

Stayin' Alive!

Feature Disco Your Way to PI Planning



Em Campbell-Pretty

CEO & SAFe Fellow
Pretty Agile

Adrienne Wilson

VP of Operations & SPCT-Candidate
Pretty Agile

Feature Discovery
EXIT CRITERIA:

Prioritisation
EXIT CRITERIA:

PI Planning Days Backlog - Ranked Order
EXIT CRITERIA:

SM Ongoing Data Variations
SM Automated ON/POD
SM Automated Conventions

Does your ART have trouble building a backlog for PI Planning?

Ready to play
EXIT CRITERIA:

Define/Build/Test
EXIT CRITERIA:

User Acceptance Testing (UAT)
EXIT CRITERIA:

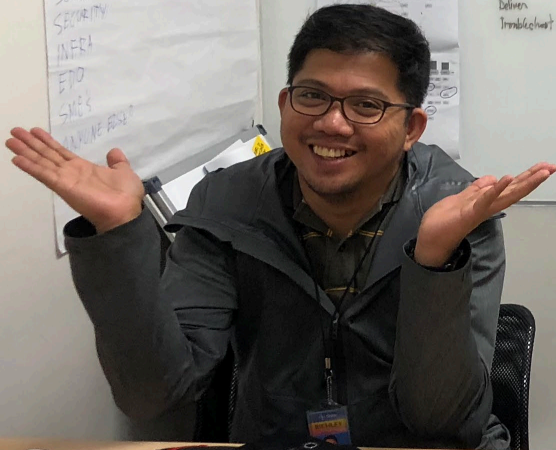
Ready for Technical Deployment
EXIT CRITERIA:

READY FOR UAT
IN UAT

Do the teams on your ART
complain that features
“lack information”?



Is your ART's Innovation & Planning Iteration all pre-planning and no innovation?



TEAM ANDER
VENDOR
LOCATION
SOAP
SECURITY
INFEET
ETD
SAGE'S
ONLINE FILE

Stop buy
Pay
Driver
Irregular

Broadband Channels
Field Sales
Stores
Online (shop)
Hotline

* SIS
Site/Channel
E-PA messenger
fiber

* 3rd party online es, Local
→ P.N.P.D

* Revenue QR codes
→ P.N.P.D

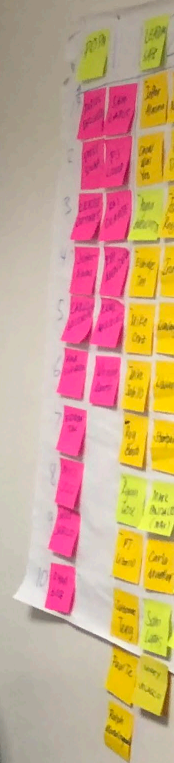
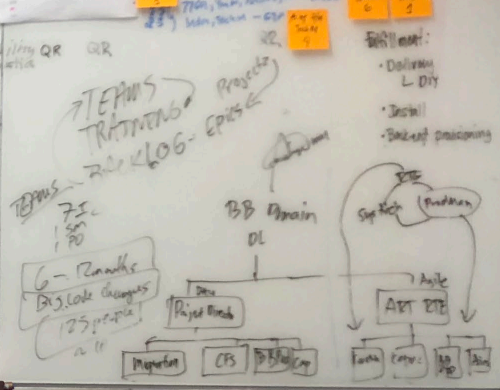
* sales Apps (Sales, Services, etc)
-Rep

Request → P.P.D.T
→ A.S.A

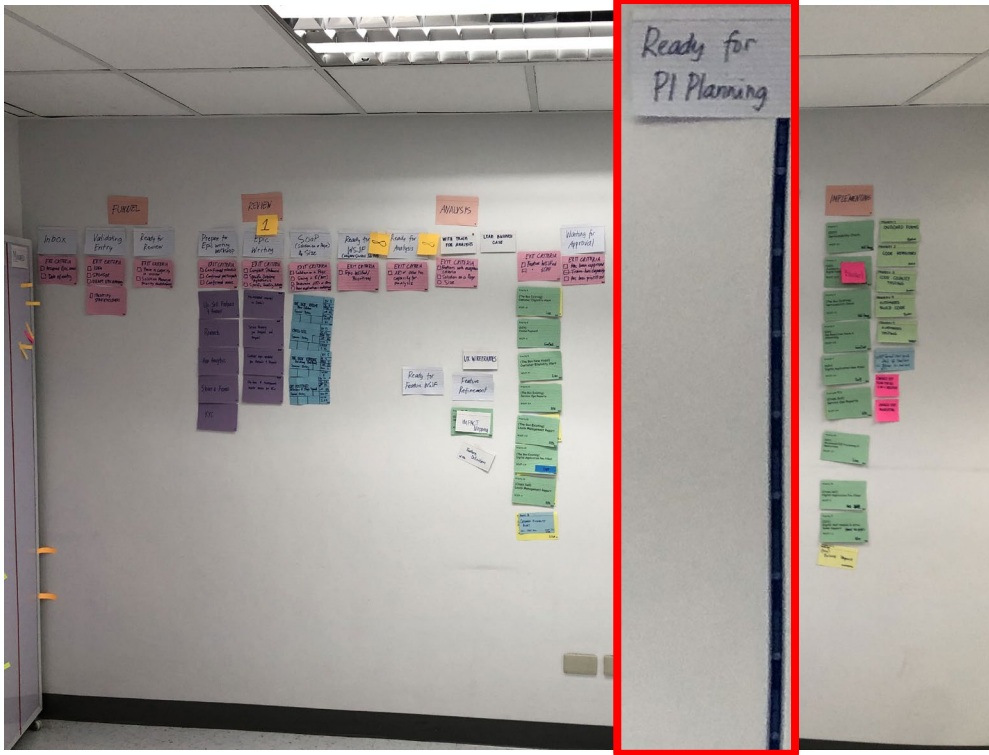
Channels:
3rd party online
App
Call
Retail
QR

S.V

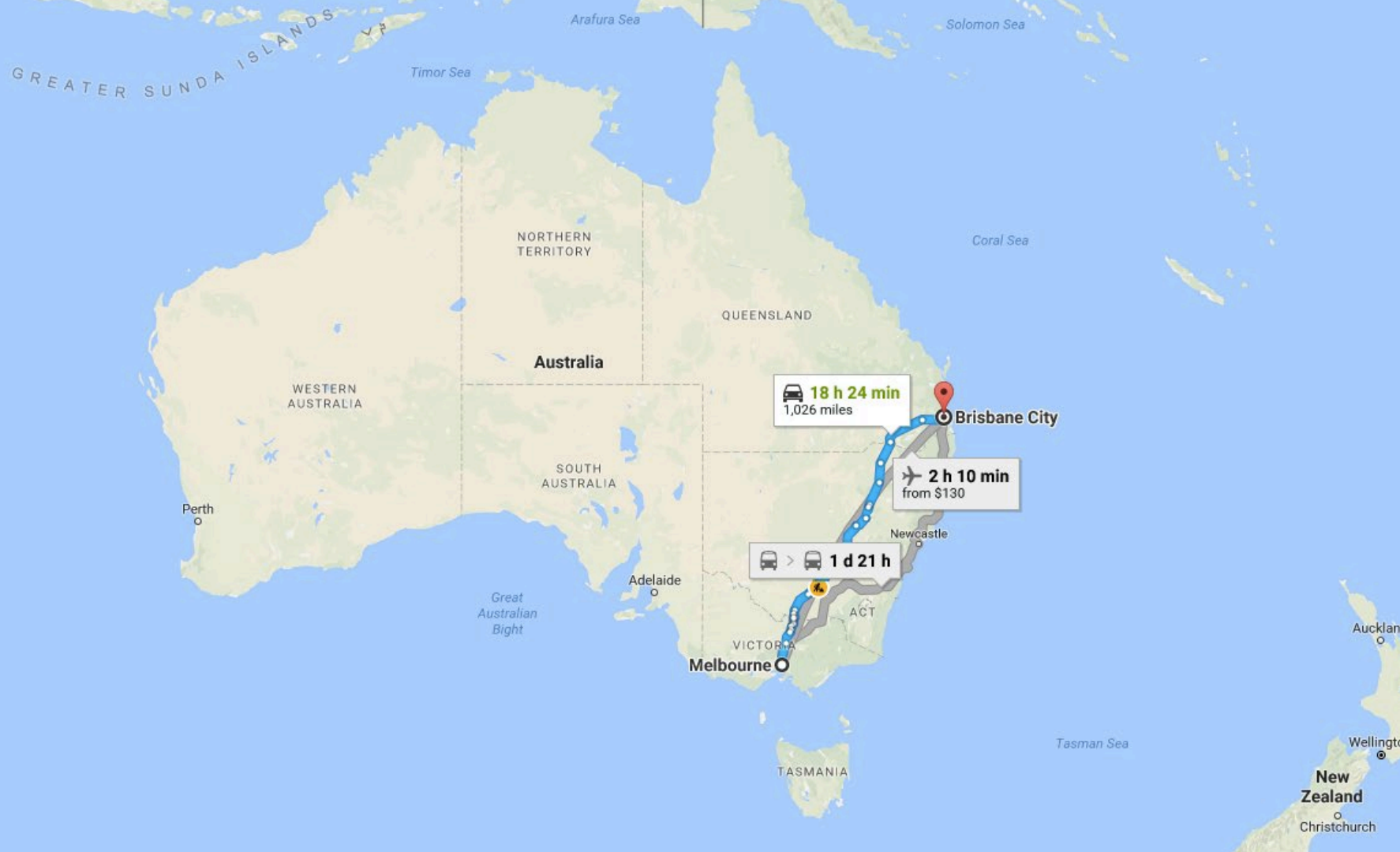
Request → P.P.D.T
→ A.S.A



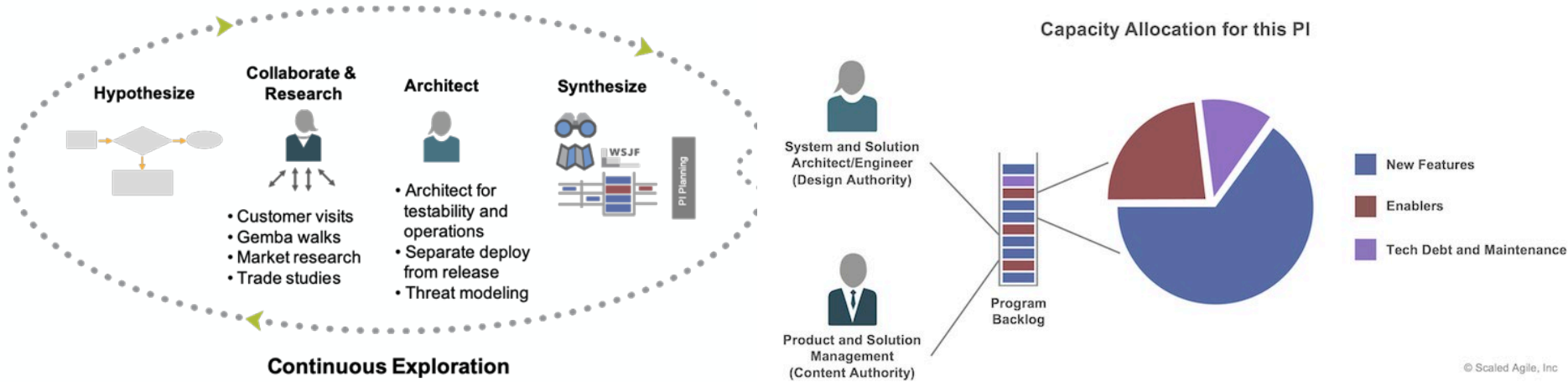




© Scaled Agile, Inc.



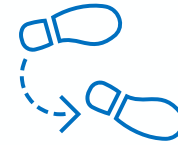
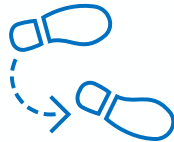
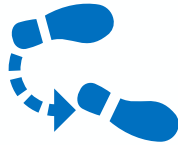
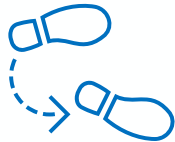
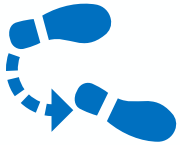
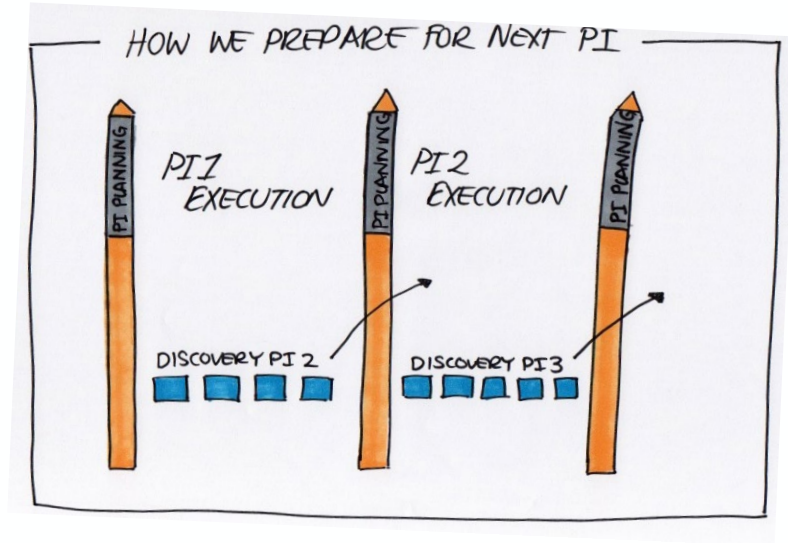




**Allocate % capacity to “Disco”
For every team, every iteration, every PI!**

WHAT IS "DISCO"?

"Disco" aka Discovery is a time-box that teams on the Agile Release Train use to learn about, refine and size Features likely to be prioritised for the next PI ahead of PI Planning.



The Rules of Disco

- No one can steal your disco time
 - Not your Product Owner
 - Not your Product Manager
 - Not another team
 - NO ONE!
- You must Disco during your Disco time!



How Do You Identify Features & Get Them To PI Planning?

EPIC

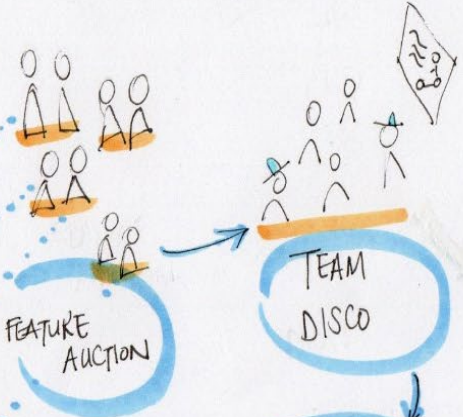
IMPACT MAPPING WORKSHOP

FEATURE

FEATURE

FEATURE

FEATURE



FEATURE REVIEW

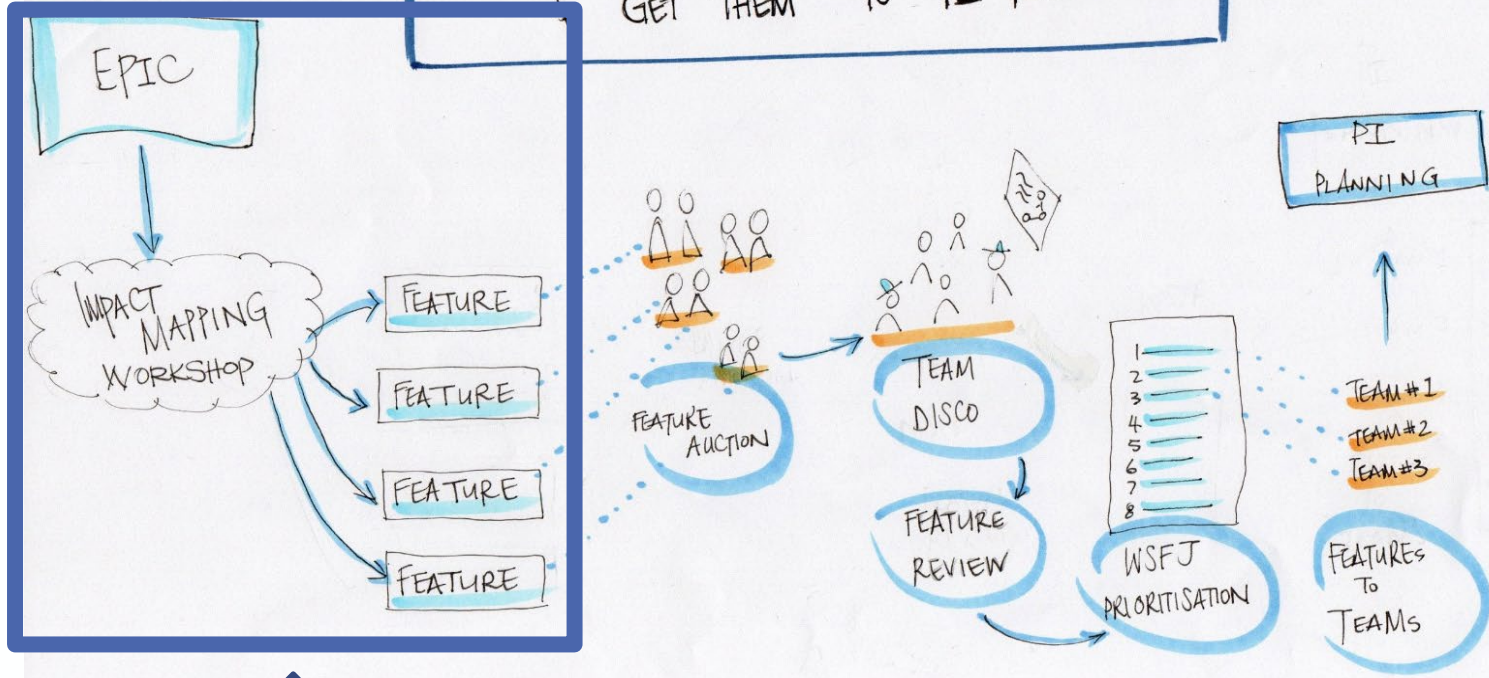


PI PLANNING

TEAM #1
TEAM #2
TEAM #3

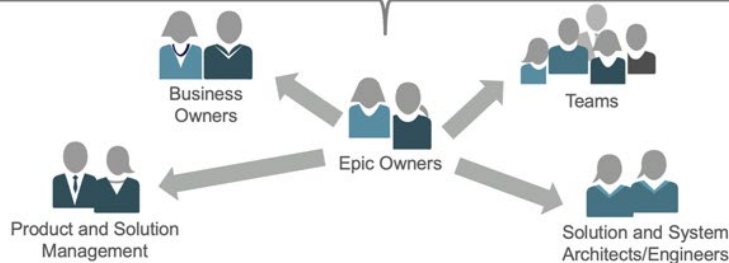
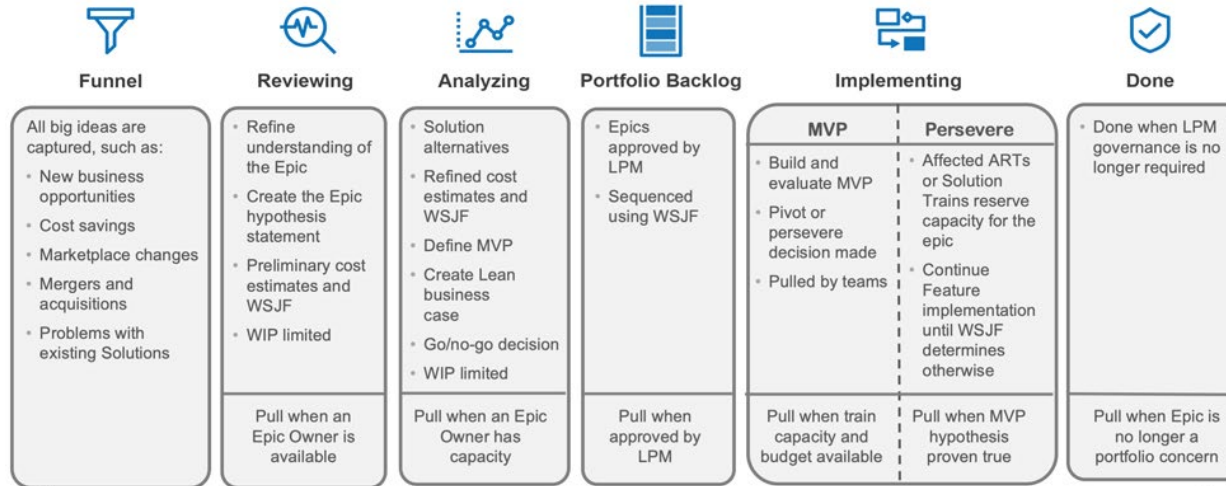
FEATURES TO TEAMS

How Do You Identify Features
GET THEM TO PI PLANNING?



You may not have epics but if you do...

EPICS FLOW THROUGH THE PORTFOLIO KANBAN...



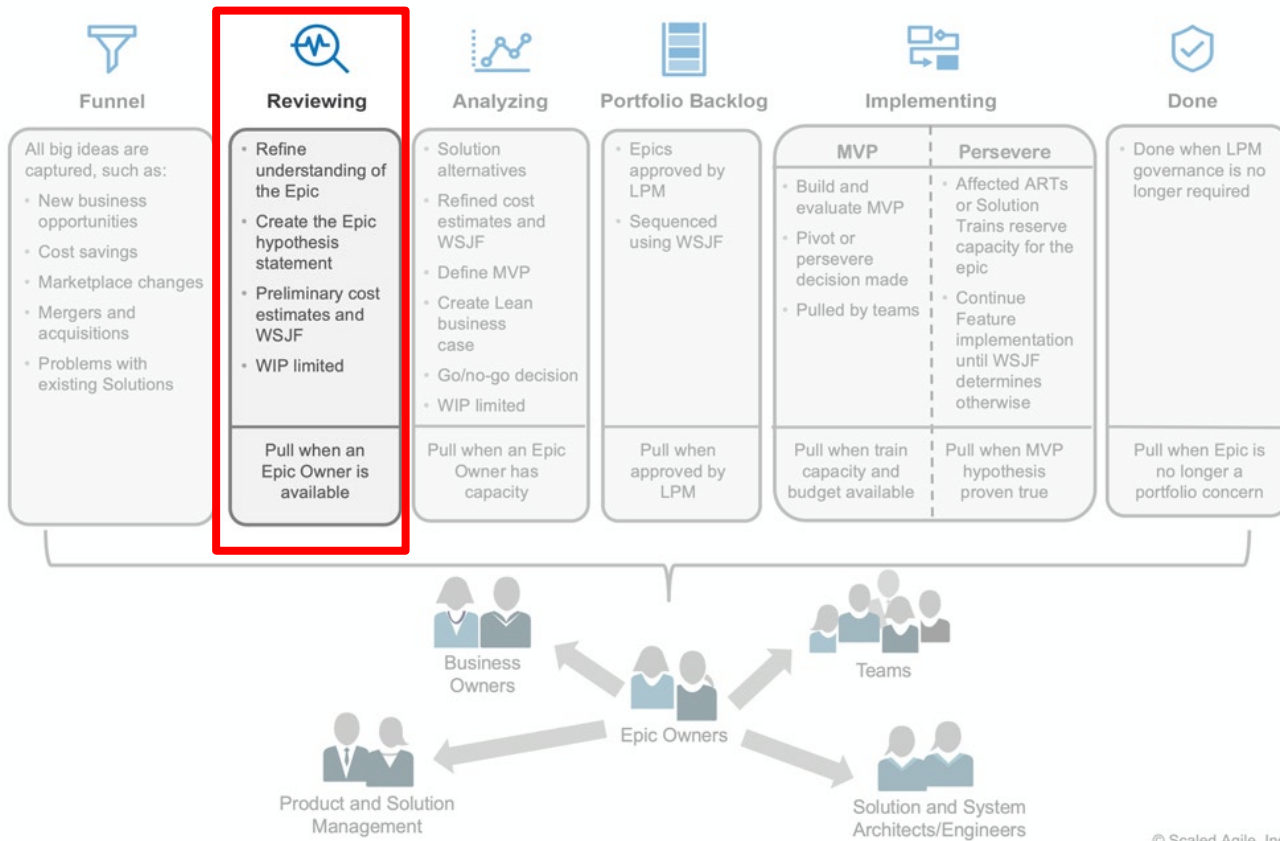
AIDED BY THE EPIC OWNER

© Scaled Agile, Inc.

WHO IS THE EPIC OWNER?

“Epic Owners are responsible for coordinating Epics through the Portfolio Kanban system. They collaboratively define the epic, its Minimum Viable Product (MVP), and Lean business case, and when approved, facilitate implementation.” © Scaled Agile, Inc.





© Scaled Agile, Inc.

PUT EPIC REVIEW WORKSHOPS ON CADENCE

Purpose: Shared understanding and alignment

When?



Weekly  Monthly

Who Attends?



- + POs
- + Tech Leads
- + SMEs etc.

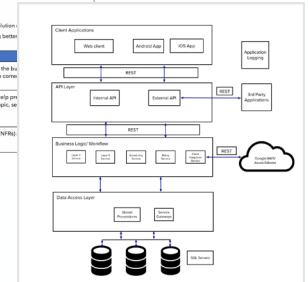
Process



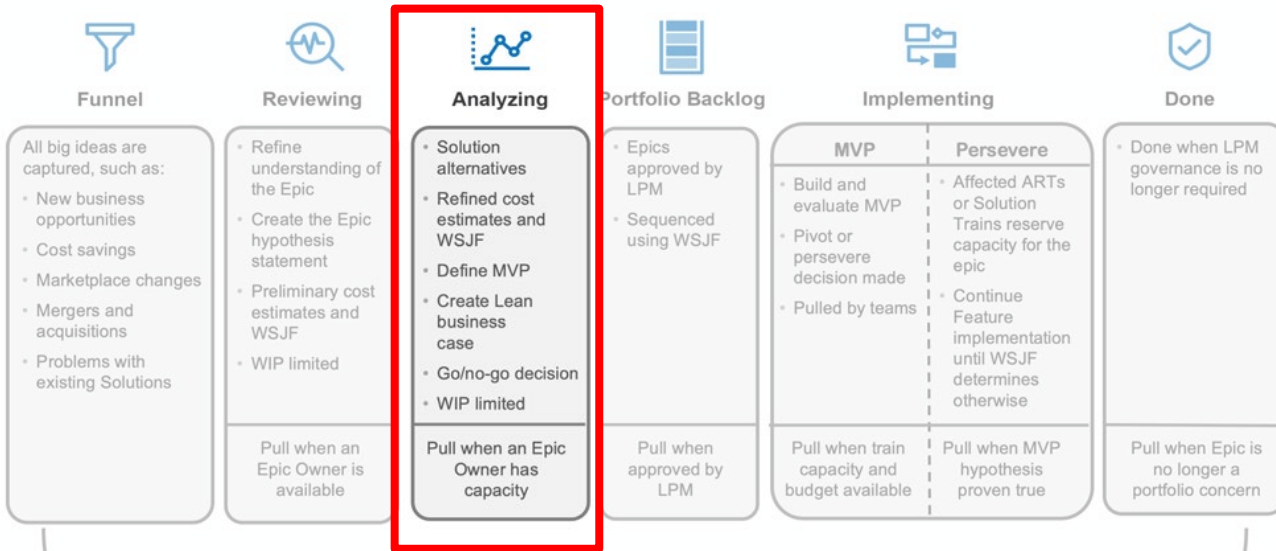
Collaborate in front of a whiteboard or equivalent

Outputs

Epic Hypothesis Statement	
Formal Entry Date:	<The date that the epic entered the formal.>
Epic Name:	<Adjust name for the epic.>
Epic Owner:	<The name of the epic owner.>
Epic Description:	<An elevator pitch (value statement) that describes the epic in a clear and concise way.>
For <customers>	
who <do something>	
to <achieve>	
the <outcome>	
that <provides the value>	
our <solution>	<competitive, current solution.>
reduces something better	
Business Outcomes:	<The measurable benefits that the business hypothesis is expected to deliver.>
Leading Indicators:	<The early measures that will help you determine if you are on the right track, see advanced logic article.>
Nonfunctional Requirements (NFRs):	<Nonfunctional requirements (NFRs).>



Epic Hypothesis Statement
High level solution on a page
High level estimate



Em Campbell-Pretty

CEO | SAFE Fellow | SPCT

@PrettyAgile

[linkedin.com/in/eicampbellpretty/](https://www.linkedin.com/in/eicampbellpretty/)

em@prettyagile.com



Adrienne Wilson

VP of Operations | SPCT Candidate

@AgileCannuck

[linkedin.com/in/adriennelwilson](https://www.linkedin.com/in/adriennelwilson)

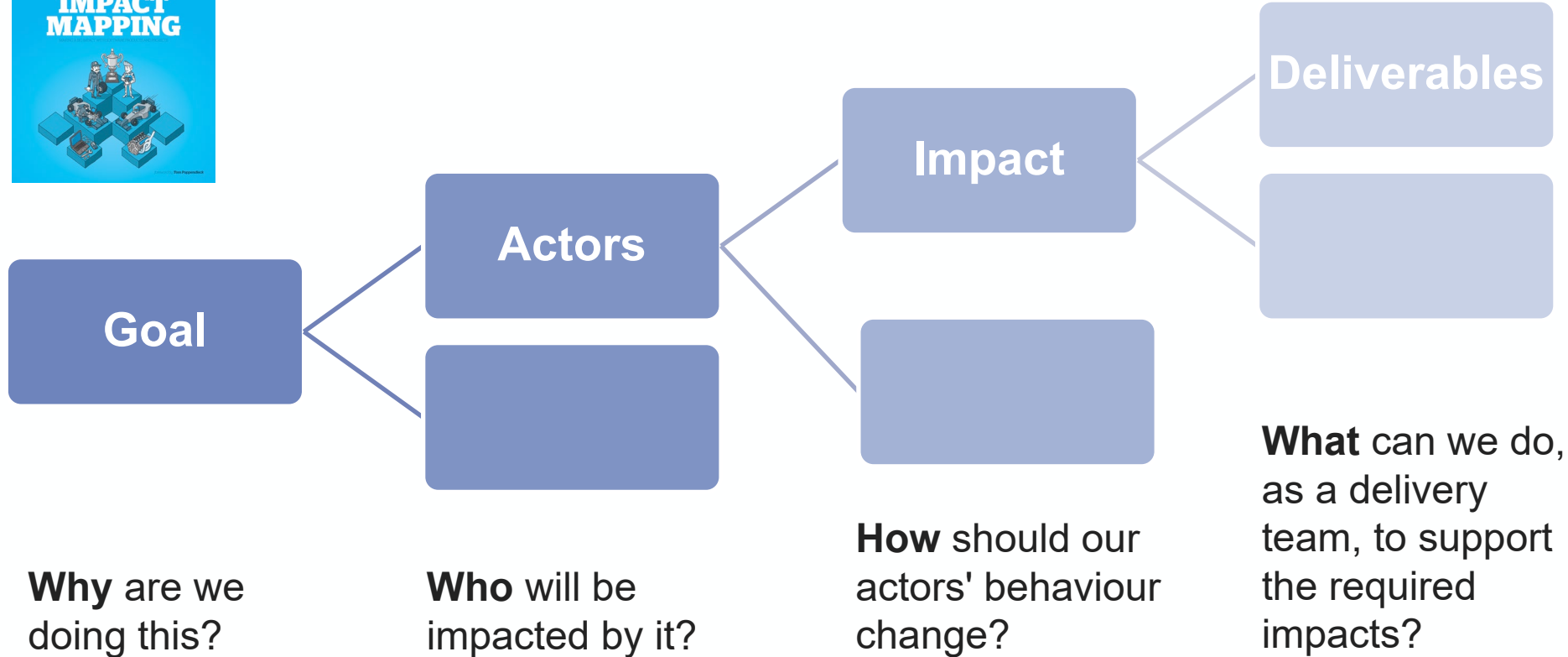
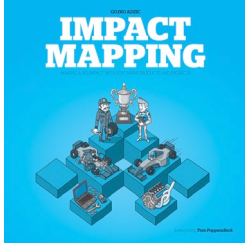
adrienne@prettyagile.com

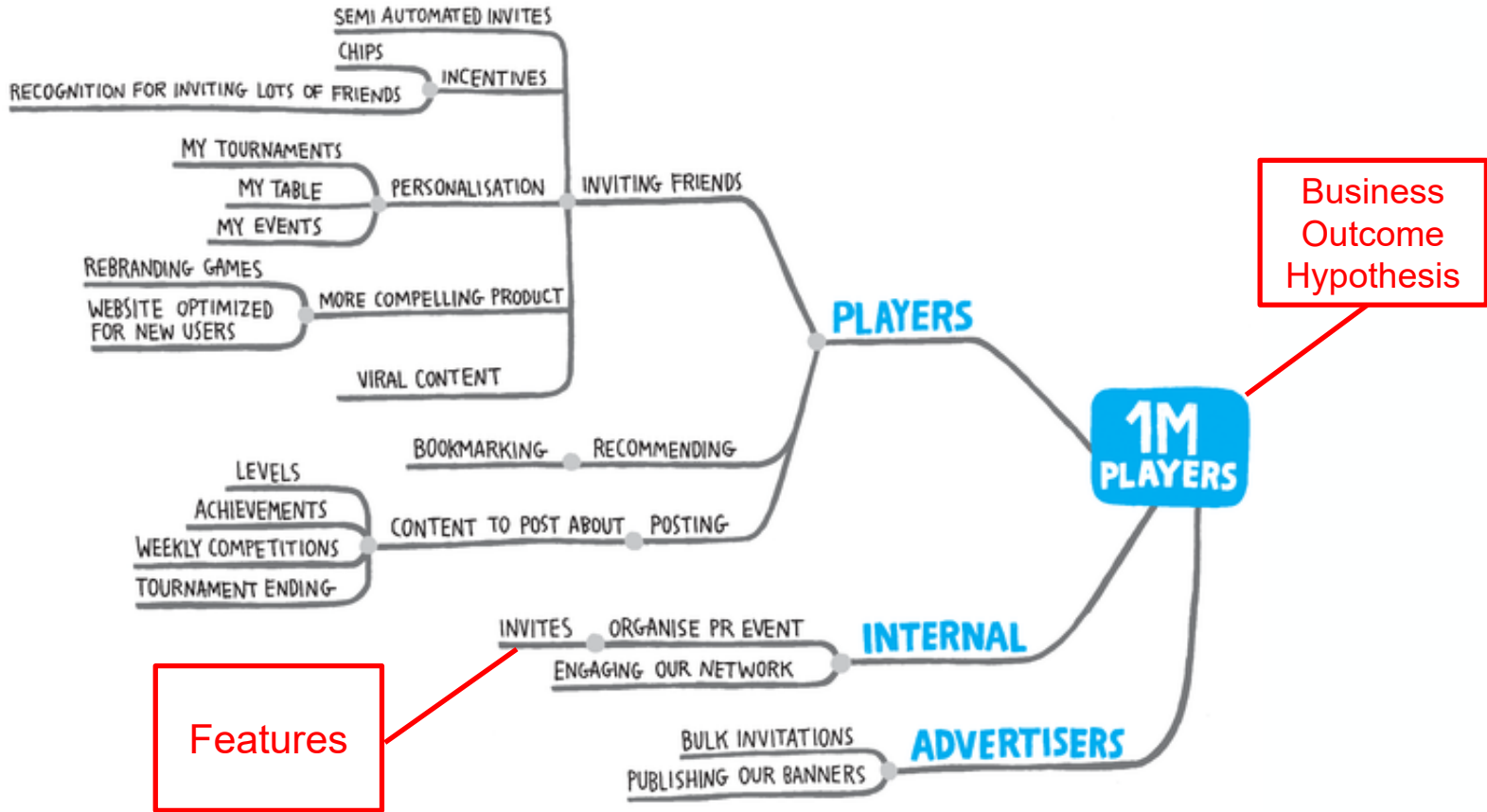
Epic Disco!

© Scaled Agile, Inc.

www.prettyagile.com

USE IMPACT MAPPING TO BREAK DOWN EPICS INTO FEATURES





CHOOSE YOUR DISCO AT THE FEATURE AUCTION

Product Management/System Architect pitches features in priority order

Teams "bid" for features they would like

If we get stuck, pause and move to next feature

Teams take 1 feature each

Rinse & repeat until each team is at capacity



HOW DO WE FEATURE DISCO?



Purpose: To discuss and align understanding as a team; ultimately completing a feature definition which meets the definition of ready for wsjf.



- Agile Team(s)
- Product Management
- System Architect(s)
- Subject Matter Experts



2 hours initial session
+ follow up sessions
(as needed)



***Let's
Dance!***

WHAT ARE THE DANCE STEPS?



Step 1: Product Management & System Architect(s) explain the feature & the business problem it aims to solve



Step 3: Identify and take actions to resolve any outstanding big questions/concerns/arch guidance

Step 2: The team asks clarify questions & whiteboards the updated solution on a page. Be sure to clarify and capturing feature boundaries



Step 4: Estimate the work in points

Step 5: Complete the feature definition template together



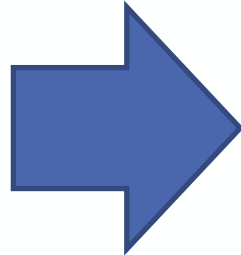
If you get stuck, work out what information you need and who can get it to continue

EVOLVE A FEATURE DEFINITION TEMPLATE FROM YOUR FEATURE DOD

DEFINITION OF READY FOR PRIORISATION

- * As a ROLE, I want DELIVERABLE,
So that IMPACT (CHANGE IN BEHAVIOUR)
- * Acceptance Criteria
Given [CONTEXT/PRE-CONDITION]
When [ACTION/TRIGGER]
Then [OUTCOME/RESULT]
- * Assumptions * Wireframes
↳ Questions * Solution on a page
- * Dependencies - External to ART
- * Dependencies - on other Epics or Features
- * Does this meet I.N.V.E.S.T
 - Independent
 - Negotiable
 - Valuable
 - Estimable
 - Small (2-8 weeks)
 - Testable
- * SMEs
- * NFRs
- * How do we measure the feature?

MEASURE



prettyagile

EPIC (if applicable):	
FEATURE NAME:	
Feature Type:	Business / Enabler
Feature Owner: <small>The business person who defines and accepts the feature. Usually the PM!</small>	
Subject Matter Expert(s): <small>People who should be involved in conversations about defining this feature as they can provide additional context.</small>	
Feature Description: <small>Is the feature: - all or nothing - a user - functionality - an API - capability - value added for benefit/hypothesis.</small>	
ACCEPTANCE CRITERIA: <small>Is the feature: - done in an incremental condition - when something happens - there are explicit user objectives</small>	
Solution on a page: <small>Insert pictures. Collaborate with Architect where solution is unclear</small>	
Systems impacted: <small>List all per solution/question above</small>	
Wireframes <small>Insert images</small>	
Assumptions:	
Dependencies external to the ART	

"Feature Template" by Pretty Agile Pty Ltd is licensed under a Creative Commons Attribution-ShareAlike 4.0 International License. To view a copy of this license, visit <https://creativecommons.org/licenses/by-sa/4.0/>

prettyagile

Dependencies on other Epics or Features	
Out of scope/exclusions	
NFRs <small>Only list items specific to this feature not all your NFRs.</small>	
Size <small>If larger than a PI for a single team, split feature.</small>	
Meets I.N.V.E.S.T	Yes/No (If No reconsider options)
Notes:	

Inputs to Cost of Delay/prioritisation:

Describe the User/Business value	•
Describe the Time criticality	•
Describe the Risk reduction/opportunity enablement	•

"Feature Template" by Pretty Agile Pty Ltd is licensed under a Creative Commons Attribution-ShareAlike 4.0 International License. To view a copy of this license, visit <https://creativecommons.org/licenses/by-sa/4.0/>

AFTER PARTY AKA FEATURE DISCO REVIEW



Purpose: To build shared understanding of the feature across the ART and subsequent “acceptance” of the Feature Disco by the ART



Who?

- Agile Teams
- RTE
- Product Management
- System Architect(s)



When?

Iteration Review, or
System Demo or
separate Disco Review
meeting on cadence

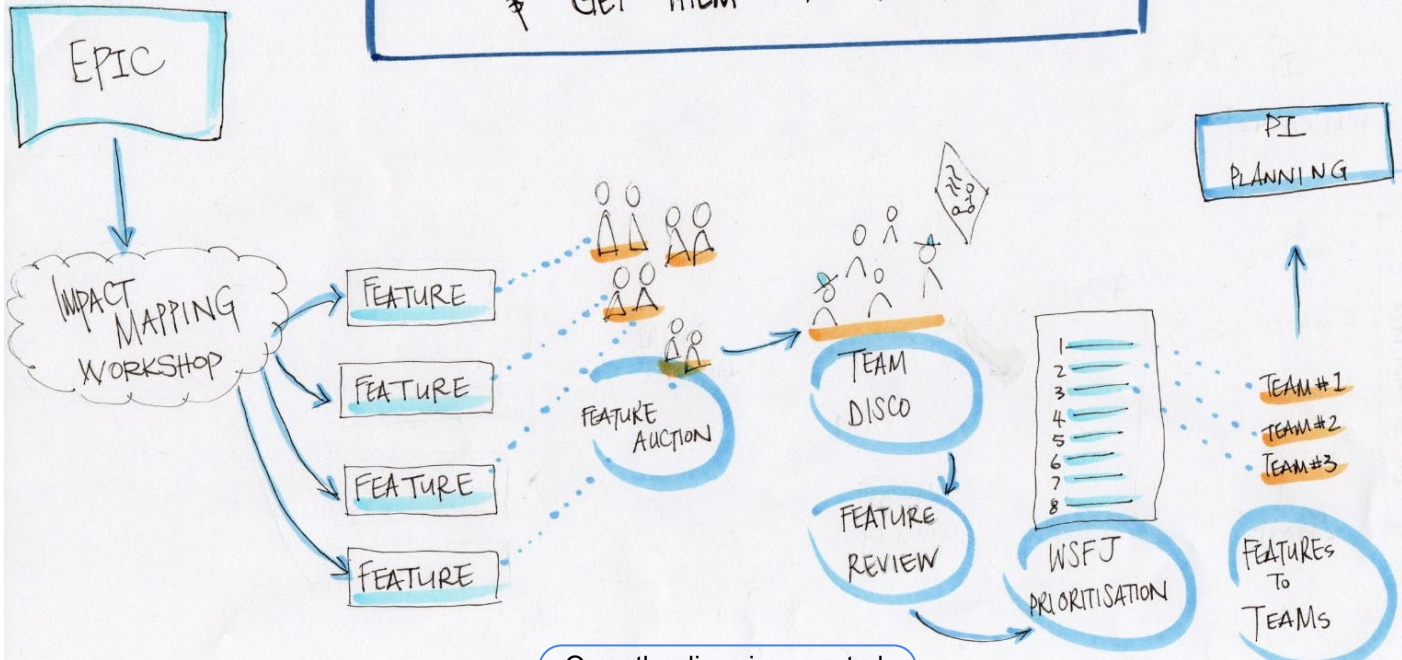


What?

Feature Definition and
Solution on a Page

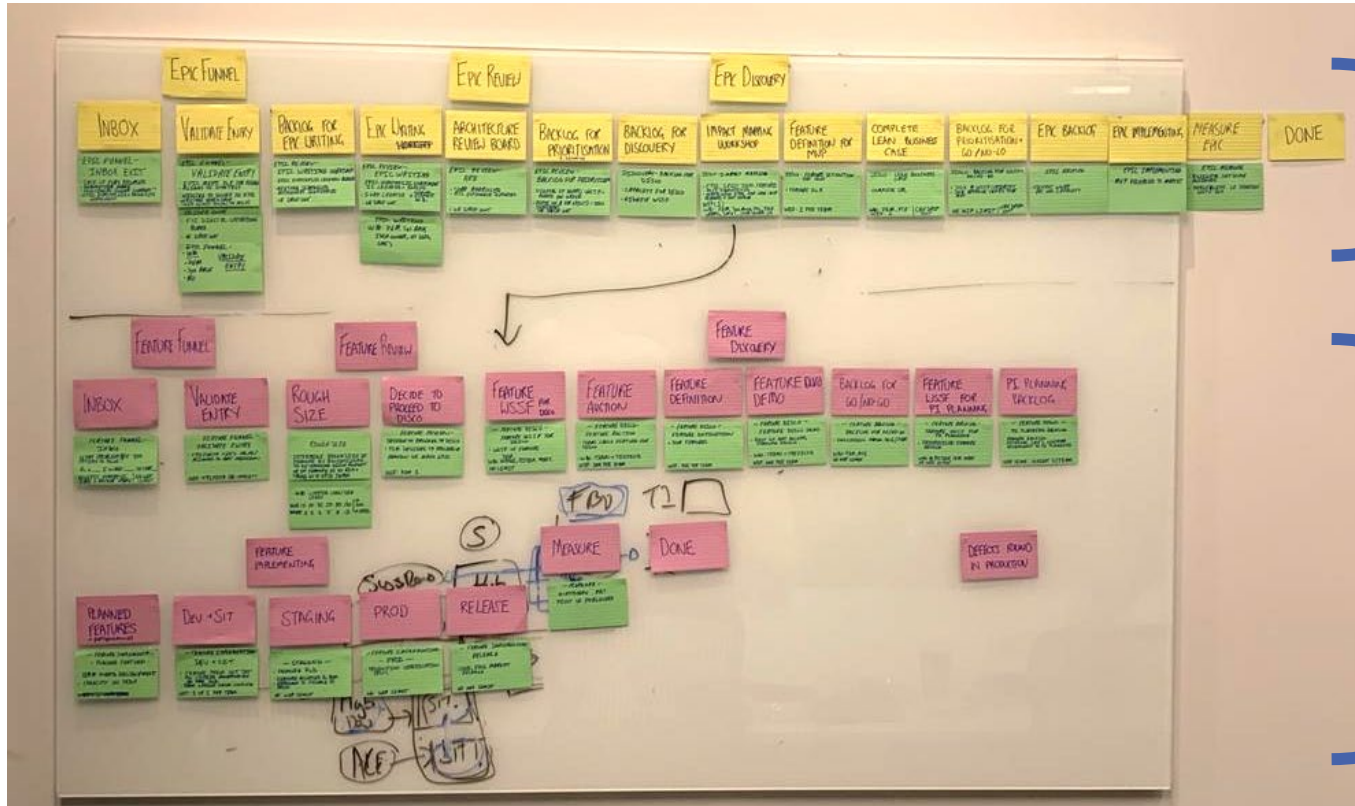


How Do You Identify Features & Get Them To PI Planning?



Once the disco is accepted by the Trifecta and the ART Features will sit in a wait state until WSJF.

BUILD THE SYSTEM TO MAKE DISCO HAPPEN!

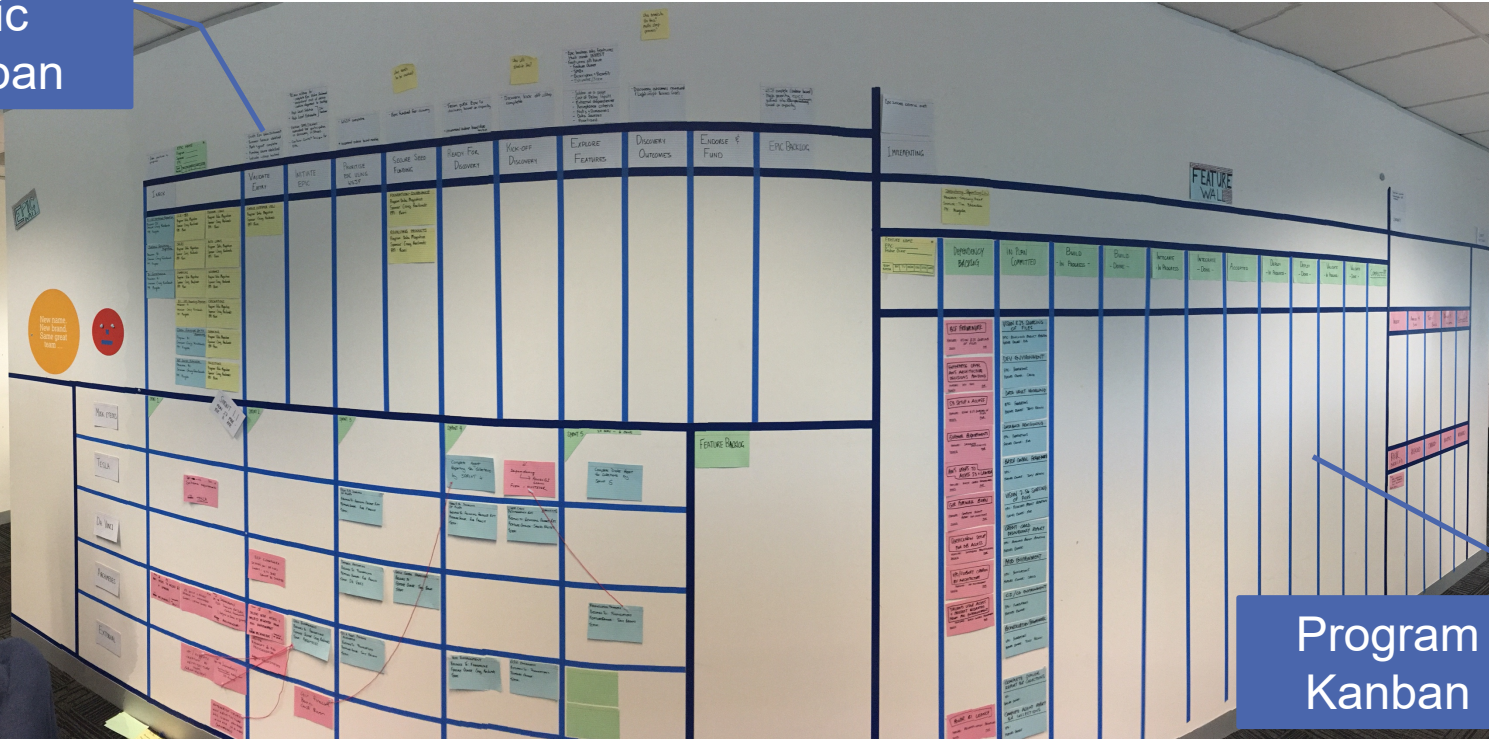


Epic Kanban

Feature Kanban

AND OPERATIONALISE IT ON A BIG WALL

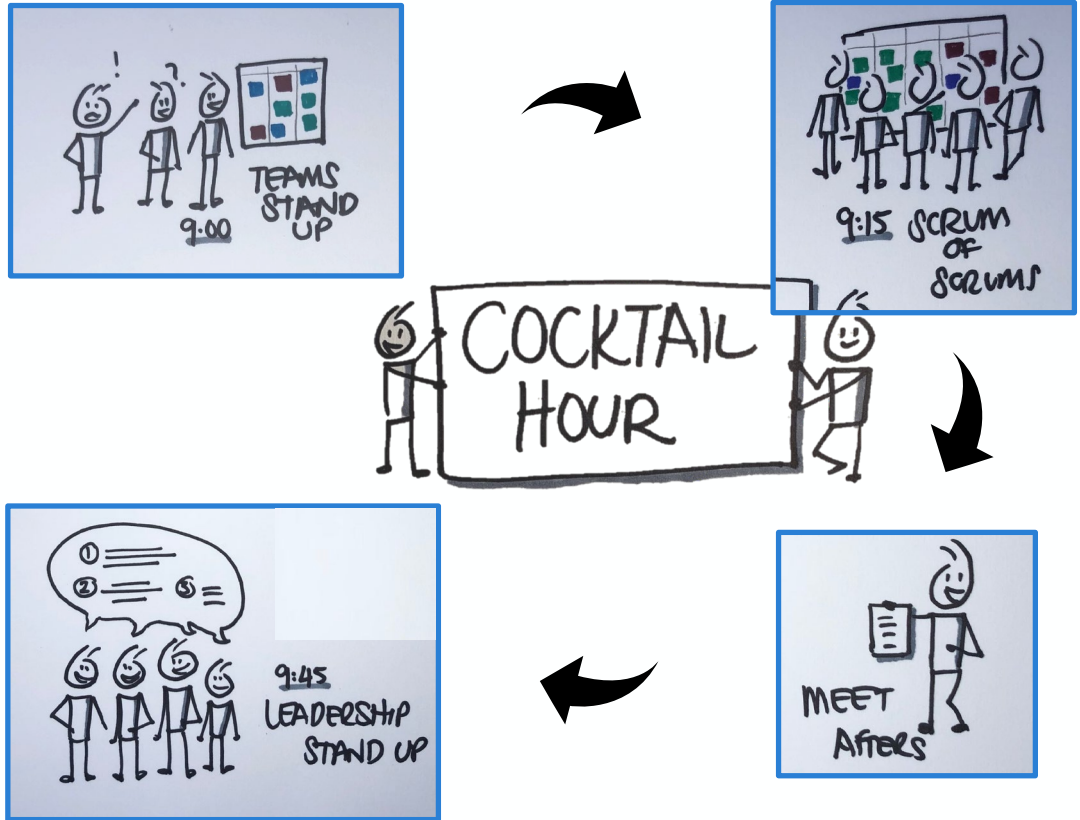
Epic
Kanban



Program
Kanban

“If you walk into this project on any day before 10:15am, it will feel like walking into a cocktail party! People are everywhere, standing in small groups and communicating.”

*-Henrik Kniberg,
Lean from the Trenches*



Want to know more? Check out: <http://bit.ly/DailyCocktailHour>

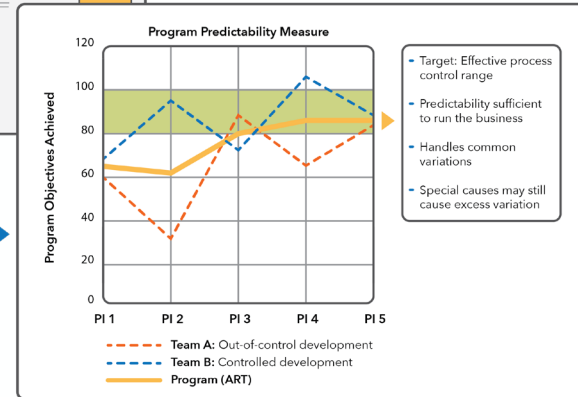
FOLLOWING THE DISCO STEPS IMPROVES PROGRAM PREDICATBILITY



Team PI Performance Reports

Objectives for PI 3	Business Value	
	Plan	Actual
- Structured locations and validation of locations	7	7
- Build and demonstrate a proof of concept for context images	8	8
- Implement negative triangulation by: tags, companies and people	8	6
- Speed up indexing by 50%	10	5
- Index 1.2 billion more web pages	10	8
- Extract and build URL abstracts	7	7
== Uncommitted Objectives ==		
- Fuzzy search by full name		
- Improve tag quality to 80% relevance		
Totals		
% Achievement: 90%		

Program Predictability Measure



© Scaled Agile, Inc.

Discipline and dance go hand in hand; students who understand discipline are usually the most successful dancers. ~Rhee Gold

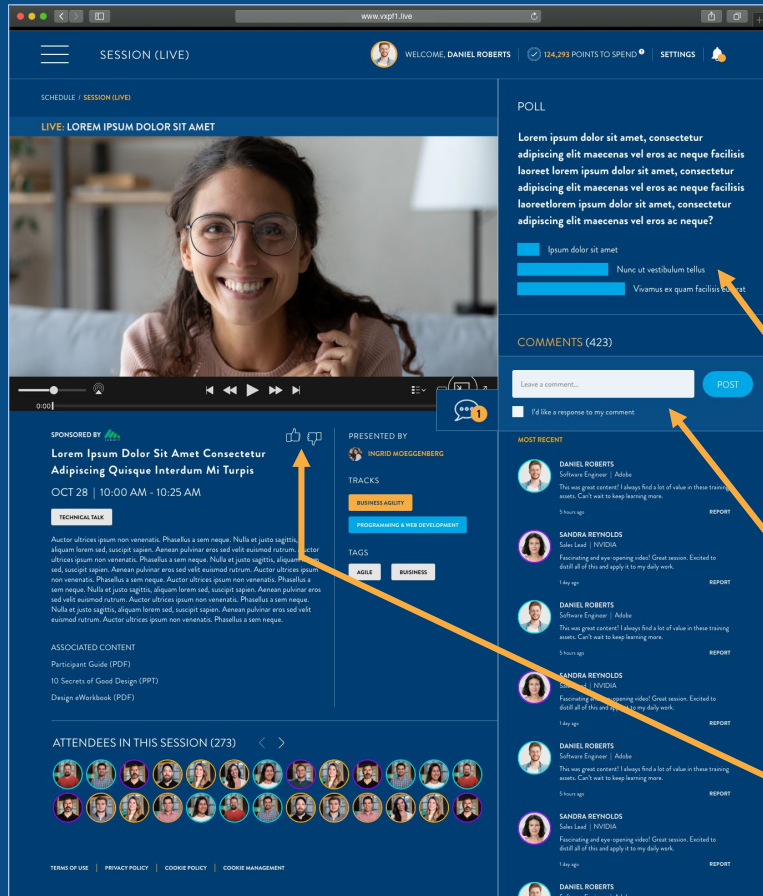
“Everybody needs a little more
disco in their life.”

(stating the obvious)

Join me at the Meet the Speaker Session!



Please refer to the agenda for scheduled times



Participate in polling, post comments, and rate sessions

1

Polling

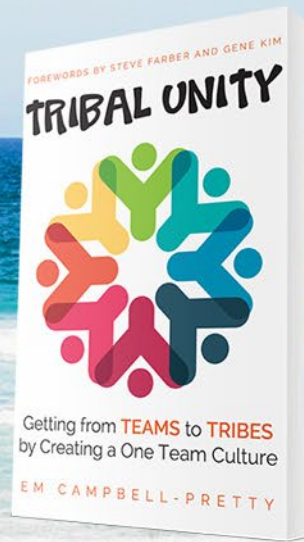
2

Comment

3

Thumbs up or down

AVAILABLE NOW ON
amazon & **iBooks**



Em Campbell-Pretty

CEO | SAFe Fellow | SPCT

 @PrettyAgile

 [linkedin.com/in/ejcampbellpretty/](https://www.linkedin.com/in/ejcampbellpretty/)

 em@prettyagile.com

Adrienne Wilson

VP of Operations | SPCT Candidate

 @AgileCanuck

 [linkedin.com/in/adriennelwilson](https://www.linkedin.com/in/adriennelwilson)

 adrienne@prettyagile.com

www.prettyagile.com

Thank you!