AD51

Product Ownership Practices
4:30 PM

AD51 - Get Your Poker Face On: How to Effectively Use Planning Poker to Slay Project Estimations

Presented by:

Laura Janusek

Modern Teacher

Brought to you by:

Laura Janusek

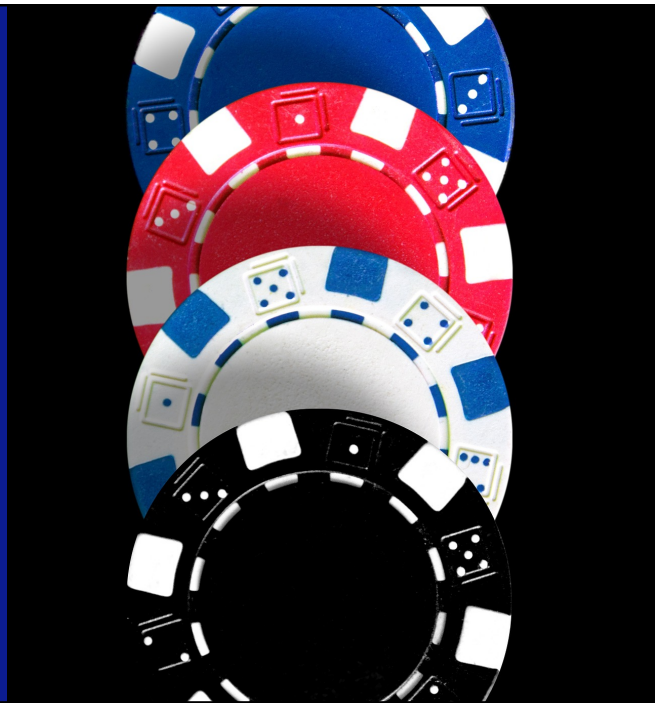
Laura Janusek is Chief Product Officer and founding team member at Modern Teacher, a company that provides technology-enabled solutions to support K12 school districts across the U.S. In this role, Laura manages the development and quality assurance team and oversees the development lifecycle, from ideation through live releases and enhancements. Laura enjoys practicing yoga, playing the violin, and listening to audiobooks. She is an active member of communities for women in technology, she has recently been recognized in a series on ‰ÛÏWomen on Top in Tech‰Û , and she is passionate about education equity and technology's ability to improve lives in the education space and beyond.

GET YOUR POKER FACE ON:

HOW TO USE PLANNING POKER TO SLAY PROJECT ESTIMATIONS

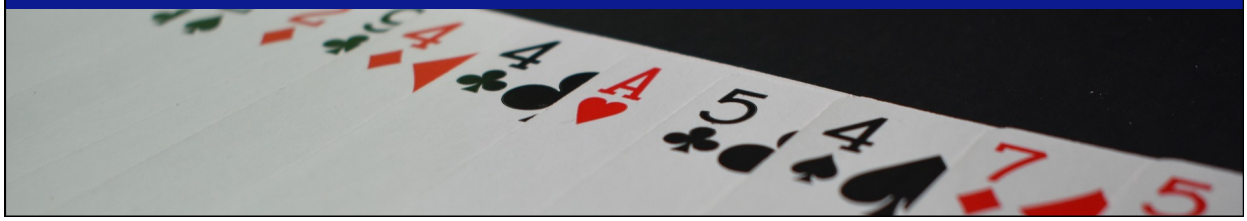
LAURA B. JANUSEK
CHIEF PRODUCT OFFICER
MODERN TEACHER

@LBJANUSEK
#AgileDevOpsCon @TechWell



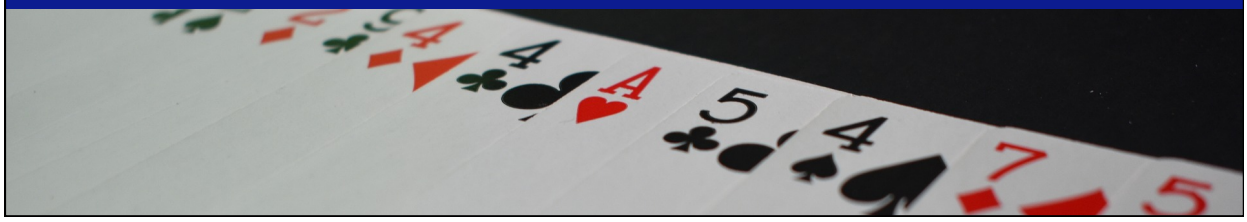
WHAT ARE WE DOING HERE?

PLANNING POKER:	GET REAL:	LIVE ESTIMATIONS:	NEXT STEPS:	BE SAASY:	THAT'S A WRAP:
What & Why	Examples from MT	Planning Poker in Action!	Roadmapping our Road Trip	Review of Online Tools	Q&A Time

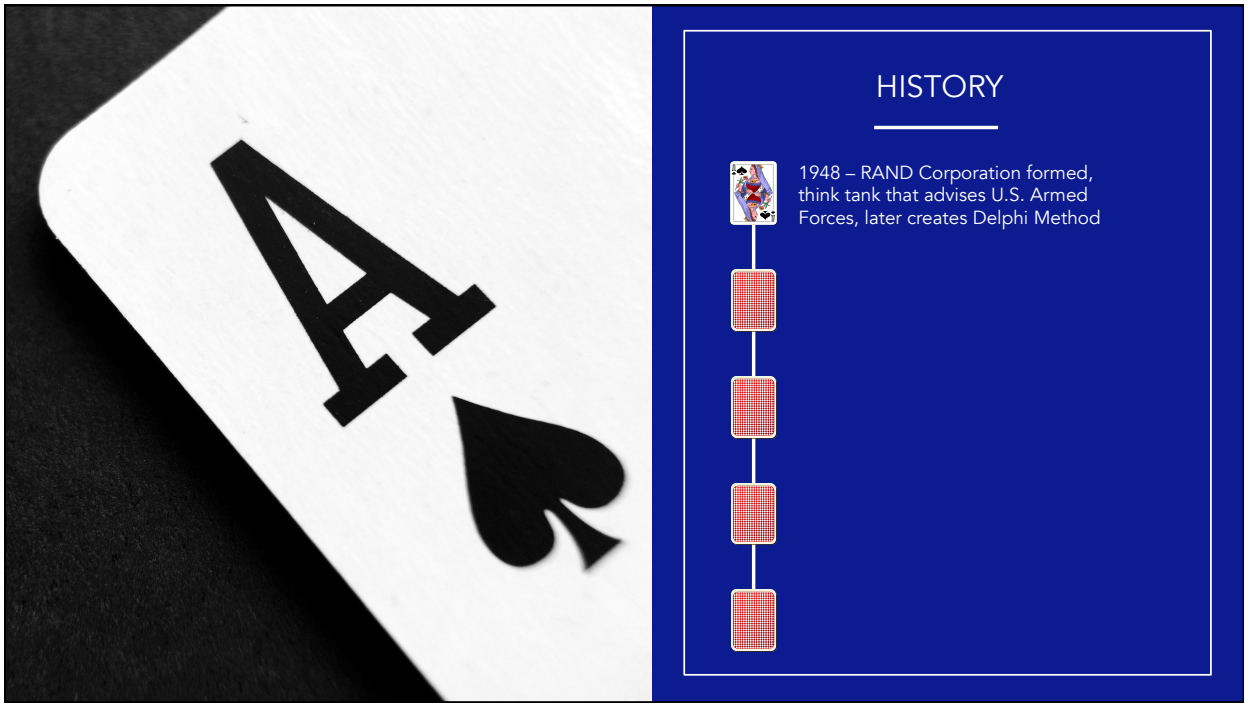


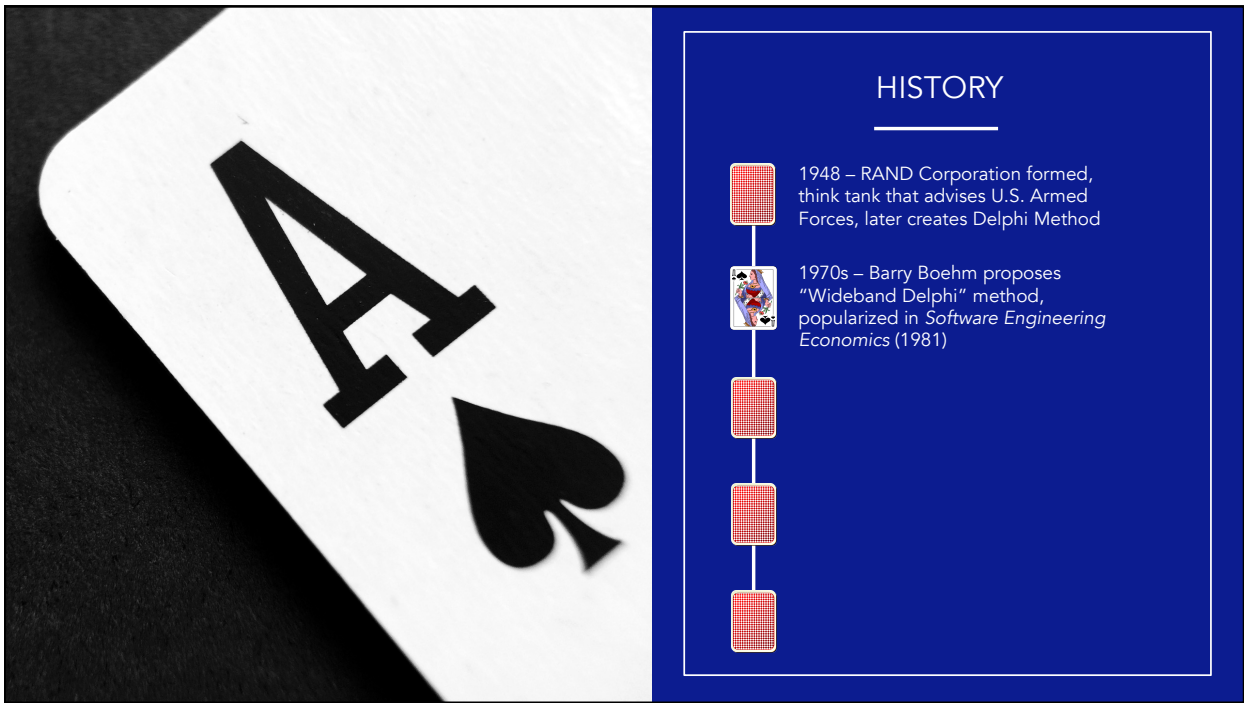
WHAT ARE WE DOING HERE?

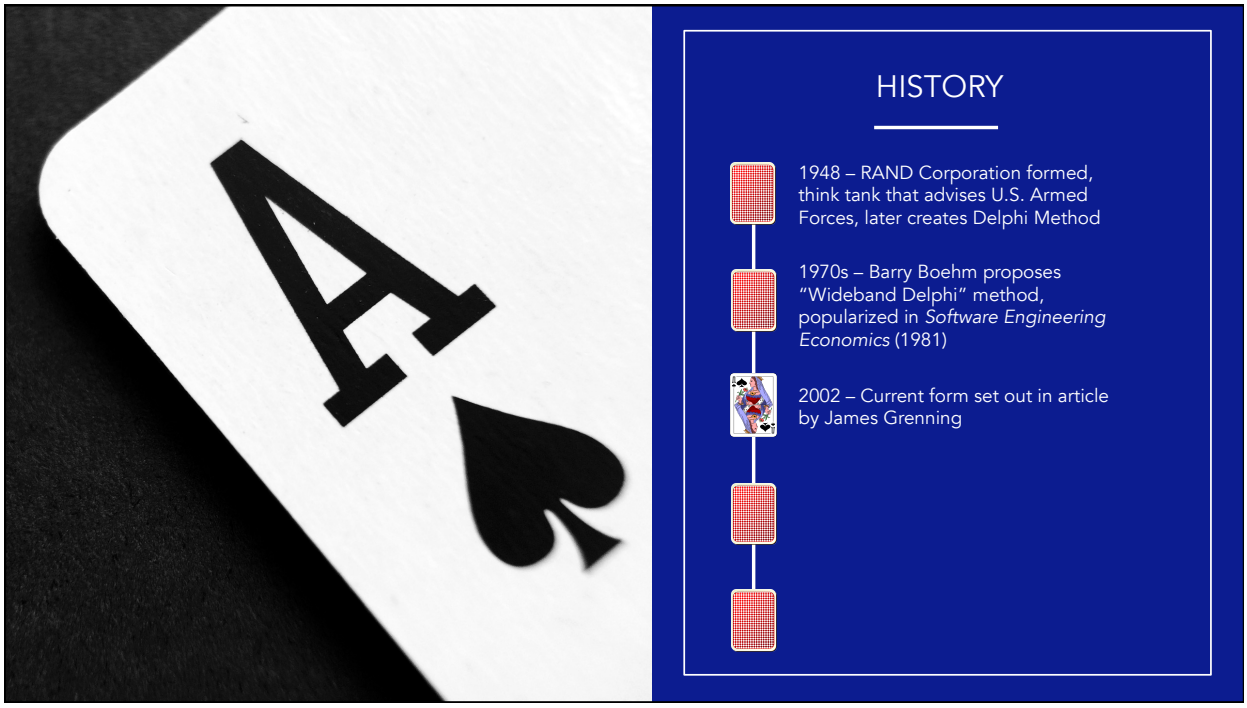
PLANNING POKER:	GET REAL:	LIVE ESTIMATIONS:	NEXT STEPS:	BE SAASY:	THAT'S A WRAP:
What & Why	Examples from MT	Planning Poker in Action!	Roadmapping our Road Trip	Review of Online Tools	Q&A Time

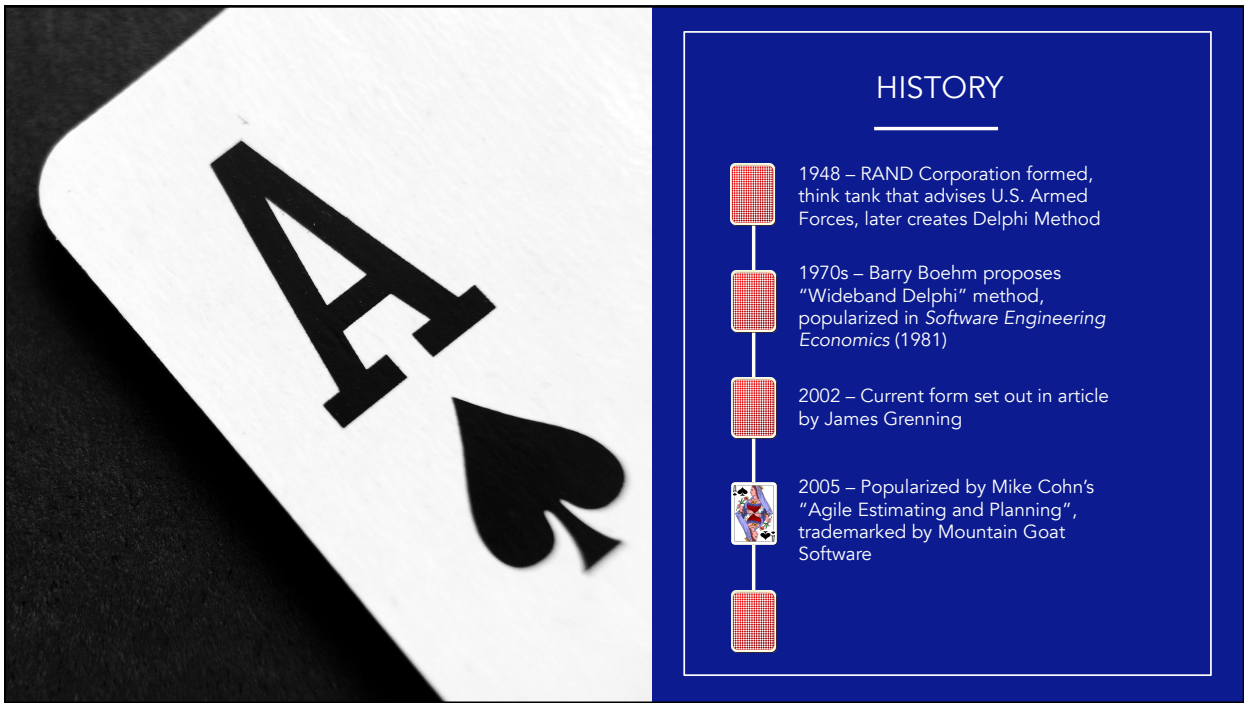


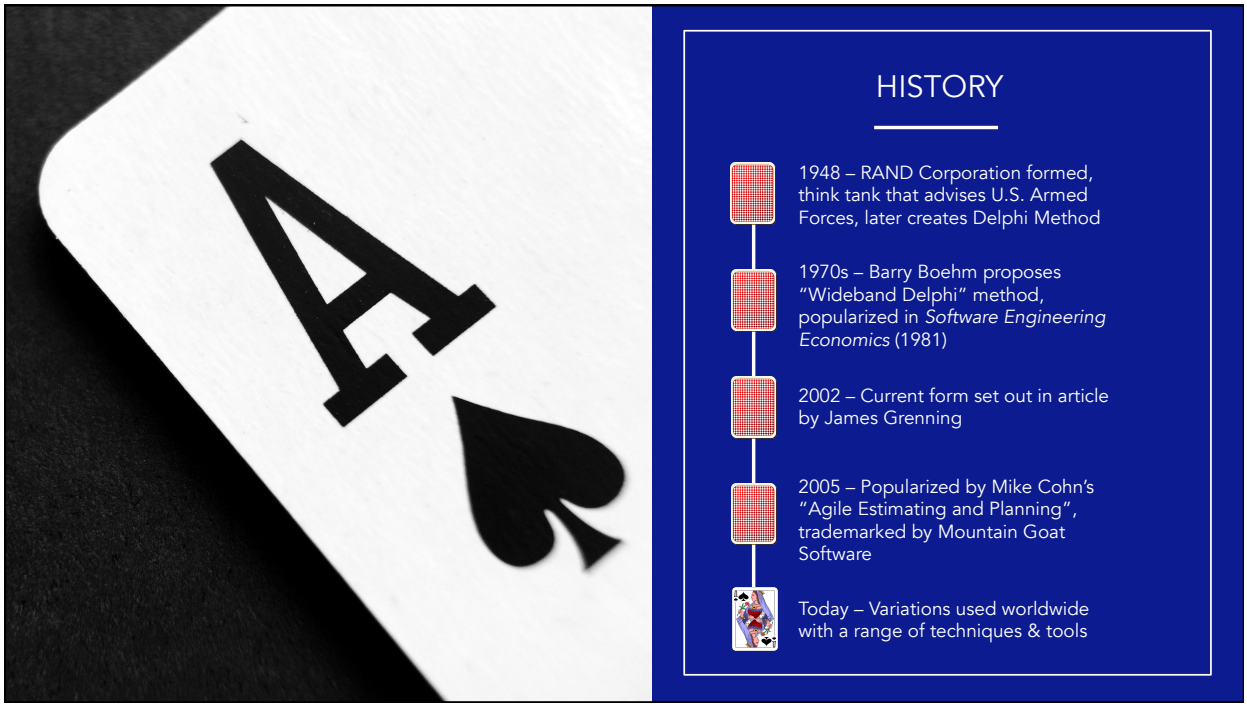
Planning Poker is a consensus-based estimation technique used by Agile teams globally.

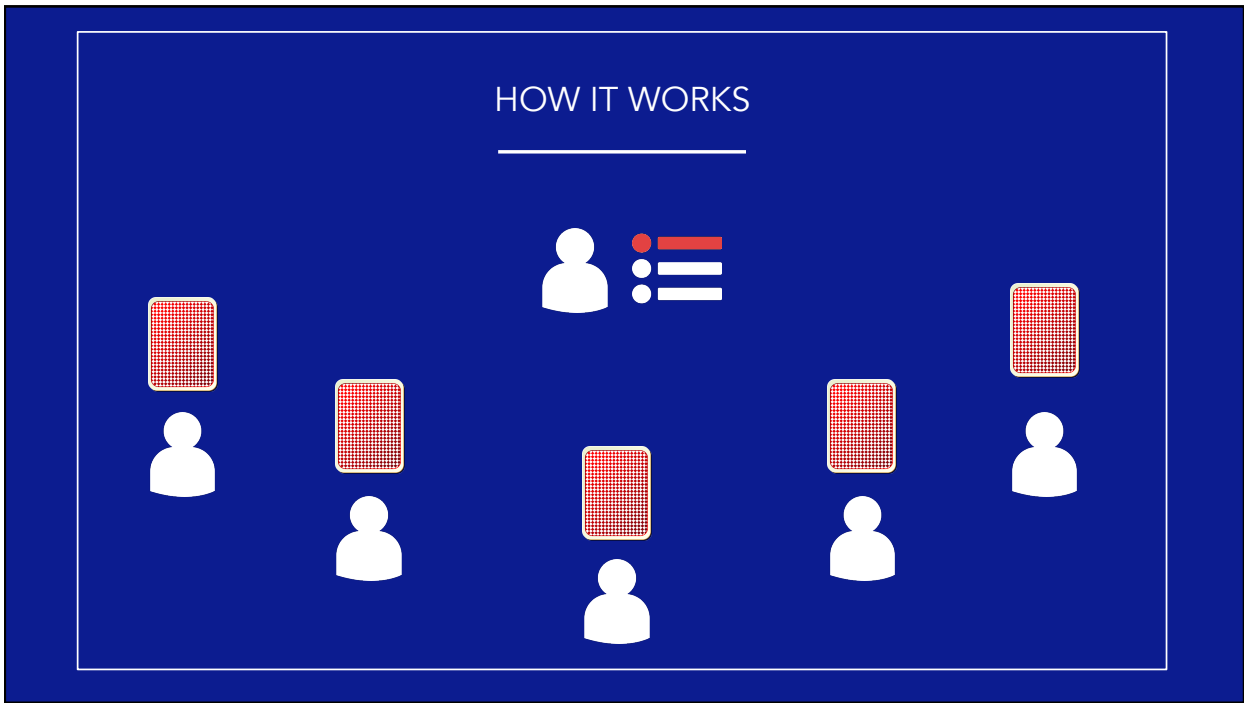

HISTORY
1948 – RAND Corporation formed, think tank that advises U.S. Armed Forces, later creates Delphi Method

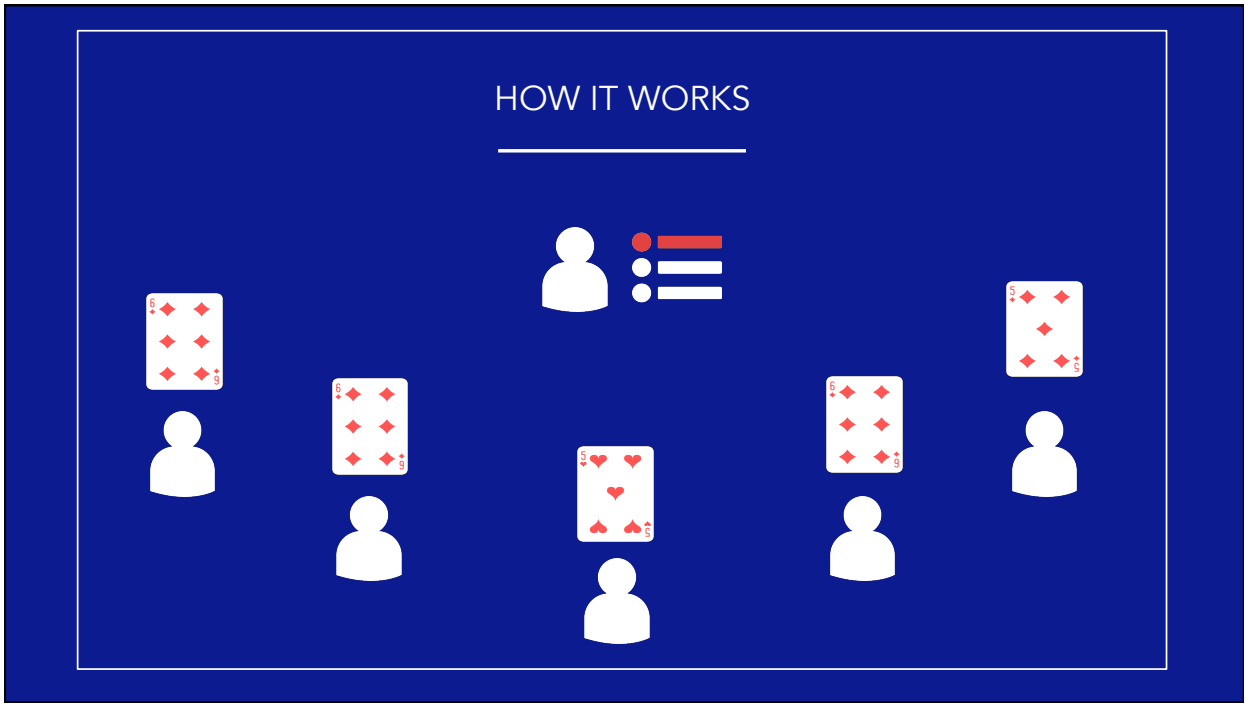

HISTORY
1948 – RAND Corporation formed, think tank that advises U.S. Armed Forces, later creates Delphi Method
1970s – Barry Boehm proposes "Wideband Delphi" method, popularized in *Software Engineering Economics* (1981)

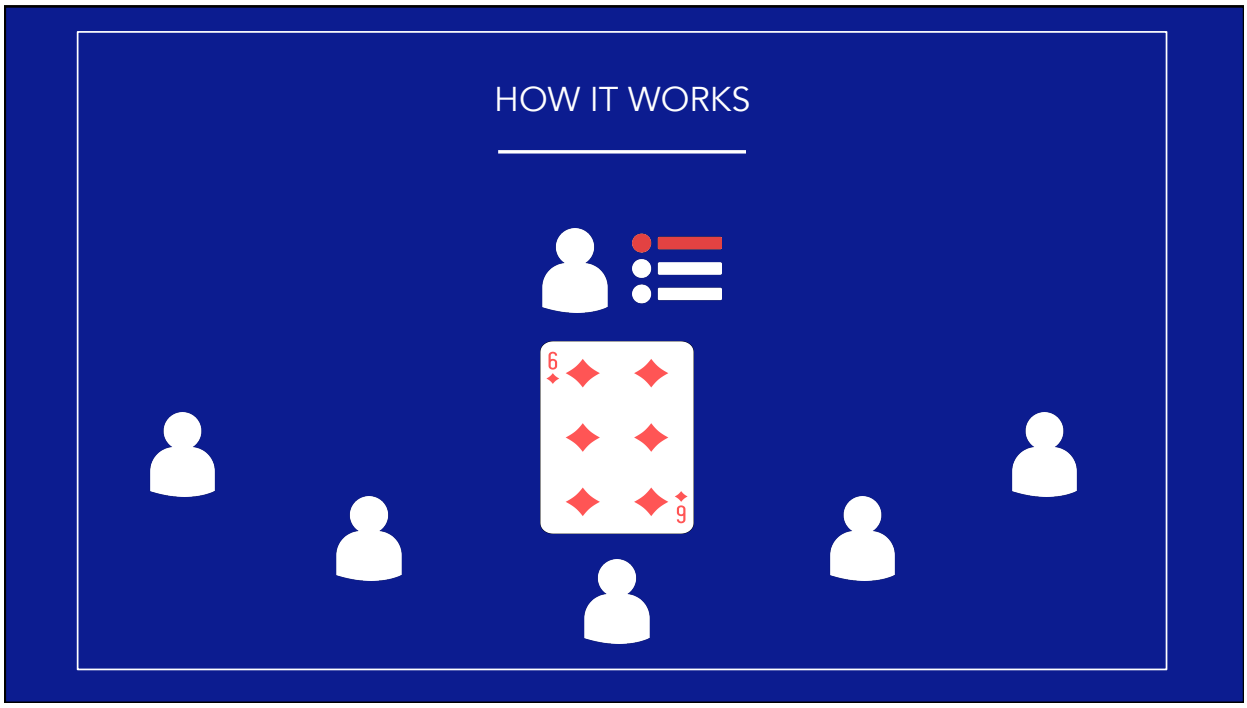

HISTORY
1948 – RAND Corporation formed, think tank that advises U.S. Armed Forces, later creates Delphi Method
1970s – Barry Boehm proposes "Wideband Delphi" method, popularized in *Software Engineering Economics* (1981)
2002 – Current form set out in article by James Grenning

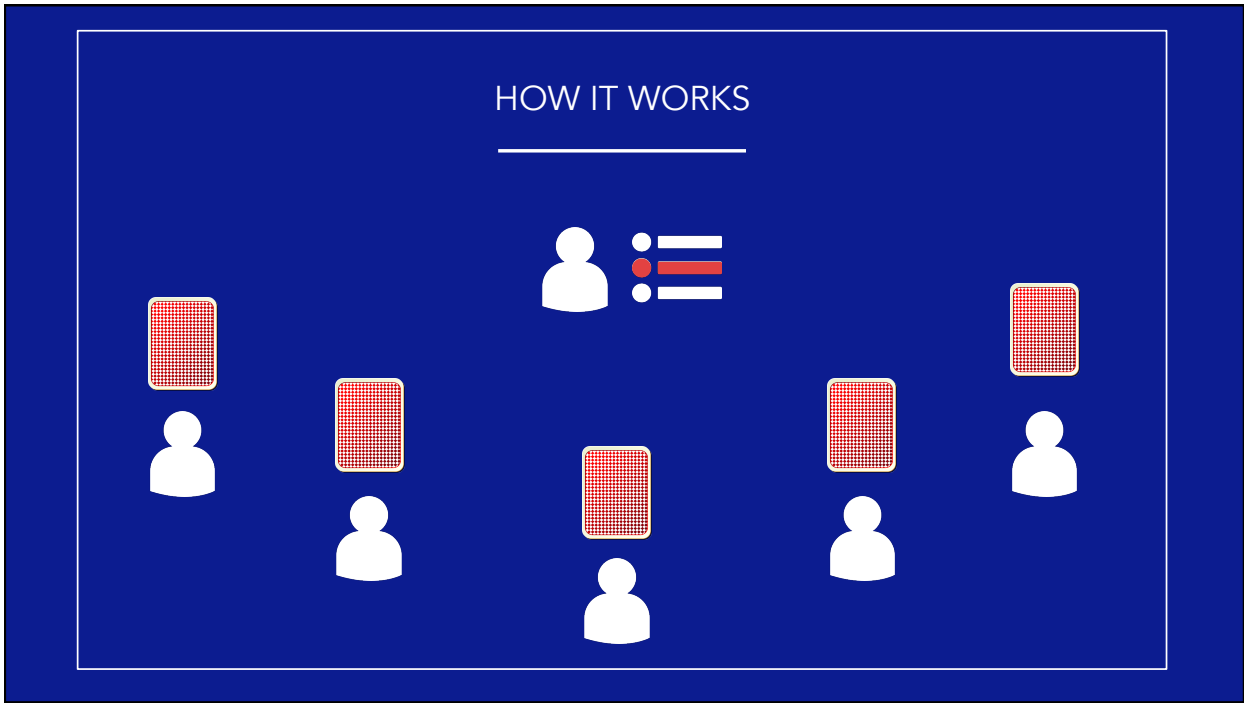

HISTORY
1948 – RAND Corporation formed, think tank that advises U.S. Armed Forces, later creates Delphi Method
1970s – Barry Boehm proposes "Wideband Delphi" method, popularized in *Software Engineering Economics* (1981)
2002 – Current form set out in article by James Grenning
2005 – Popularized by Mike Cohn's "Agile Estimating and Planning", trademarked by Mountain Goat Software

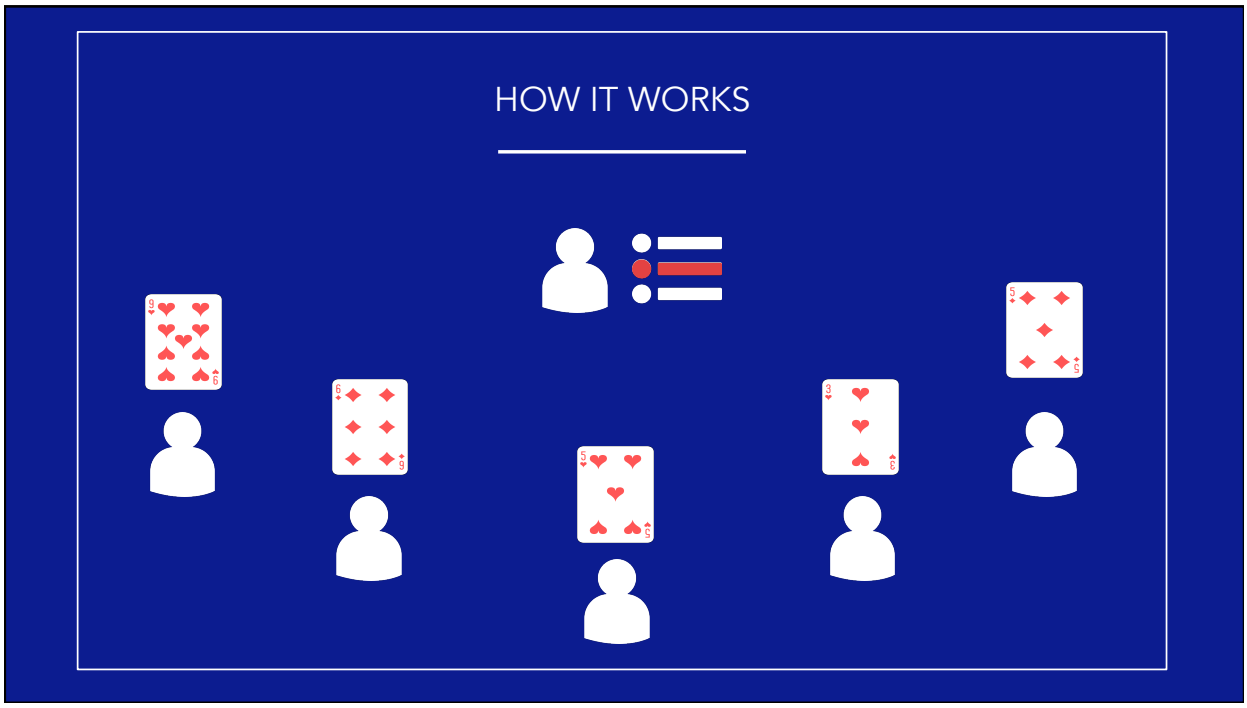

HISTORY
1948 – RAND Corporation formed, think tank that advises U.S. Armed Forces, later creates Delphi Method
1970s – Barry Boehm proposes "Wideband Delphi" method, popularized in *Software Engineering Economics* (1981)
2002 – Current form set out in article by James Grenning
2005 – Popularized by Mike Cohn's "Agile Estimating and Planning", trademarked by Mountain Goat Software
Today – Variations used worldwide with a range of techniques & tools

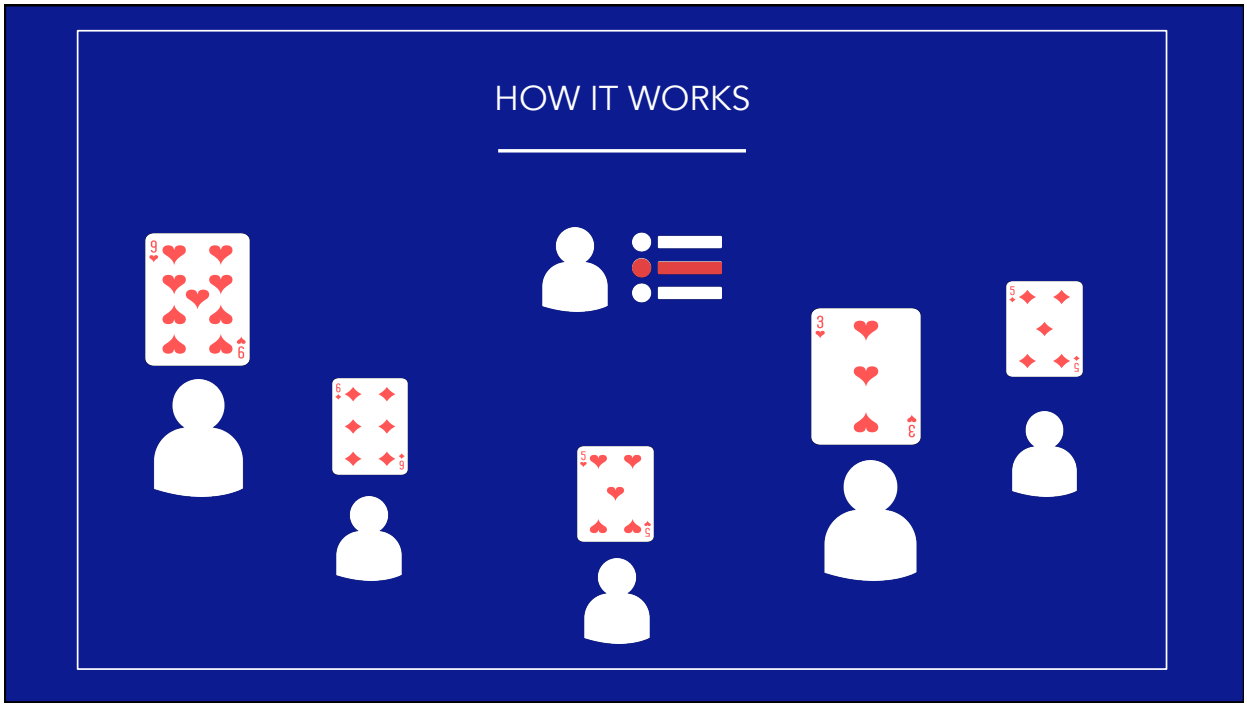

HOW IT WORKS

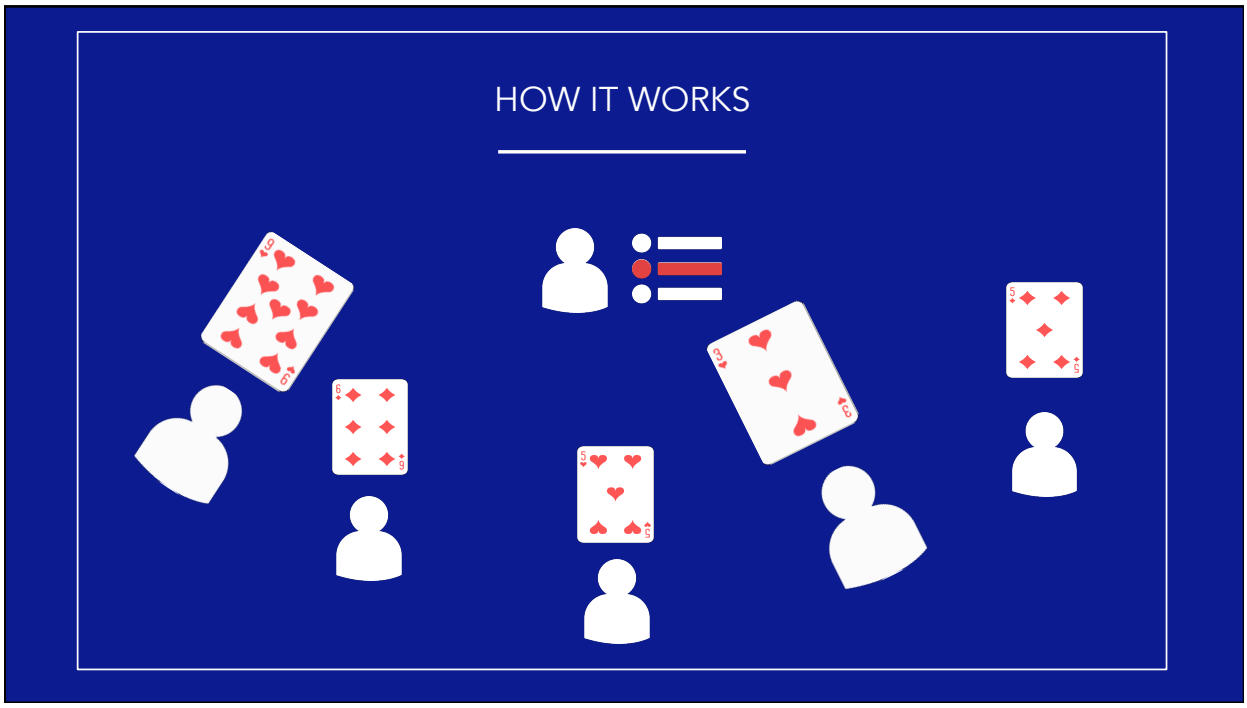

HOW IT WORKS

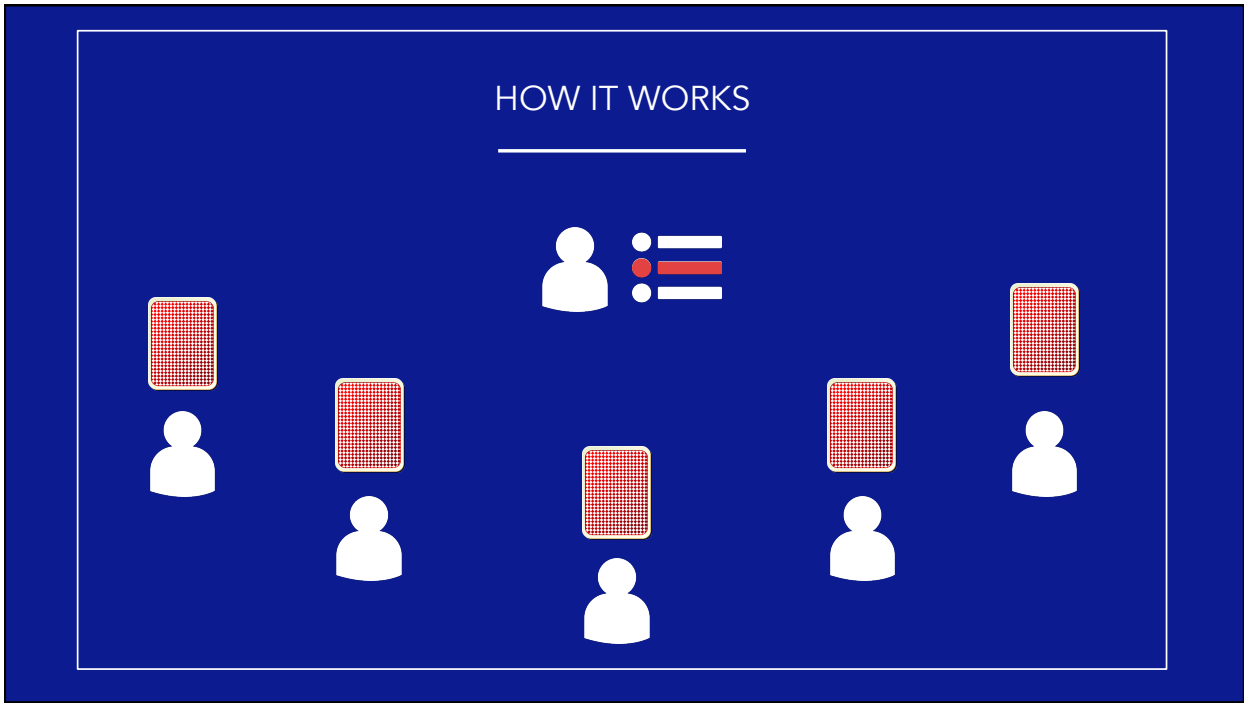

HOW IT WORKS

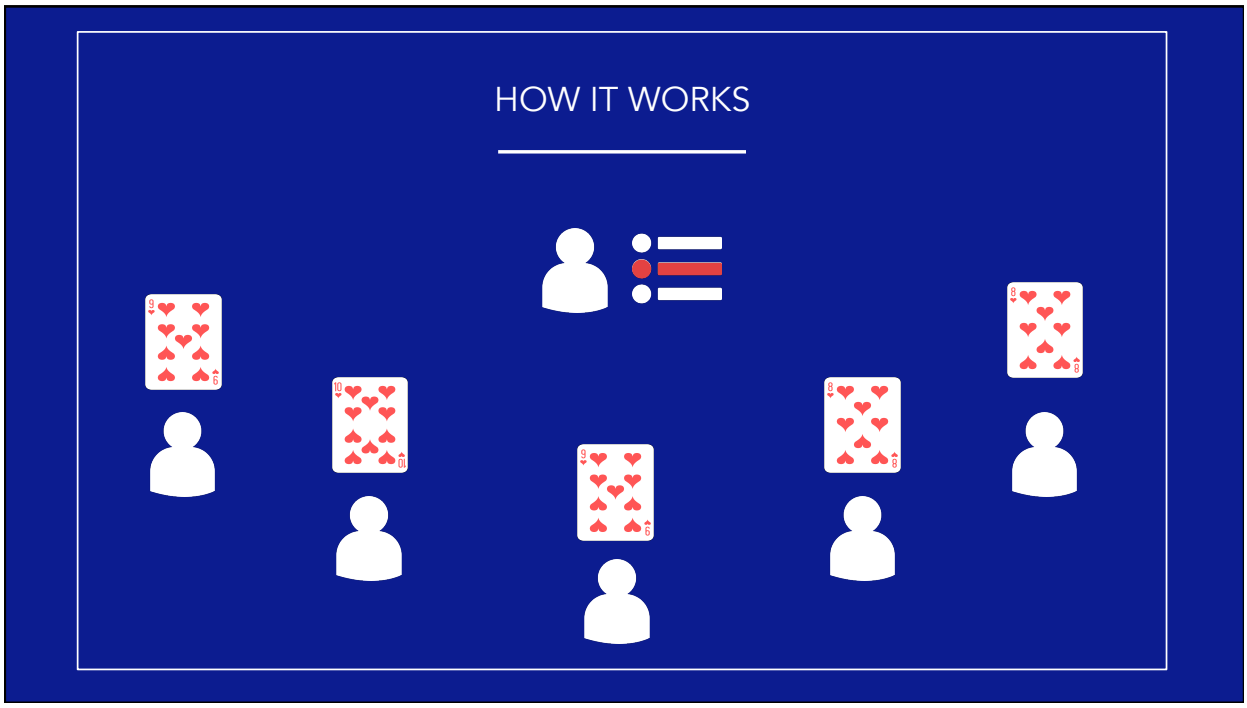

HOW IT WORKS


HOW IT WORKS

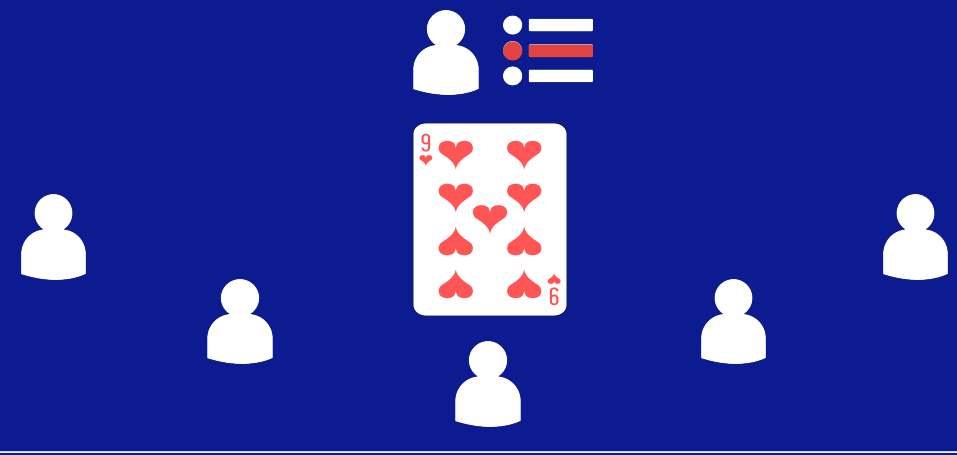

HOW IT WORKS


HOW IT WORKS


HOW IT WORKS


HOW IT WORKS

HOW IT WORKS



DISAGREEMENTS

- HOW TO GET THE FINAL ESTIMATE
  - Keep voting until everyone votes the same number
  - Keep voting until estimates are "close enough" and average them
  - Average the votes even if they're not very close
  - When averaging, keep exact average or round up

DISAGREEMENTS

- HOW TO GET THE FINAL ESTIMATE
- NUMBER SEQUENCING
  - *Playing Cards:*
    - Ace, 2, 3, 4, 5, 6… King
  - *Modified Fibonacci:*
    - 0, ½, 1, 3, 5, 8, 13, 40, 40, 100
  - *Sequential:*
    - 0, ½, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 15…
  - *T-Shirt Sizes:*
    - xxs, xs, s, m, l, xl, xxl
  - *With Icons:*
    - Infinity means it can't be done, coffee cup means I need a break
  - And what do the numbers mean? Story points, ideal days, etc.

DISAGREEMENTS

- HOW TO GET THE FINAL ESTIMATE
- NUMBER SEQUENCING
- TO TIME OR NOT TO TIME
  - Original purpose was to keep estimation meetings moving (Agile Alliance)
  - Use a timer to limit each round?
  - Use a timer to limit vote justifications?
  - How long to set in both cases?

DISAGREEMENTS

- HOW TO GET THE FINAL ESTIMATE
- NUMBER SEQUENCING
- TO TIME OR NOT TO TIME

BENEFITS

- Promotes accuracy, prevents bias
- Keeps things organized & moving
- Can assist in task assignment
- Allows for multiple timelines based on cuts

PL Platform Estimates

File Edit View Insert Format Data Tools Add-ons Help Last edit was on October 4, 2016

SHARE

Part of Platform

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Part of Platform	Endpoint/Page/Route	Jira Ticket	Notes	Alex	Gerardo	Joel	Jose	Justin	Raul	Average	Min	Max	Team?
2	Permissions	Plug in New Permissions	363	add 6 new permissions	0.5	3	2	3	4	8	3.4	0.5	8	6
3		Changes to Existing Permissions	384 etc.	just frontend	3	3	2	2	3	4	2.8	2	4	6
4		New Permission Frontend for Root	364	see mockup	4.5	3.5	3	3	4	3	3.5	3	4.5	6
5														
6	New District Mgmt	Users Page Changes	365 & 366	needs a popup too (366)	2	3.5	2	1.5	2	2	2.2	1.5	3.5	6
7		Users Page Permissions Updates	367		4	2.5	2.5	2	3	1.5	2.6	1.5	4	6
8		School Page – New	368		5	6	5.5	5	5	3	4.9	3	6	6
9		School Page Popups	370		10	3	3	4	1	2	3.8	1	10	6
10		Cohorts Page – New	369	Same as School	5	5	5	5	5	3.5	4.8	3.5	5	6
11		Cohorts Page Popups	370		2	3	3	3	1	2	2.3	1	3	6
12														
13	PL Framework Page	Page CSS/HTML	371		10	10	6	8	7	5	7.7	5	10	6
14		Nav to page based on permissions	372		2	2.5	2	1	0.5	3	1.8	0.5	3	6
15		Certification Backend	373	discuss w/ alex and justin	7	8	7	10	7	8	7.8	7	10	6
16		Scorm Integration	385 etc.	(inc frontend integration)	30	30	30	30	30	30	30	30	30	6
17		Page Data Plugin	374		7	12	6	8	5	7	7.5	5	12	6
18		Ability to Switch Tiles for districts	401	not MVP	13	7	8	4	7	4	7.2	4	13	6
19		Ability to test out of some tiles	402	not MVP	16	10	12	8	14	12	12	8	16	6
20		Manager View	375		6	12	8	8	10	10	9	6	12	6
21														
22	Other PL Pages	PL Page / Video	337		15	9	11	10	7	7	9.8	7	15	6
23		PL Page / File / Reflection	378		7	12	10	9	10	7	9.2	7	12	6
24		PL Page / File / Reflection Manager View	379		10	10	12	7	5	10	9	5	12	6
25		PL Page Discussion	376	needs more definition	5	7	11	10	10	10	8.8	5	11	6
26		PL Coach/Manager Instructions Page	403	not MVP	3	4	5	7	3	6	4.7	3	7	6
27														

Full Estimation | Copy of Full Estimation | Cuts #1 - No Advanced | Cuts #2 - No Dashboard | Cuts #3 - SCORM Only

196

RAW MATH
- 6 Devs
- 5 days/week
- 30 points/week
- 196/30 = 6.4 weeks!

2016

January

S	M	T	W	Th	F	S
					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	26	27	28	29	30
31						

February

S	M	T	W	Th	F	S
	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	26	27
28	29					

March

S	M	T	W	Th	F	S
		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	26
27	28	29	30	31		

April

S	M	T	W	Th	F	S
					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	26	27	28	29	30

May

S	M	T	W	Th	F	S
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	26	27	28
29	30	31				

June

S	M	T	W	Th	F	S
			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
26	27	28	29	30		

July

S	M	T	W	Th	F	S
					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	26	27	28	29	30
31						

August

S	M	T	W	Th	F	S
	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	26	27
28	29	30	31			

September

S	M	T	W	Th	F	S
				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	26	27	28	29	30	

October

S	M	T	W	Th	F	S
						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	26	27	28	29
30	31					

November

S	M	T	W	Th	F	S
		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	26
27	28	29	30			

December

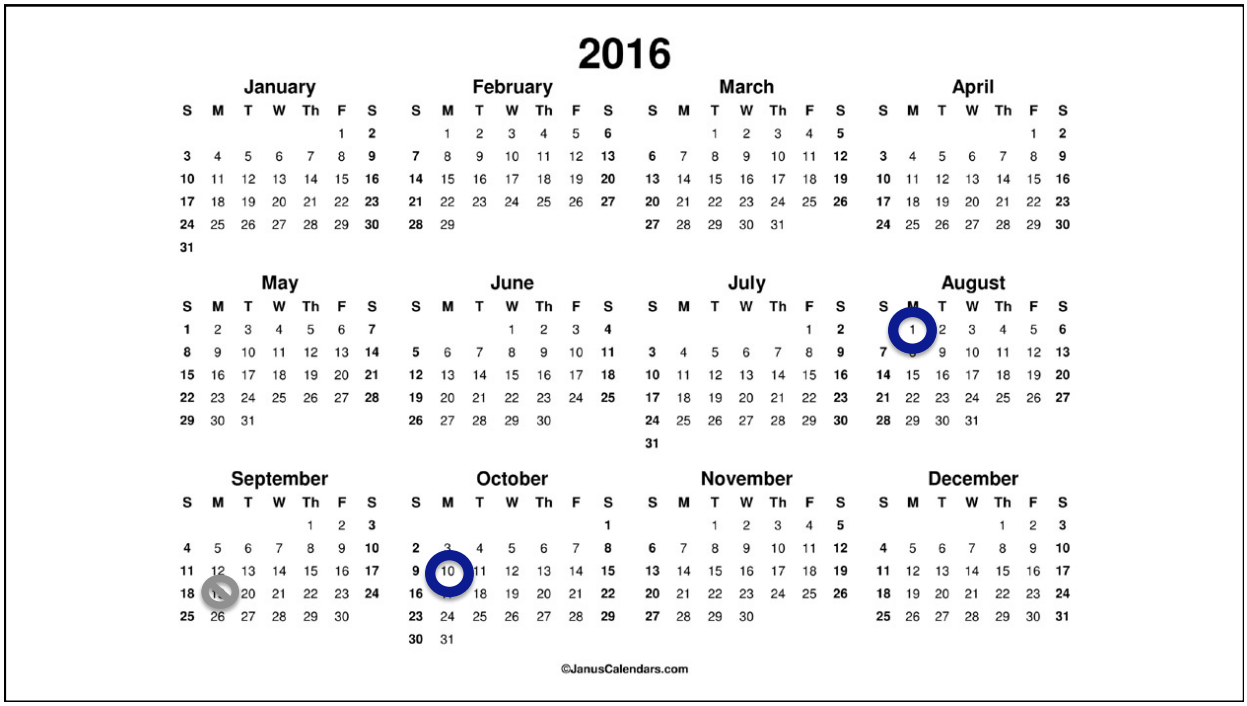
S	M	T	W	Th	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

©JanusCalendars.com

196

RAW MATH = 6.4 weeks

VELOCITY
- 20 points/week
- 196/20 = 9.8 weeks!



2016

January

S	M	T	W	Th	F	S
					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	26	27	28	29	30
31						

February

S	M	T	W	Th	F	S
	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	26	27
28	29					

March

S	M	T	W	Th	F	S
		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	26
27	28	29	30	31		

April

S	M	T	W	Th	F	S
					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	26	27	28	29	30

May

S	M	T	W	Th	F	S
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	26	27	28
29	30	31				

June

S	M	T	W	Th	F	S
			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
26	27	28	29	30		

July

S	M	T	W	Th	F	S
					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	26	27	28	29	30
31						

August

S	M	T	W	Th	F	S
	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	26	27
28	29	30	31			

September

S	M	T	W	Th	F	S
				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	26	27	28	29	30	

October

S	M	T	W	Th	F	S
						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	26	27	28	29
30	31					

November

S	M	T	W	Th	F	S
		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	26
27	28	29	30			

December

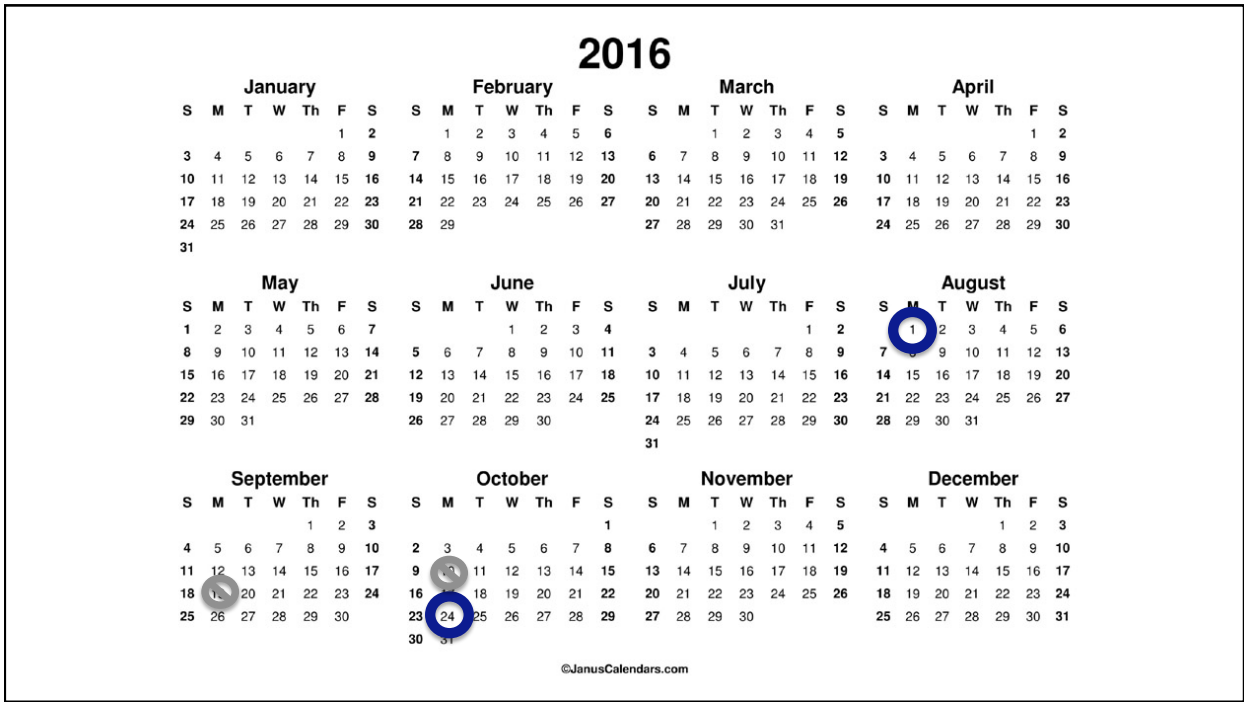
S	M	T	W	Th	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

©JanusCalendars.com

196

RAW MATH = 6.4 weeks
VELOCITY = 9.8 weeks

MAINTENANCE
- 3 points/week
- Velocity = 17/week
- 196/17= 11.5 weeks!



2016

January

S	M	T	W	Th	F	S
					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	26	27	28	29	30
31						

February

S	M	T	W	Th	F	S
	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	26	27
28	29					

March

S	M	T	W	Th	F	S
		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	26
27	28	29	30	31		

April

S	M	T	W	Th	F	S
					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	26	27	28	29	30

May

S	M	T	W	Th	F	S
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	26	27	28
29	30	31				

June

S	M	T	W	Th	F	S
			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
26	27	28	29	30		

July

S	M	T	W	Th	F	S
					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	26	27	28	29	30
31						

August

S	M	T	W	Th	F	S
	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	26	27
28	29	30	31			

September

S	M	T	W	Th	F	S
				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	26	27	28	29	30	

October

S	M	T	W	Th	F	S
						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	26	27	28	29
30	31					

November

S	M	T	W	Th	F	S
		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	26
27	28	29	30			

December

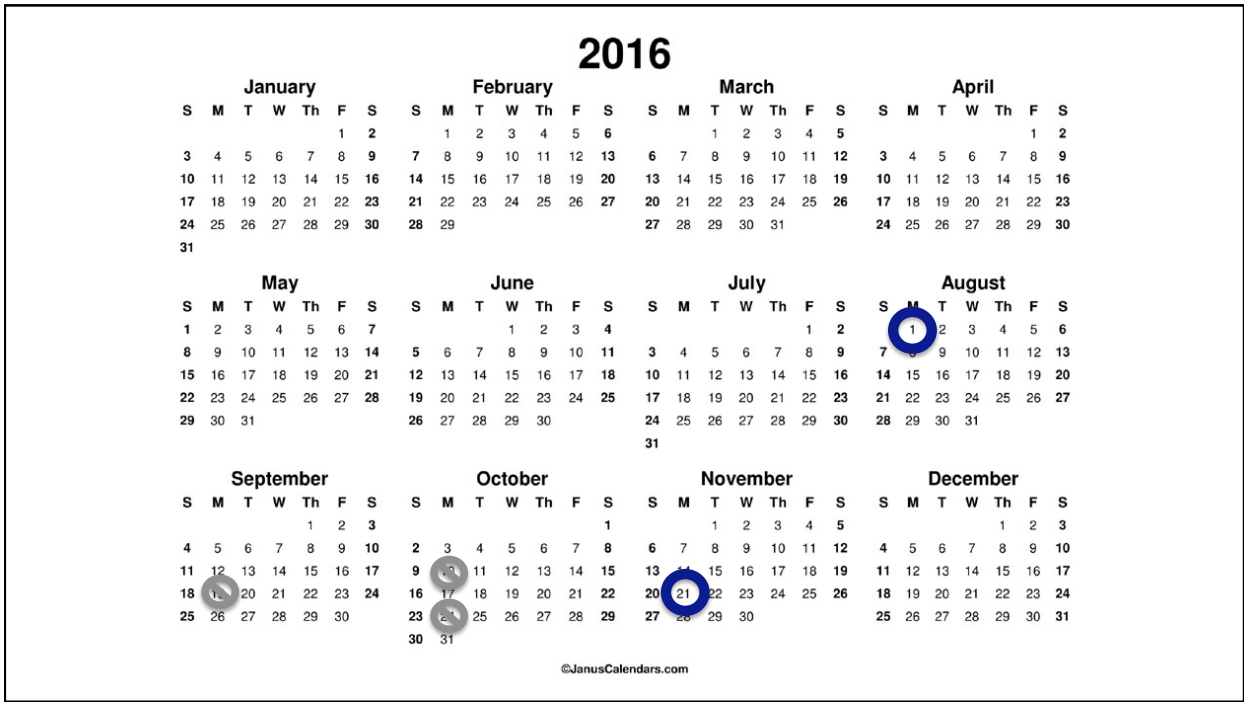
S	M	T	W	Th	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

©JanusCalendars.com

196

RAW MATH = 6.4 weeks
VELOCITY = 9.8 weeks
MAINTENANCE = 11.5 weeks

SCOPE CREEP
- 35% increase!
- 196 * .35 = 67.55
- 196 + 67.55 = 263.55
- 263.55/17 = 15.5 weeks!



2016

January

S	M	T	W	Th	F	S
					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	26	27	28	29	30
31						

February

S	M	T	W	Th	F	S
	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	26	27
28	29					

March

S	M	T	W	Th	F	S
		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	26
27	28	29	30	31		

April

S	M	T	W	Th	F	S
					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	26	27	28	29	30

May

S	M	T	W	Th	F	S
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	26	27	28
29	30	31				

June

S	M	T	W	Th	F	S
			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
26	27	28	29	30		

July

S	M	T	W	Th	F	S
					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	26	27	28	29	30
31						

August

S	M	T	W	Th	F	S
	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	26	27
28	29	30	31			

September

S	M	T	W	Th	F	S
				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	26	27	28	29	30	

October

S	M	T	W	Th	F	S
						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	26	27	28	29
30	31					

November

S	M	T	W	Th	F	S
		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	26
27	28	29	30			

December

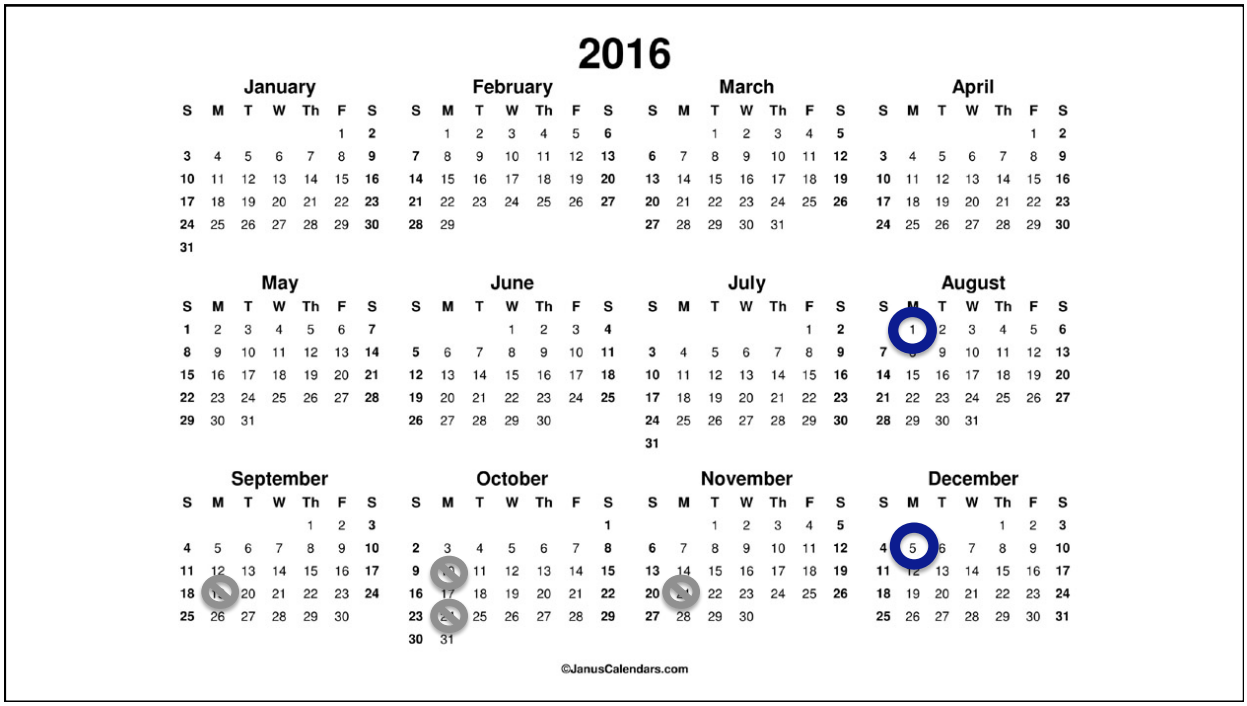
S	M	T	W	Th	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

©JanusCalendars.com

196

RAW MATH = 6.4 weeks
VELOCITY = 9.8 weeks
MAINTENANCE = 11.5 weeks
SCOPE CREEP = 15.5 weeks

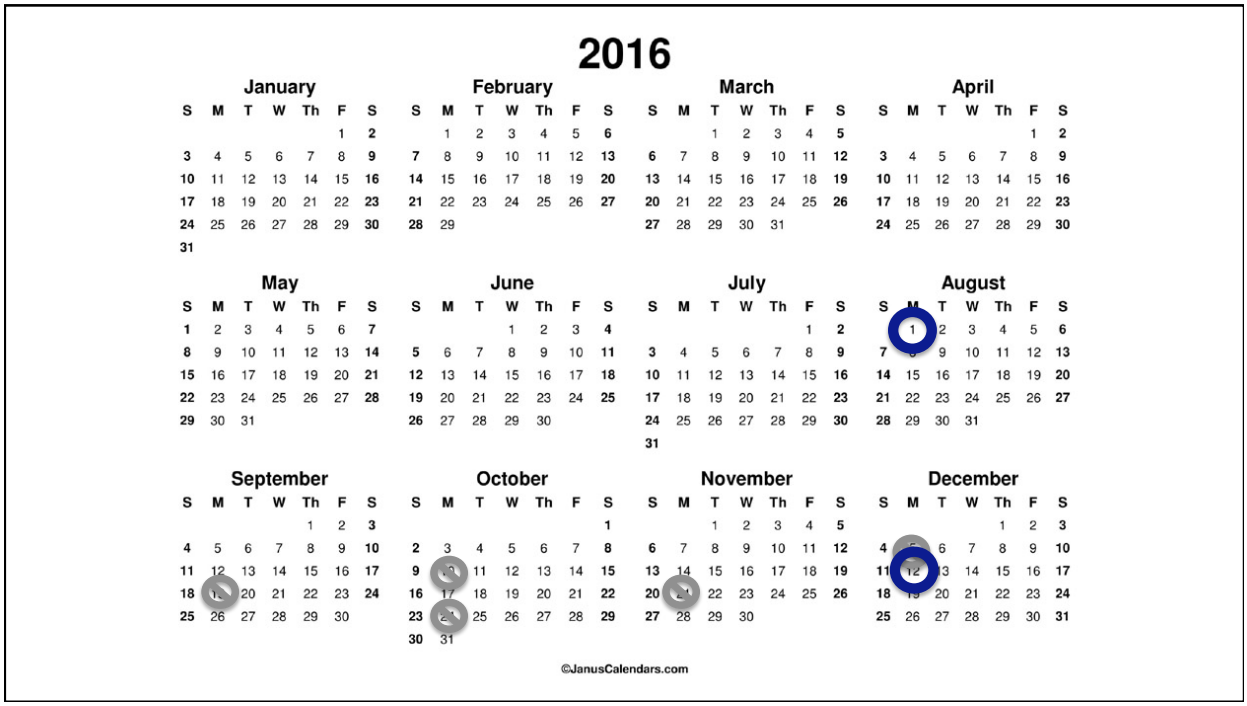
DAYS OFF
- Thanksgiving = 1 week
- Vacations/Sick = 1 week
- Total = 17.5 weeks



196

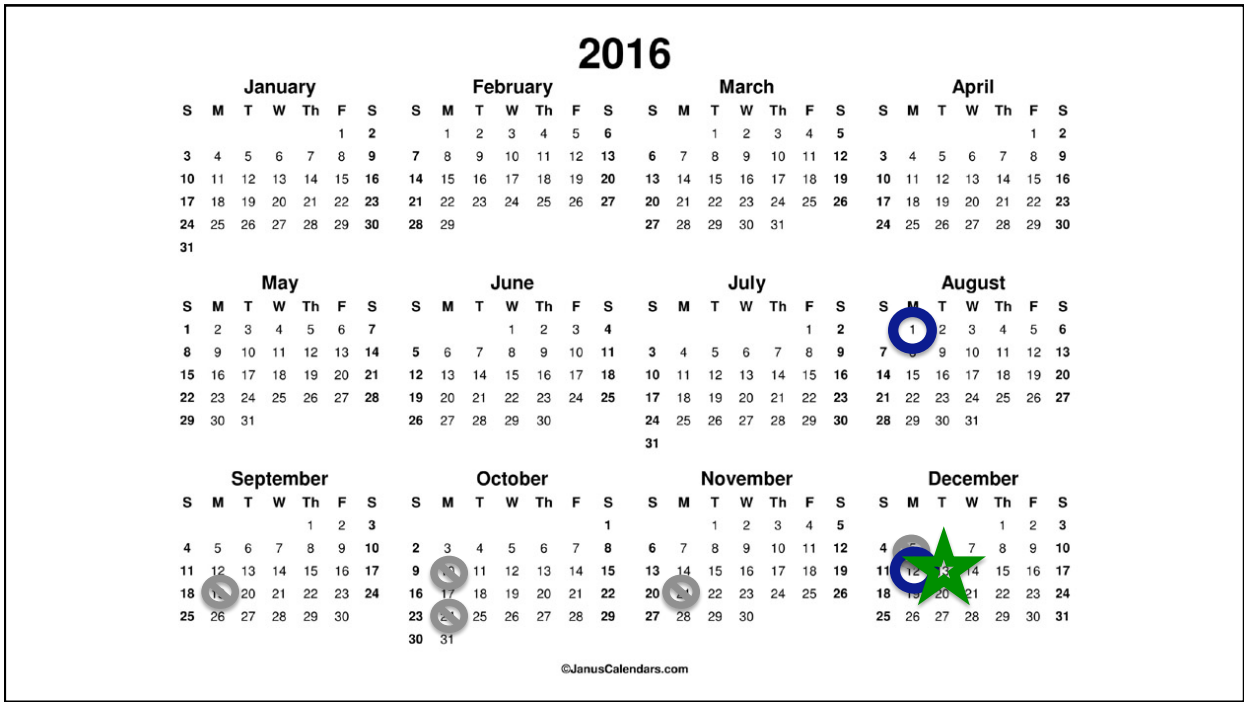
RAW MATH = 6.4 weeks
VELOCITY = 9.8 weeks
MAINTENANCE = 11.5 weeks
SCOPE CREEP = 15.5 weeks
DAYS OFF = 17.5 weeks

QUALITY ASSURANCE
- Regression Testing & Cleanup = 1 week
- Total = 18.5 weeks!



PLAN FOR

1. HISTORICAL VELOCITY
2. MAINTENANCE
3. SCOPE CREEP
4. DAYS OFF
5. QUALITY ASSURACE



2016

January

S	M	T	W	Th	F	S
					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	26	27	28	29	30
31						

February

S	M	T	W	Th	F	S
	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	26	27
28	29					

March

S	M	T	W	Th	F	S
		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	26
27	28	29	30	31		

April

S	M	T	W	Th	F	S
					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	26	27	28	29	30

May

S	M	T	W	Th	F	S
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	26	27	28
29	30	31				

June

S	M	T	W	Th	F	S
			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
26	27	28	29	30		

July

S	M	T	W	Th	F	S
					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	26	27	28	29	30
31						

August

S	M	T	W	Th	F	S
	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	26	27
28	29	30	31			

September

S	M	T	W	Th	F	S
				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	26	27	28	29	30	

October

S	M	T	W	Th	F	S
						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	26	27	28	29
30	31					

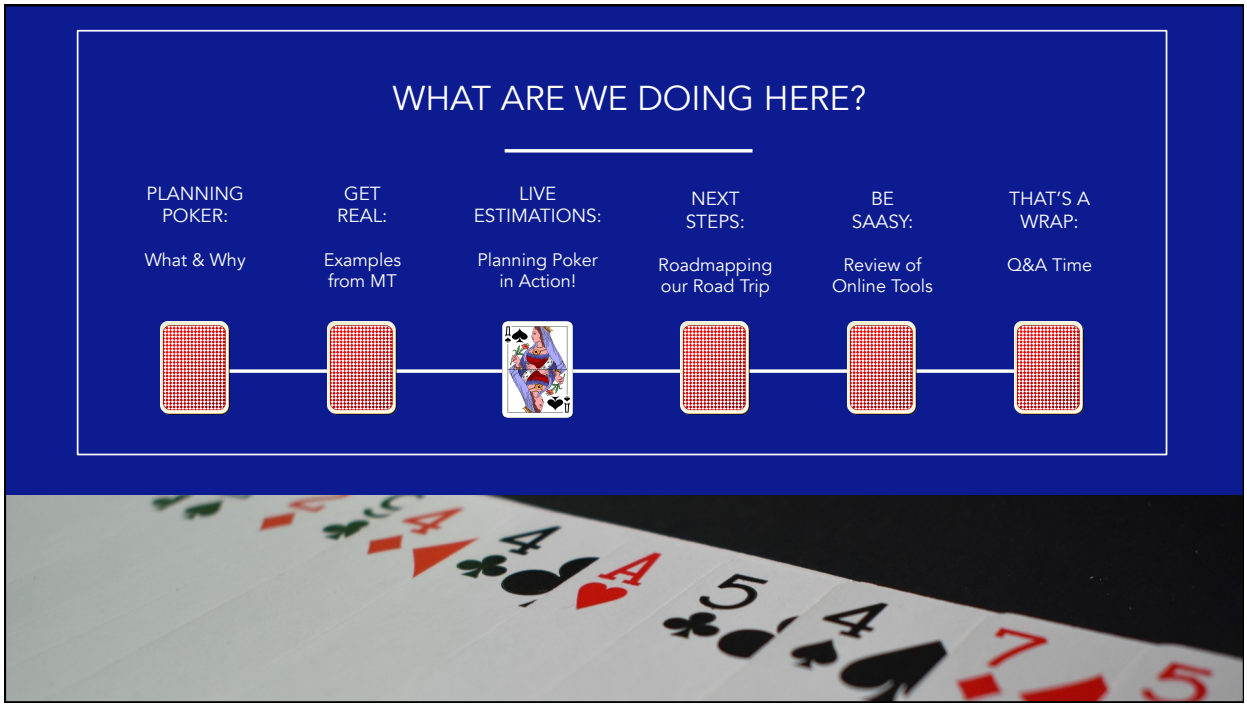
November

S	M	T	W	Th	F	S
		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	26
27	28	29	30			

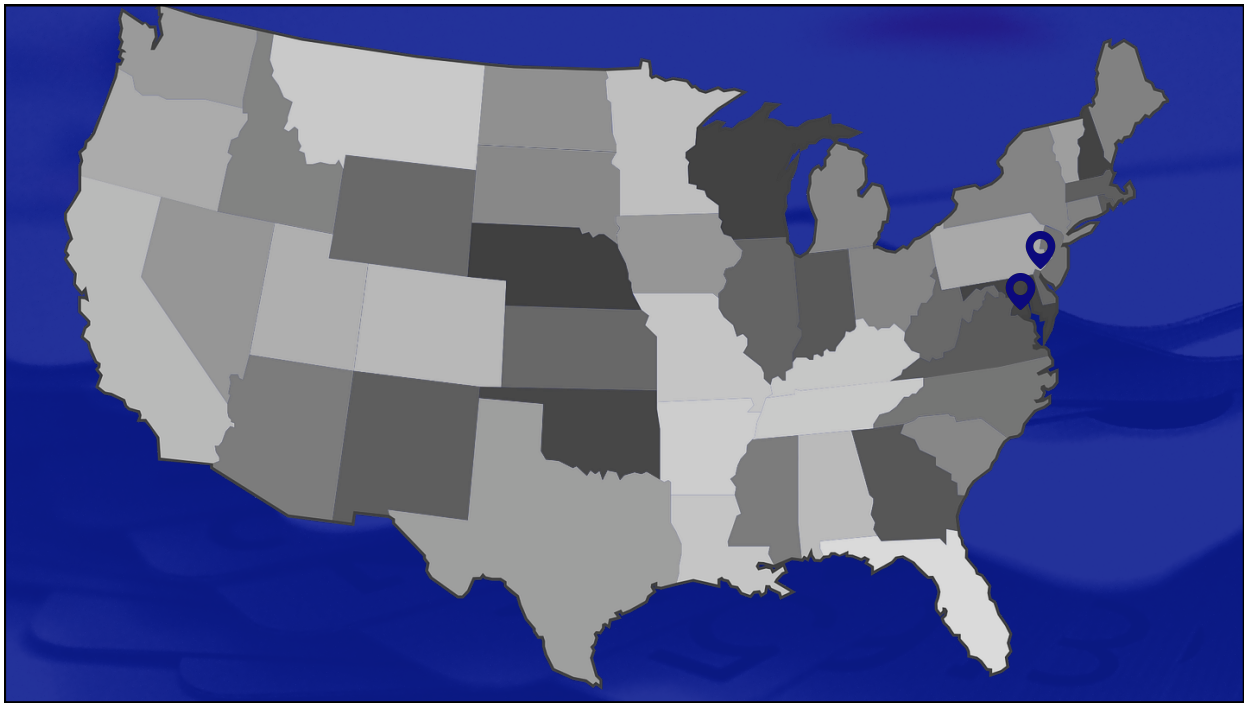
December

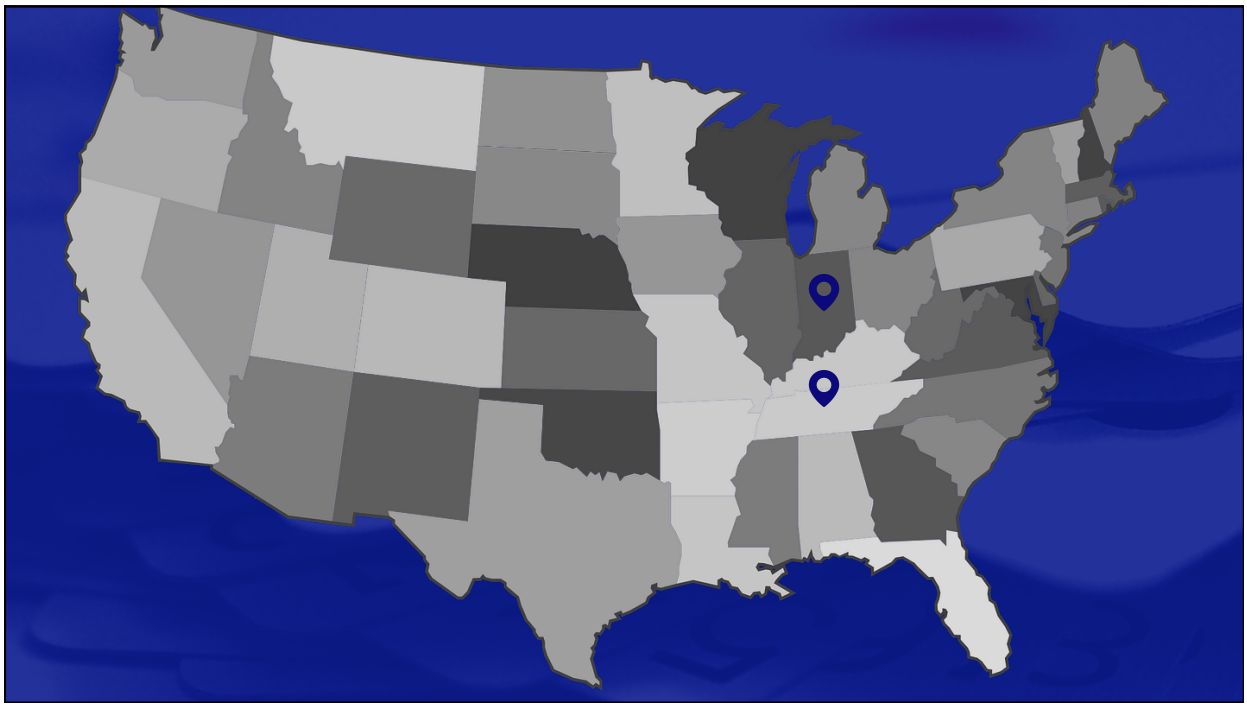
S	M	T	W	Th	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

©JanusCalendars.com

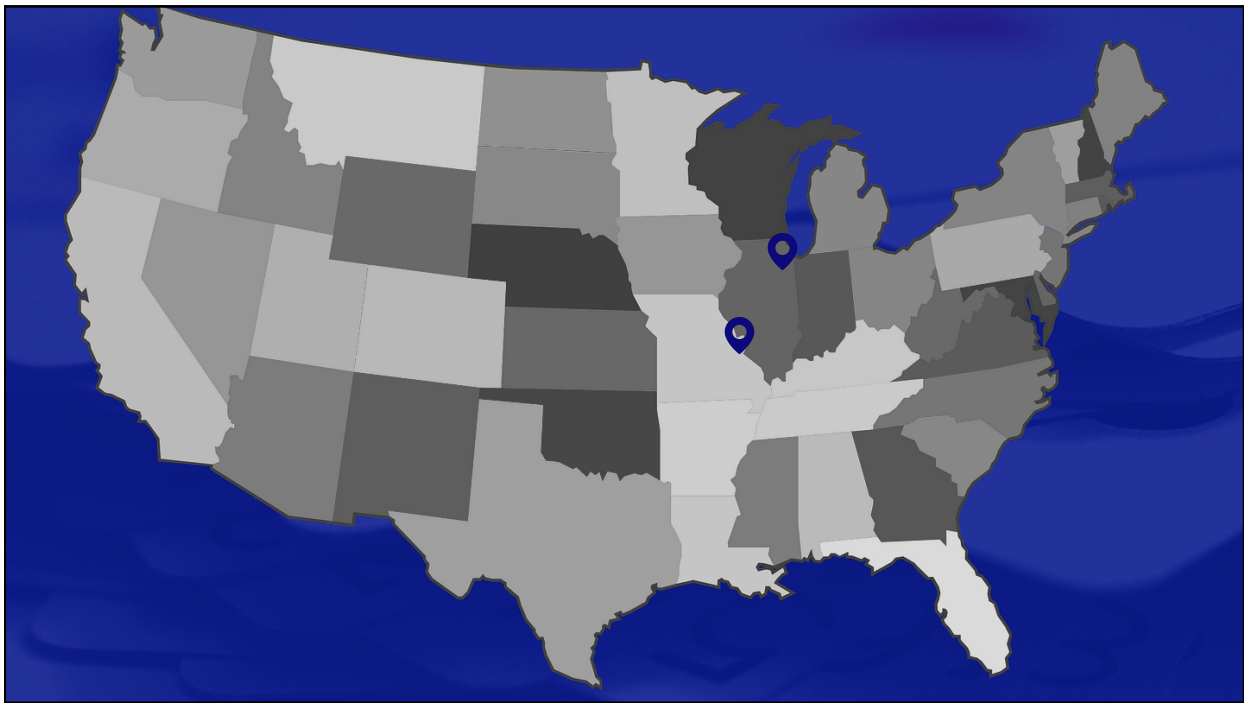

WHAT ARE WE DOING HERE?
PLANNING POKER:
What & Why
GET REAL:
Examples from MT
LIVE ESTIMATIONS:
Planning Poker in Action!
NEXT STEPS:
Roadmapping our Road Trip
BE SAASY:
Review of Online Tools
THAT'S A WRAP:
Q&A Time

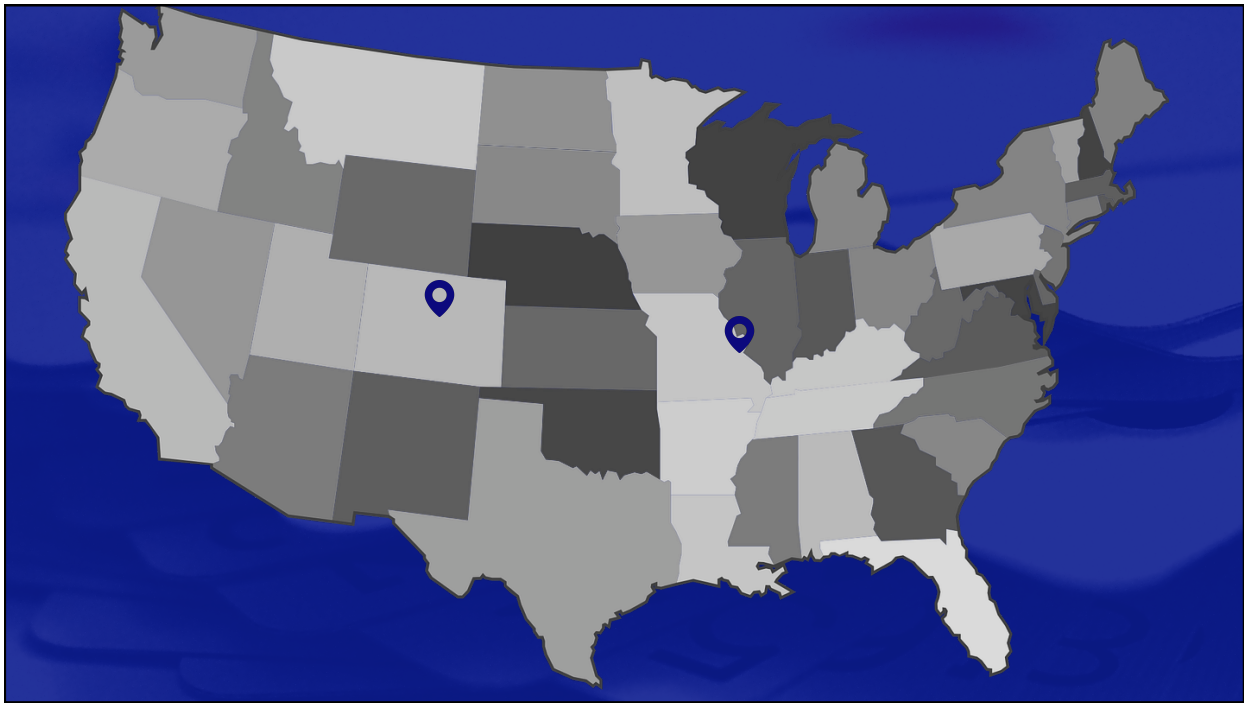
It's
just
a
game

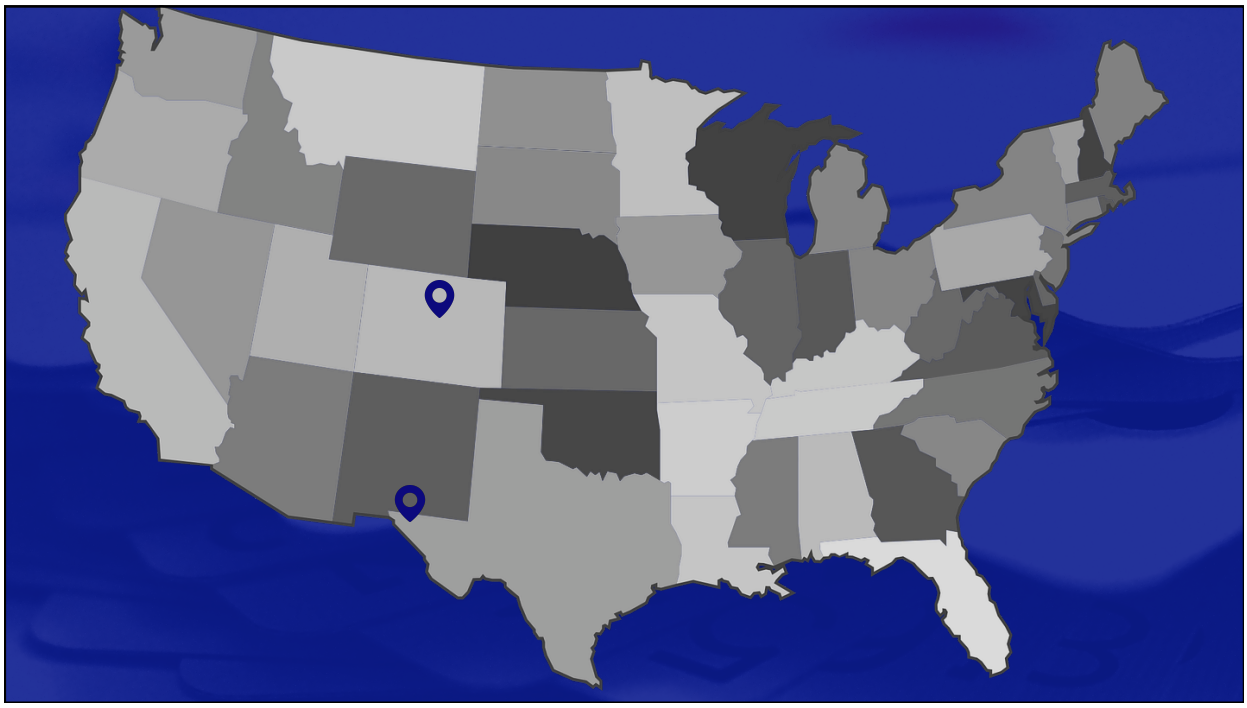


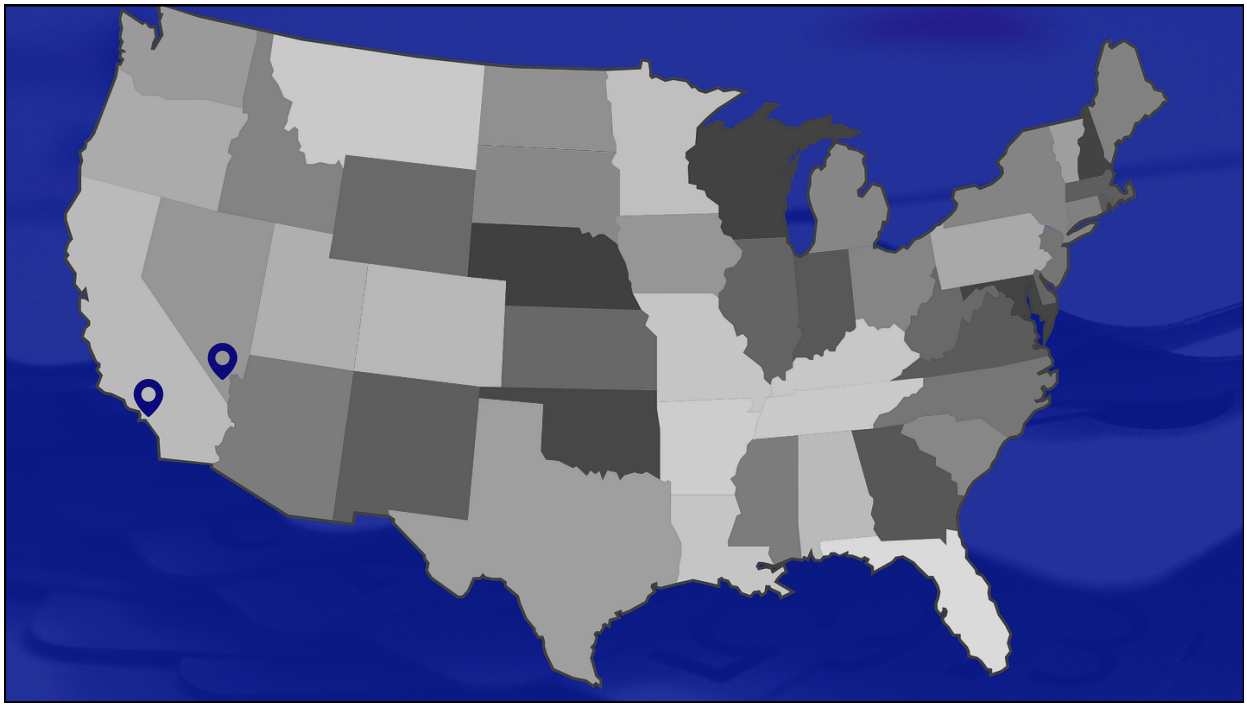


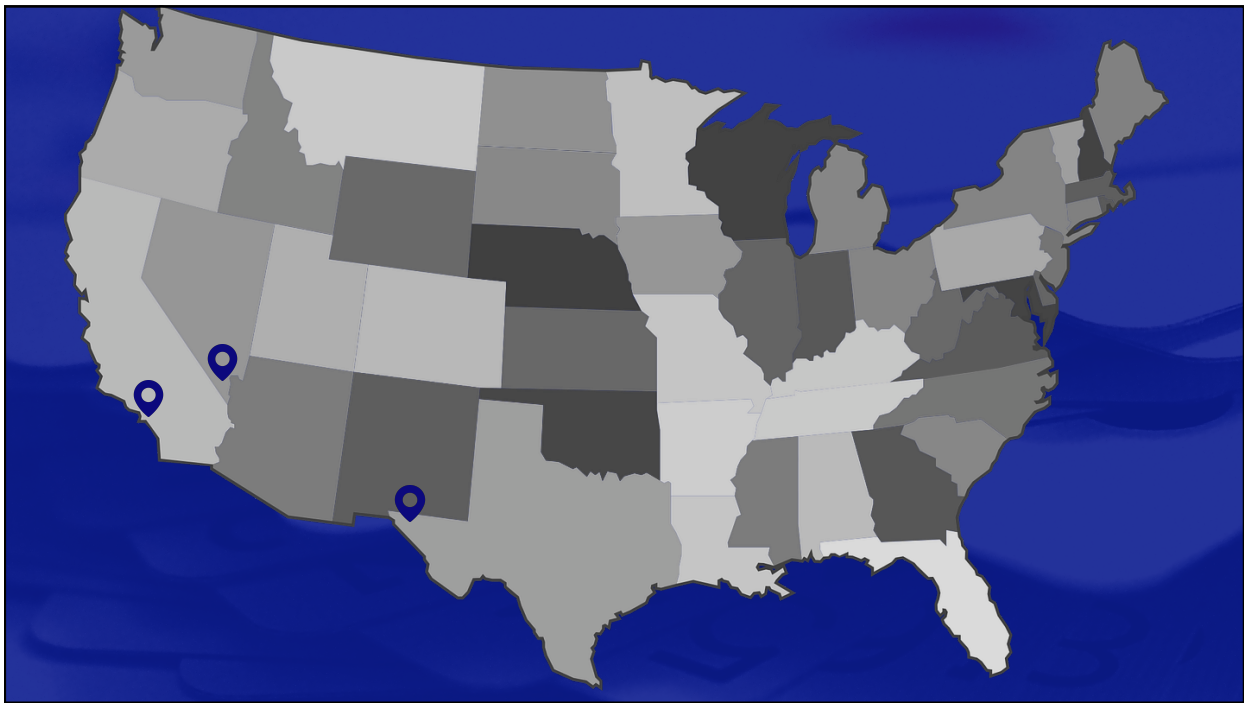
It's
just
a
game
bit.ly/techwellpoker

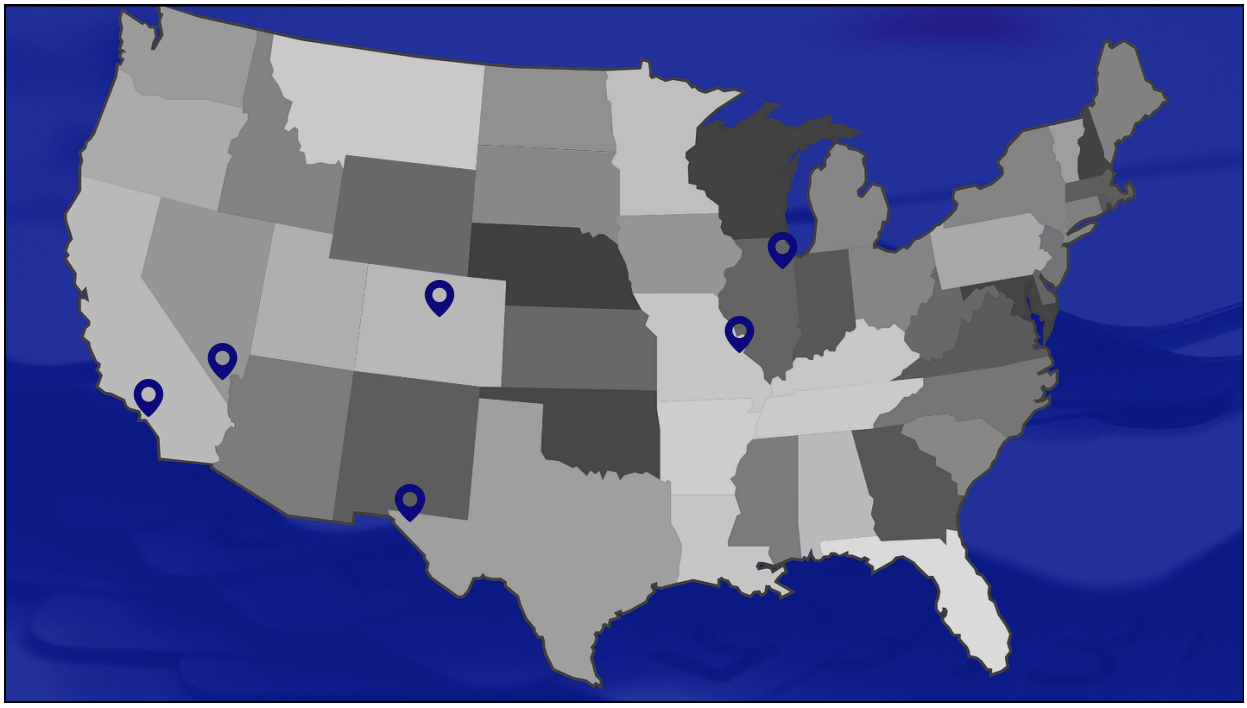


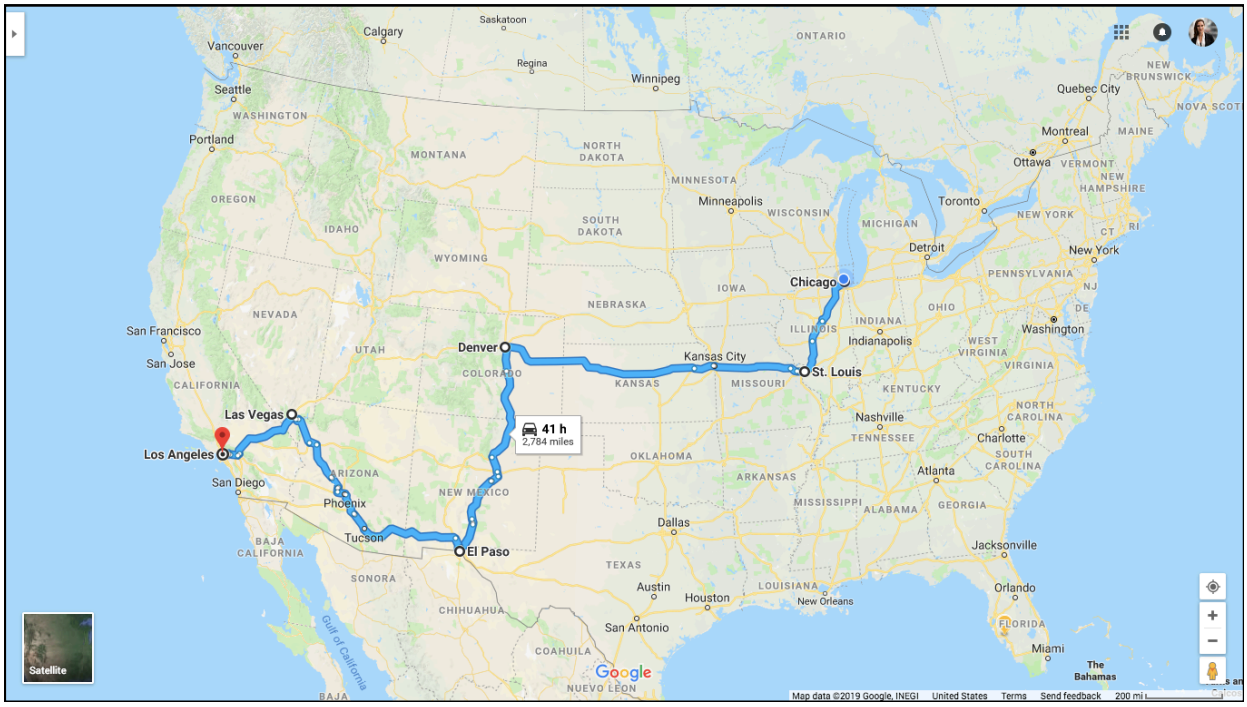






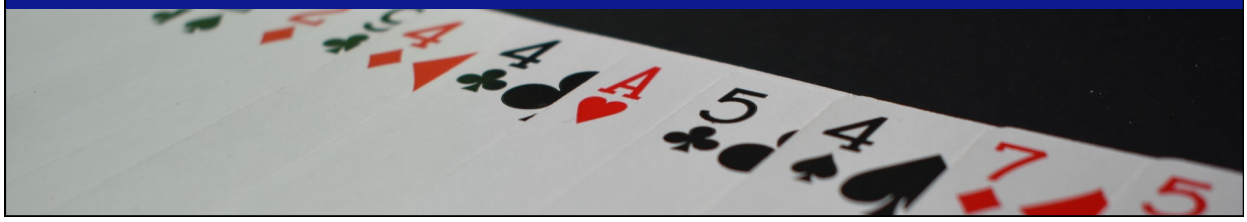





Calgary
Saskatoon
Vancouver
Regina
Winnipeg
Seattle
Portland
Quebec City
Montreal
Ottawa
Toronto
Minneapolis
Detroit
New York
Chicago
Denver
Kansas City
St. Louis
Indianapolis
Washington
San Francisco
San Jose
Las Vegas
Los Angeles
San Diego
Phoenix
Tucson
El Paso
Nashville
Charlotte
Atlanta
Dallas
Jacksonville
Orlando
Miami
Austin
Houston
San Antonio
New Orleans
The Bahamas
41 h
2,784 miles
Satellite
Google
Map data ©2019 Google, INEGI
United States
Terms
Send feedback
200 mi

WHAT ARE WE DOING HERE?

PLANNING POKER:	GET REAL:	LIVE ESTIMATIONS:	NEXT STEPS:	BE SAASY:	THAT'S A WRAP:
What & Why	Examples from MT	Planning Poker in Action!	Roadmapping our Road Trip	Review of Online Tools	Q&A Time



41 Hours

RAW MATH
- 24 hours in a day
- 41/24 = 1.7 days!

July

S	M	T	W	T	F	S
	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	26	27
28	29	30	31			

41 Hours

RAW MATH = 1.7 days

VELOCITY
- 6 hours/day
- 41/6 = 6.8 days

July

S	M	T	W	T	F	S
	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	26	27
28	29	30	31			

41 Hours

RAW MATH = 1.7 days
VELOCITY = 6.8 days

MAINTENANCE
- Getting gas, flat tire, bathroom breaks, etc. = 1 hour/day
- 41/5 = 8.2 days

July

S	M	T	W	T	F	S
	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	26	27
28	29	30	31			

41 Hours

RAW MATH = 1.7 days
VELOCITY = 6.8 days
MAINTENANCE = 8.2 days

SCOPE CREEP
- 30% increase!
- 41* .3 = 12.3
- 41+ 12.3 = 53.3
- 53.3/5 = 10.7 days!

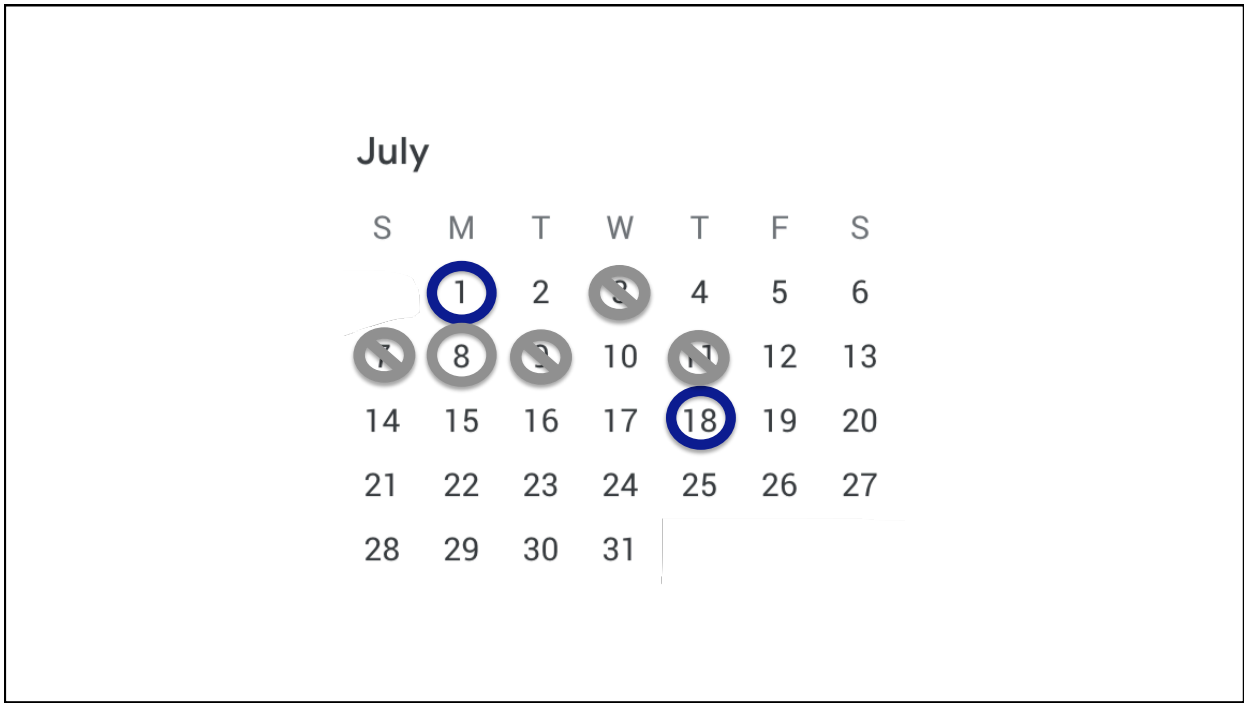
July

S	M	T	W	T	F	S
	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	26	27
28	29	30	31			

41 Hours

RAW MATH = 1.7 days
VELOCITY = 6.8 days
MAINTENANCE = 8.2 days
SCOPE CREEP = 10.7 days

DAYS OFF
- 4th of July = push back start by 1 week!



41 Hours

RAW MATH = 1.7 days
VELOCITY = 6.8 days
MAINTENANCE = 8.2 days
SCOPE CREEP = 10.7 days
DAYS OFF = 17.7 days

QUALITY ASSURANCE
- Must spend 1 day in each city on the route
- 6 cities = 6 days
- Total = 23.7 days!

July

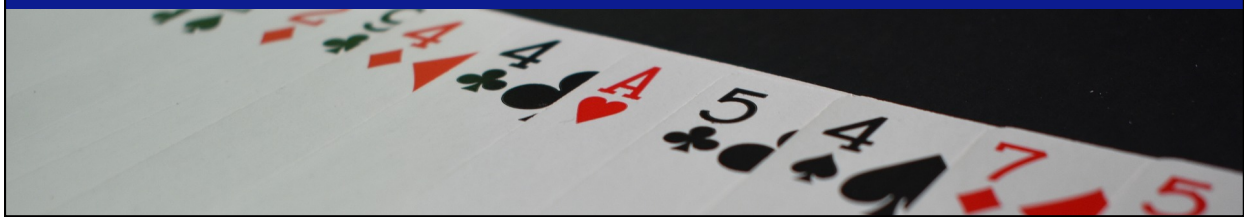
S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

PLAN FOR

1. HISTORICAL VELOCITY
2. MAINTENANCE
3. SCOPE CREEP
4. DAYS OFF
5. QUALITY ASSURACE

WHAT ARE WE DOING HERE?

PLANNING POKER:	GET REAL:	LIVE ESTIMATIONS:	NEXT STEPS:	BE SAASY:	THAT'S A WRAP:
What & Why	Examples from MT	Planning Poker in Action!	Roadmapping our Road Trip	Review of Online Tools	Q&A Time



planningpoker.com Plans FAQ Blog About Contact Log In Register

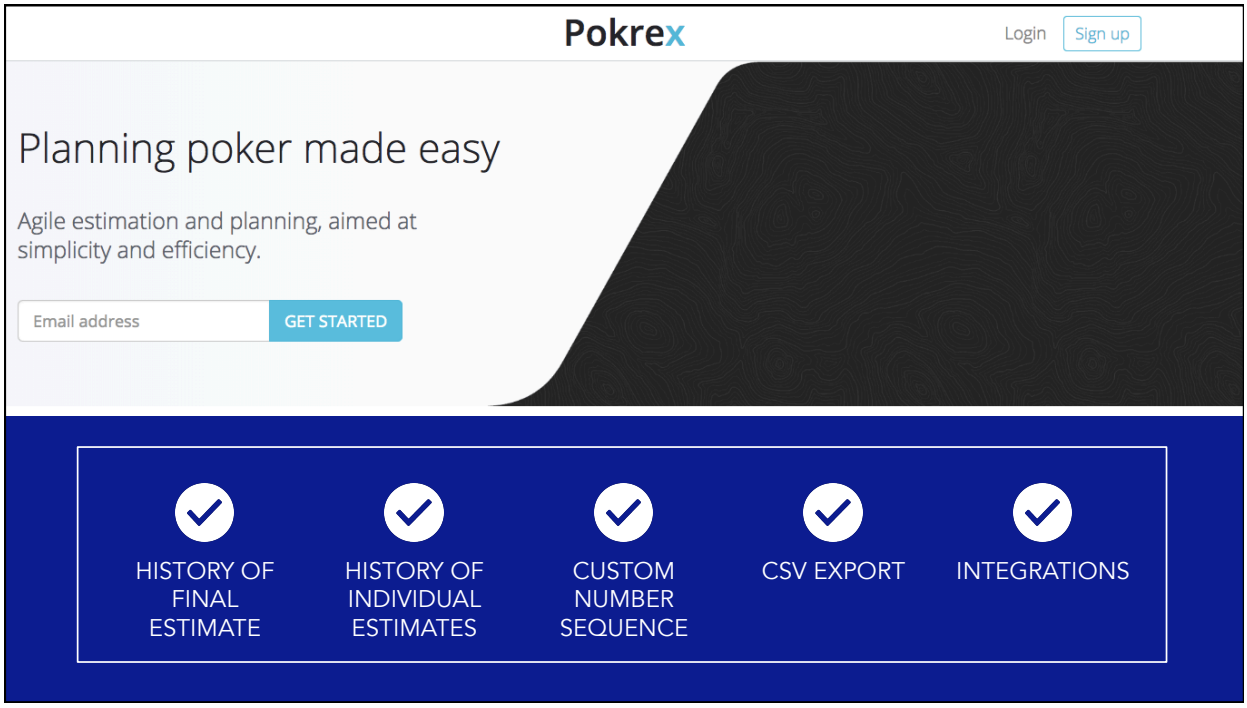
Sprints made **simple.**
Estimates made **easy.**

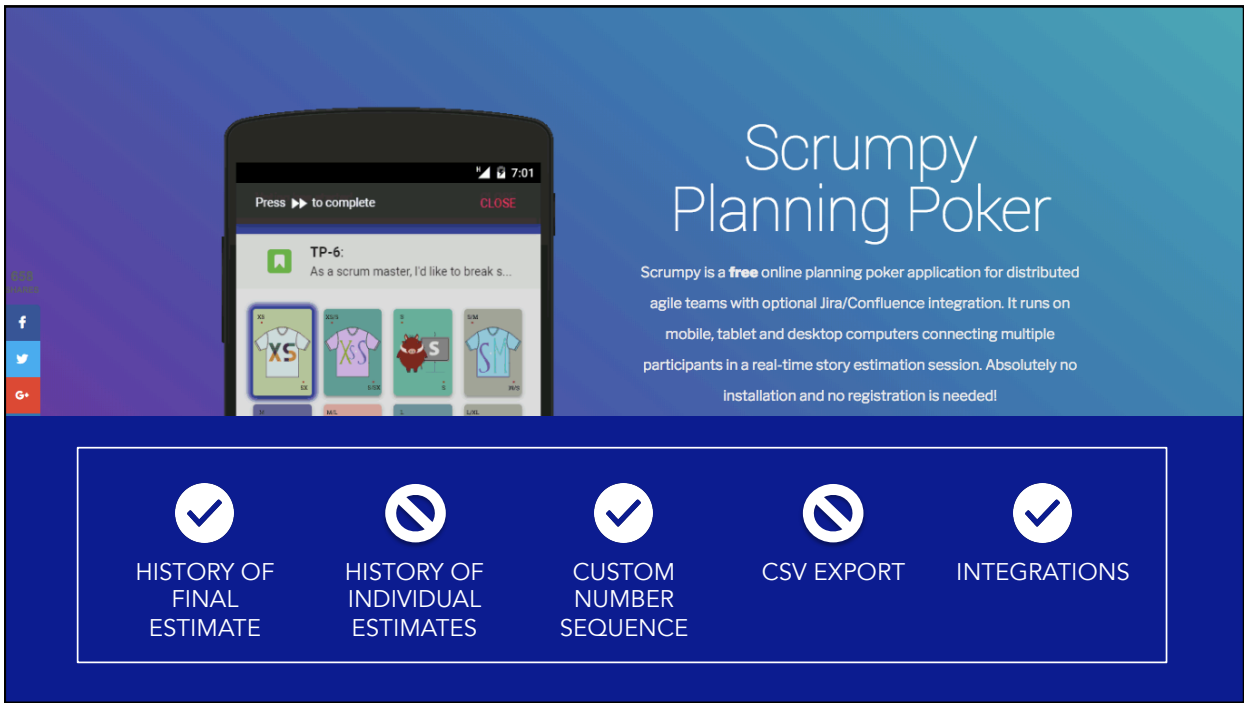
Planning Poker is the secure, fun way for agile teams to guide sprint planning and build accurate consensus estimates. Play free on desktop or mobile.

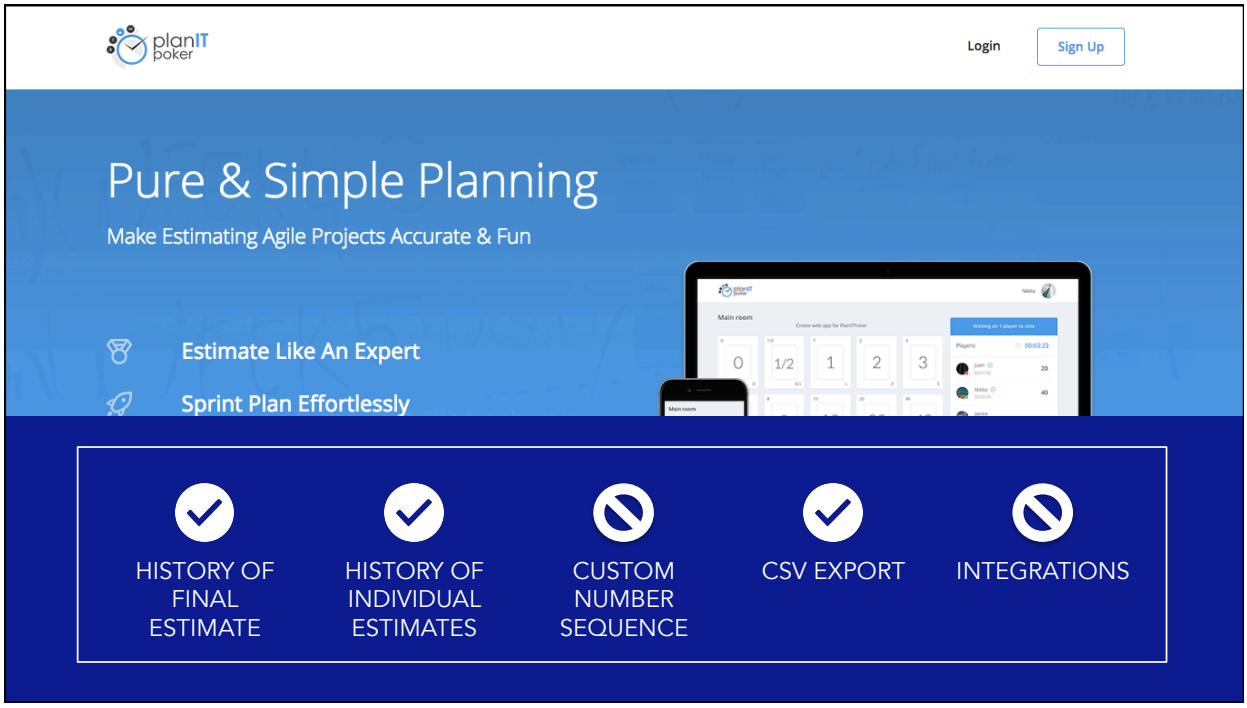
Start a Game

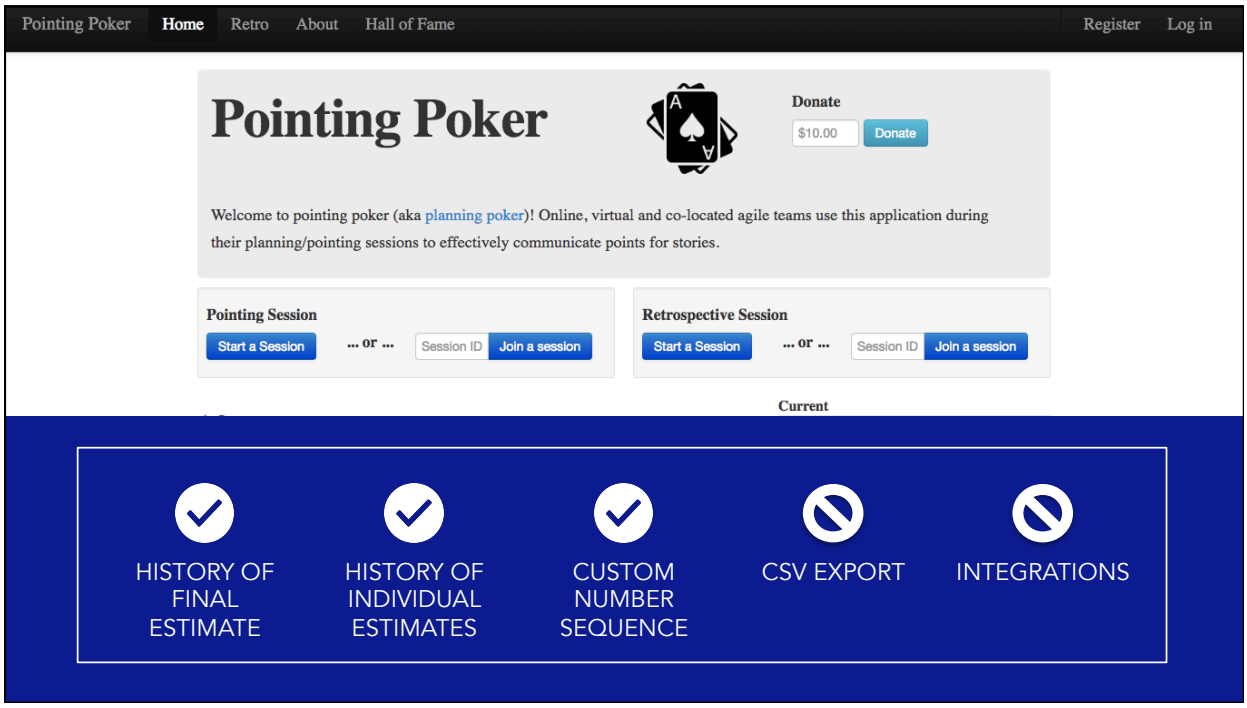
or upgrade your account >

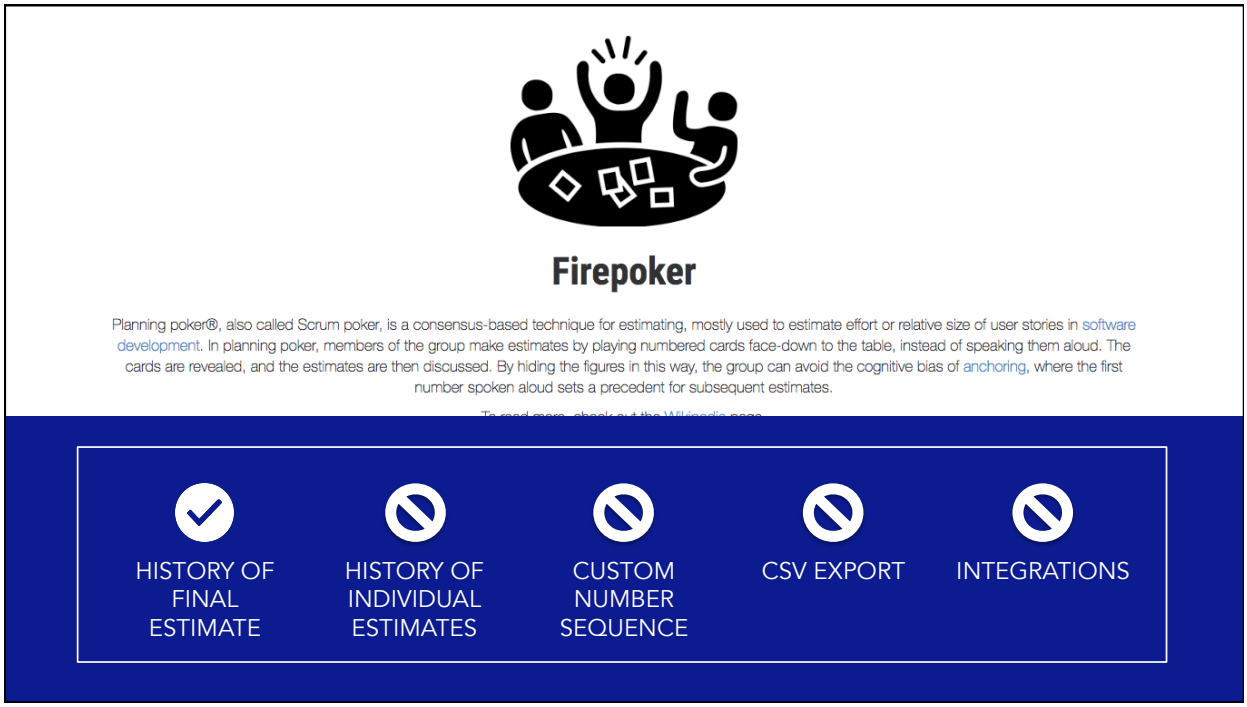
- HISTORY OF FINAL ESTIMATE
- HISTORY OF INDIVIDUAL ESTIMATES
- CUSTOM NUMBER SEQUENCE
- CSV EXPORT
- INTEGRATIONS

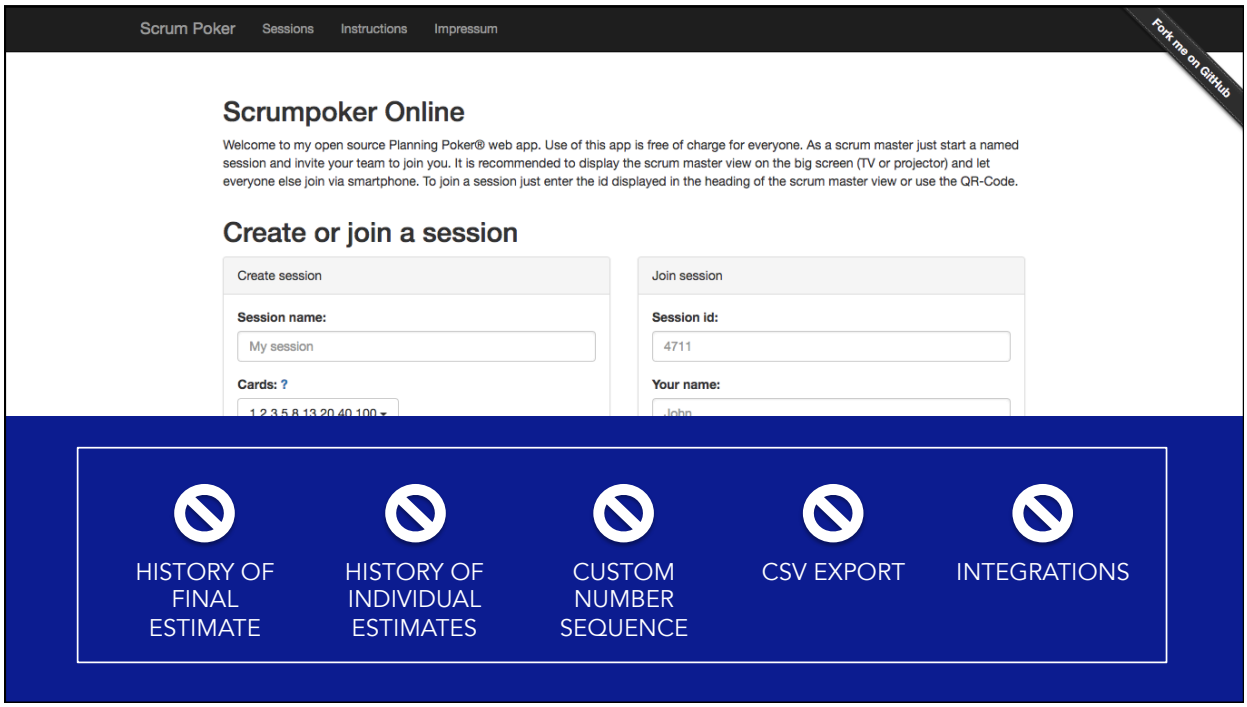

Pokrex
Login
Sign up
Planning poker made easy
Agile estimation and planning, aimed at simplicity and efficiency.
Email address
GET STARTED
HISTORY OF FINAL ESTIMATE
HISTORY OF INDIVIDUAL ESTIMATES
CUSTOM NUMBER SEQUENCE
CSV EXPORT
INTEGRATIONS


Press to complete
CLOSE
TP-6:
As a scrum master, I'd like to break s...
Scrumpy Planning Poker
Scrumpy is a free online planning poker application for distributed agile teams with optional Jira/Confluence integration. It runs on mobile, tablet and desktop computers connecting multiple participants in a real-time story estimation session. Absolutely no installation and no registration is needed!
HISTORY OF FINAL ESTIMATE
HISTORY OF INDIVIDUAL ESTIMATES
CUSTOM NUMBER SEQUENCE
CSV EXPORT
INTEGRATIONS


planIT poker
Login
Sign Up
Pure & Simple Planning
Make Estimating Agile Projects Accurate & Fun
Estimate Like An Expert
Sprint Plan Effortlessly
HISTORY OF FINAL ESTIMATE
HISTORY OF INDIVIDUAL ESTIMATES
CUSTOM NUMBER SEQUENCE
CSV EXPORT
INTEGRATIONS

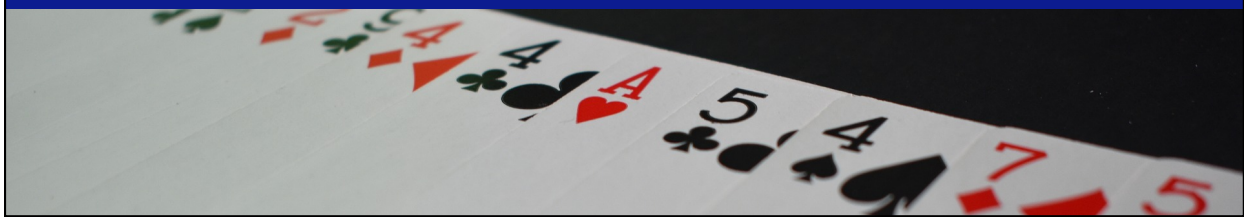

Pointing Poker
Home
Retro
About
Hall of Fame
Register
Log in
Pointing Poker
Donate
$10.00
Donate
Welcome to pointing poker (aka planning poker)! Online, virtual and co-located agile teams use this application during their planning/pointing sessions to effectively communicate points for stories.
Pointing Session
Start a Session
... or ...
Session ID
Join a session
Retrospective Session
Start a Session
... or ...
Session ID
Join a session
Current
HISTORY OF FINAL ESTIMATE
HISTORY OF INDIVIDUAL ESTIMATES
CUSTOM NUMBER SEQUENCE
CSV EXPORT
INTEGRATIONS


Firepoker
Planning poker®, also called Scrum poker, is a consensus-based technique for estimating, mostly used to estimate effort or relative size of user stories in software development. In planning poker, members of the group make estimates by playing numbered cards face-down to the table, instead of speaking them aloud. The cards are revealed, and the estimates are then discussed. By hiding the figures in this way, the group can avoid the cognitive bias of anchoring, where the first number spoken aloud sets a precedent for subsequent estimates.
HISTORY OF FINAL ESTIMATE
HISTORY OF INDIVIDUAL ESTIMATES
CUSTOM NUMBER SEQUENCE
CSV EXPORT
INTEGRATIONS


Scrum Poker
Sessions
Instructions
Impressum
Fork me on GitHub
Scrumpoker Online
Welcome to my open source Planning Poker® web app. Use of this app is free of charge for everyone. As a scrum master just start a named session and invite your team to join you. It is recommended to display the scrum master view on the big screen (TV or projector) and let everyone else join via smartphone. To join a session just enter the id displayed in the heading of the scrum master view or use the QR-Code.
Create or join a session
Create session
Session name:
My session
Cards: ?
Join session
Session id:
4711
Your name:
HISTORY OF FINAL ESTIMATE
HISTORY OF INDIVIDUAL ESTIMATES
CUSTOM NUMBER SEQUENCE
CSV EXPORT
INTEGRATIONS

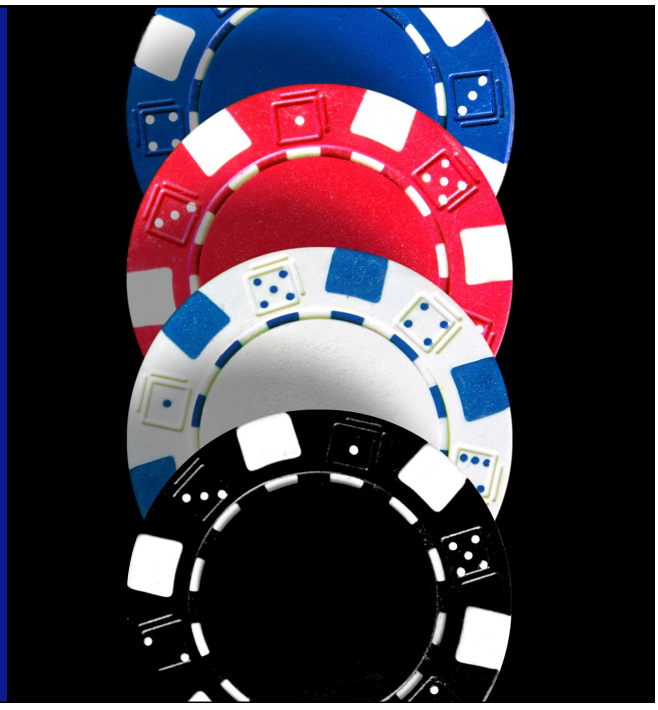
WHAT ARE WE DOING HERE?

PLANNING POKER:	GET REAL:	LIVE ESTIMATIONS:	NEXT STEPS:	BE SAASY:	THAT'S A WRAP:
What & Why	Examples from MT	Planning Poker in Action!	Roadmapping our Road Trip	Review of Online Tools	Q&A Time



THANK YOU!

GET YOUR POKER FACE ON:
HOW TO USE PLANNING POKER TO SLAY PROJECT ESTIMATIONS

LAURA B. JANUSEK
CHIEF PRODUCT OFFICER
MODERN TEACHER

@LBJANUSEK
#AgileDevOpsCon @TechWell