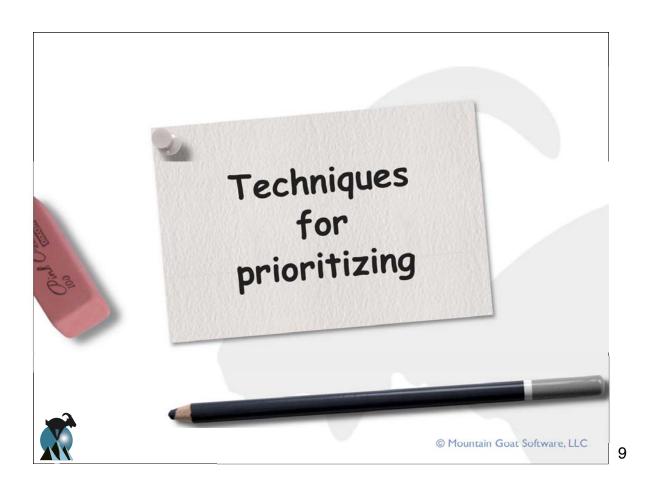


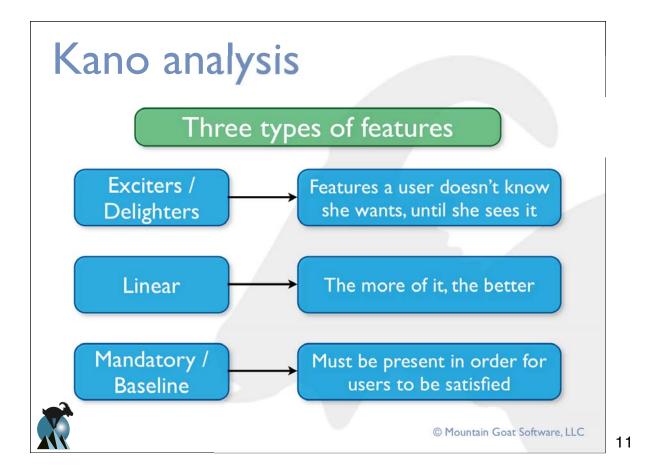
Prioritize at the theme level

- Why?
- Often individual stories cannot be prioritized against each other
 - What's more important in a word processor?
 - The A key or the E key?
 - Tables or undo?
 - What's more important on a car?
 - The left front wheel or the right front wheel?
 - Increased leg room or a larger engine?







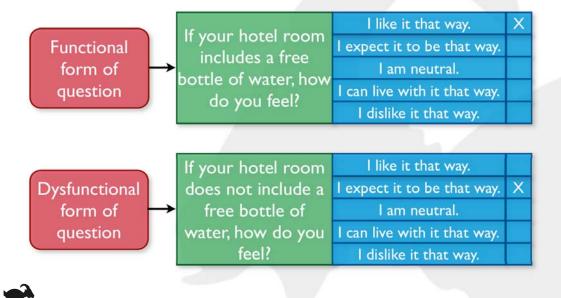


Surveying users

- To assess whether a feature is baseline, linear, or exciting we can:
 - Sometimes guess
 - Or survey a small set of users (20-30)
- We ask two questions
 - A functional question
 - How do you feel if a feature is present?
 - And a dysfunctional question
 - How do you feel if that feature is absent?

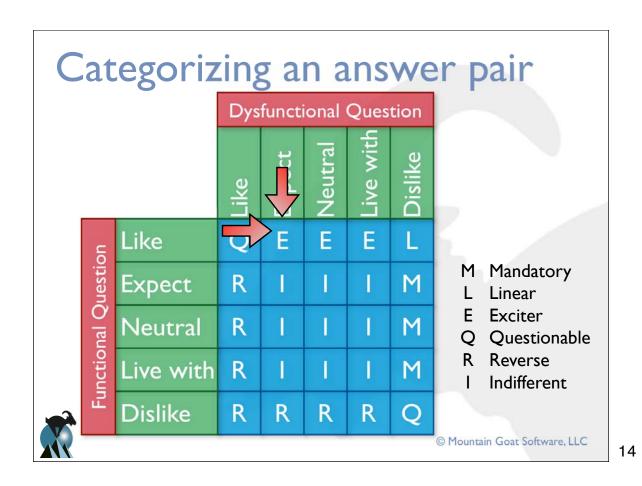


Functional and dysfunctional forms



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13



Aggregating results

Theme	Exciter	Linear	Mandatory	Indifferent	Reverse	Questionable
Apply formatting themes	3		\odot		3	2
Automate report execution	4	22	20	4	I	0
Export reports to PowerPoint	21)	9	14	5	1	



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15

What to include

- All of the baseline features
 - By definition, these must be present
- Some amount of linear features
- But leaving room for at least a few exciters



Theme screening

- Identify 5-9 (approximately) selection criteria for what is important in the next release
- Select a baseline theme
 - Likely to be included in the next release
 - Understood by most team members
- Assess each candidate theme relative to the baseline theme



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17

Theme screening: an example

		Themes						
Selection Crite	ria	Theme A	Theme B	Theme C	Baseline Theme	Theme E	Theme F	Theme G
Importance to existing customers			+	_	0	-	+	0
Competitiveness wit	th ABC Corp.	+	_	0	0	0	0	0
Starts us integrating	product lines	+	0	0	0	+	-	+
Generates revenue i	Generates revenue in Q2			0	0	+	0	+
+ = better than	Net score	3	0	-1	0	1	0	2
0 = same as -= worse than	Rank	1	4	5	4	3	4	2
WOISC CHAIT	Continue?	Y	Ν	Ν	Y	Y	Ν	Y



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Theme scoring

- Like theme screening but selection criteria are weighted
- Need to select a baseline theme for each criteria
 - Avoids compression of a category
- Each theme is assessed against the baseline for each selection criteria

Much worse than reference	1
Worse than reference	2
Same as reference	3
Better than reference	4
Much better than reference	5



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19

Theme scoring: an example

		Ţ.	Th	eme A	Th	eme B	Th	eme C
Selection Criteria	a	Weight	Rating	Weighted Score	Rating	Weighted Score	Rating	Weighted Score
Importance to exis	sting cust.	.25	3	0.75	1	0.25	4	1.00
Competitive. with	Competitive. with ABC		2	0.20	3	0.30	3	0.30
Starts us integratir	Starts us integrating		3	0.45	4	0.60	4	0.60
Generates Q2 rev	enue	.50	5	2.50	2	1.00	3	1.50
	Net s	score		3.90		2.15		3.40
		Rank		1		3		2
-2	Cont	inue?		Yes		No		Yes



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- Assume we have a minimally functional site up with 4,000 registered cooks
 - We want 400,000 cooks
- Identify 3-4 themes that will help get more cooks to register on the site.
- · Identify some selection criteria
 - What's important to the company in making this decision?
- Complete a theme screening or theme scoring worksheet



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21

Intentionally blank



Theme Screening Worksheet

			Themes							
MC	DUNTAIN O F T W	I GOAT A R E								
teria										
Selection Criteria										
Sele										
		Net score								
		Rank								
		Continue?								

+ = Better than 0 = Same as - = Worse than

Theme Scoring Worksheet

MOUNTAIN C s o f t w A	GOAT R E											
Selection Criteria		Weight	Rating	Weighted Score								
	Net	Score										
		Rank										
	Cont	inue?										

Relative weighting

- Assess the impact of having a story/theme from 1-9
- Assess impact of NOT having it from 1-9
- Calculate the value of each story or theme relative to the entire product backlog
 - This gives you the relative value of that story or theme
- Estimate the cost of each story theme
- Calculate the cost of each story or theme relative to the entire product backlog
 - This gives the relative cost of that story or theme
- Priority is given by (Relative Value ÷ Relative Cost)



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23

Relative weighting: an example

		Relative Benefit	Relative Penalty	Total Value	Value Percent	Estimate	Cost Percent	Priority
se	More investment choices	8	6	14	40	64	44	91
Themes	Portfolio rebalancing	9	2	11	31	40	27	115
F	Comply with new law	ı	9	10	29	42	29	100
	Total			35	100	146	100	

Total Value = Relative Benefit + Relative Penalty
Value Percent = Total Value / ∑ (Total Value)
Cost Percent = Estimate / ∑ (Estimate)



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An example with weights

	Weight→	2	I						
		Relative Benefit	Relative Penalty	Total Value	Value Percent	Estimate	Cost Percent	Priority	
es	More investment choices	8	6	22	41	64	44	93	
Themes	Portfolio rebalancing	9	2	20	38	40	27	141	
H	Comply with new law	ı	9	11	21	42	29	72	
	Total			53	100	146	100		



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25



Relative weighting MyCookSpace.com

• Using the relative weighting worksheet provided, prioritize the themes you've previously identified for MyCookSpace.com.



Relative Weighting Worksheet

		Weight:							
	MOUNTAIN GOAT SOFTWARE		Relative Benefit	Relative Penalty	Total Value	Value Percent	Estimate	Cost Percent	Priority
Themes									
		Total:				100		100	

Total Value = Relative Benefit + Relative Penalty (x weights if used)

Value Percent = Total Value $\div \Sigma$ (Total Value)

Cost Percent = Estimate $\div \Sigma$ Estimate

Priority = Value Percent / Cost Percent (higher = higher priority)

Financial prioritization

	Person Weeks	Cost	3-Year Return	NPV	IRR	D. Payback (Quarters)
Theme A	25	\$150	\$1,085	\$448	133%	2
Theme B	32	192	\$2,109	\$940	172%	4
Theme C	90	\$540	\$2,537	\$883	89%	2
Theme D	48	\$288	\$1,360	\$443	76%	4
Theme E	55	\$330	\$900	\$191	48%	2
Theme F	79	\$474	\$1,365	\$331	56%	4
Theme G	90	\$540	\$5,964	\$2,519	139%	5
Theme H	50	\$300	\$2,415	\$1,023	146%	2
Theme I	15	90	\$1,600	\$747	221%	
Theme J	30	\$180	\$640	\$182	65%	2
Theme K	75	\$450	\$516	(\$104)	5%	NA
Theme L	40	\$240	\$171	(\$110)	(12%)	NA
Theme M	80	\$480	\$1,025	\$142	36%	3
Theme N	18	\$108	\$185	\$7	24%	2
Theme O	6	36	\$155	\$53	90%	
Theme P	12	\$72	\$1,505	\$748	355%	1

