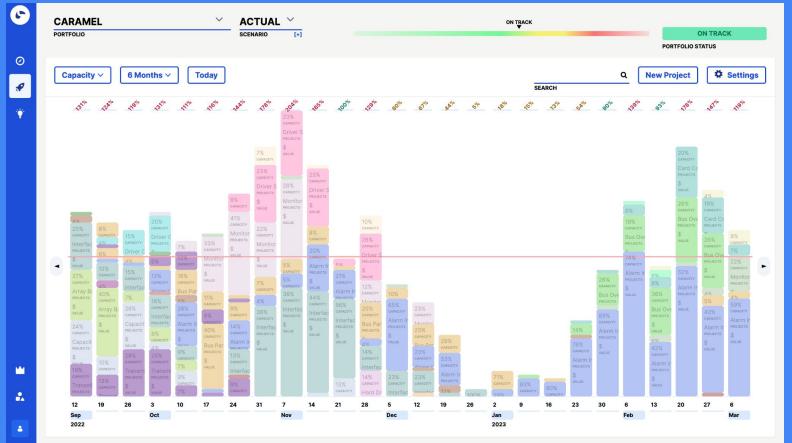


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Cardagraph Gantt



Cardagraph Capacity



Cardagraph status updates





Cardagraph budget planning

IDEAS	UPDATE IDEA	l.		~	Q SEARCH
C Strawberry	monitor-parsing		\$ 99713 VALUE (NUMBERS ONLY)		
1 🕎 monitor-parsing	Deleni.				Plan Idea
Almond	DESCRIPTION			<u> </u>	
🗅 Blondie	PORTFOLIO Strawberry	1 - monitor- PRIORITY IN PO			
1 👔 monitor-programming	capacitor-generating	array-copying	bus-transmitting	3	
2 Times and the second	CATEGORIES		INITIATIVES		
3 🛐 array-navigating	ldea Size	Tasks	Duration	Cost	
	Extra Small	2	1 weeks	\$869	
4 👔 alarm-connecting	Small	5	2 weeks	\$1.96 K	
5 [] feed-connecting	Medium	8	8 weeks	\$3.73 K	
6 👔 capacitor-navigating	Large	11	12 weeks	\$4.58 K	

But what about... ?!?



Lessons Learned







