Stories About User St☺ries

Sachin Dhaygude, PMP, PRINCE2-Practitioner, PMI-ACP, CSM, CSP
Email: sachin@scrumfusion.com, sdhaygude@gmail.com
Website: www.scrumfusion.com
Contact: +91 98900 59989

Agenda

- Some gyan about user stories (30 mins)

- Different Ways To Break User stories (15 mins)

- Apply It - Case study (60 mins)

    - Backlog

    - INVEST stories

    - Story Mapping

- Buffer / Q & A (~15 mins)

Is This A User Story? ☺

12

Break It...Get More Stories ☺

- Export
- Print
- Refresh
- Filters
- Pagination, sorting
- Types of data, etc etc...☺

13

BUT THEN...WHY STORIES?

Stories get their name from how we use them, not how we write them.

Courtesy: Jeff Patton & Associates   **Copyright © 2014 Sachin Dhaygude**

Remember These...?

- Business people and developers must <u>work together</u>

- Our highest priority is to satisfy customer through <u>early</u> and <u>continuous</u> delivery of <u>valuable</u> software

- <u>Welcome</u> changing requirements, even <u>late</u> in development

Stories have a simple lifecycle

Card

Conversation

Confirmation
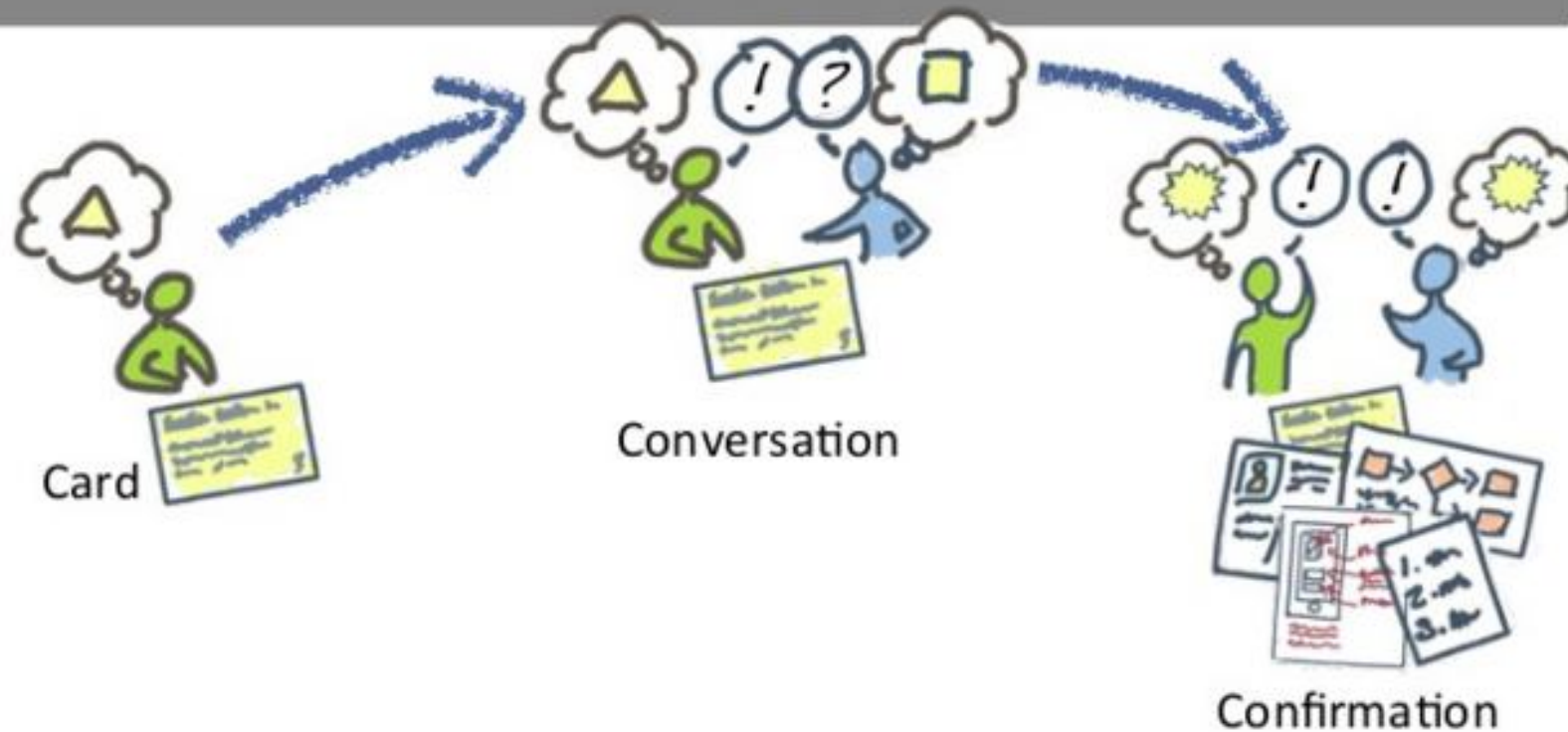
* Ron Jeffries coined the 3 C's in
Extreme Programming Installed

Courtesy: Jeff Patton & Associates

Means To Facilitate Conversation

Courtesy: Jeff Patton & Associates   **Copyright © 2014 Sachin Dhaygude**
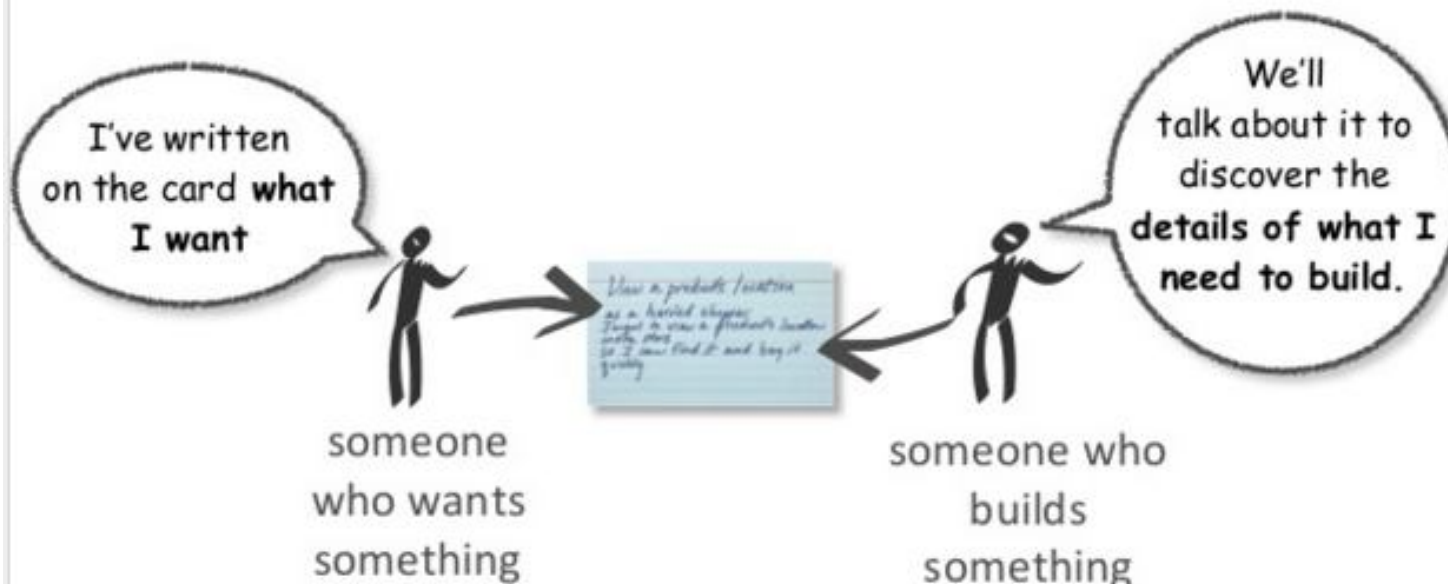
But, we still managed
to screw that up

Courtesy: Jeff Patton & Associates   **Copyright © 2014 Sachin Dhaygude**

Courtesy: Jeff Patton & Associates   **Copyright © 2014 Sachin Dhaygude**

With a shallow discussion, we may all take away something different

I'm glad we all agree.

Courtesy: Jeff Patton & Associates   **Copyright © 2014 Sachin Dhaygude**
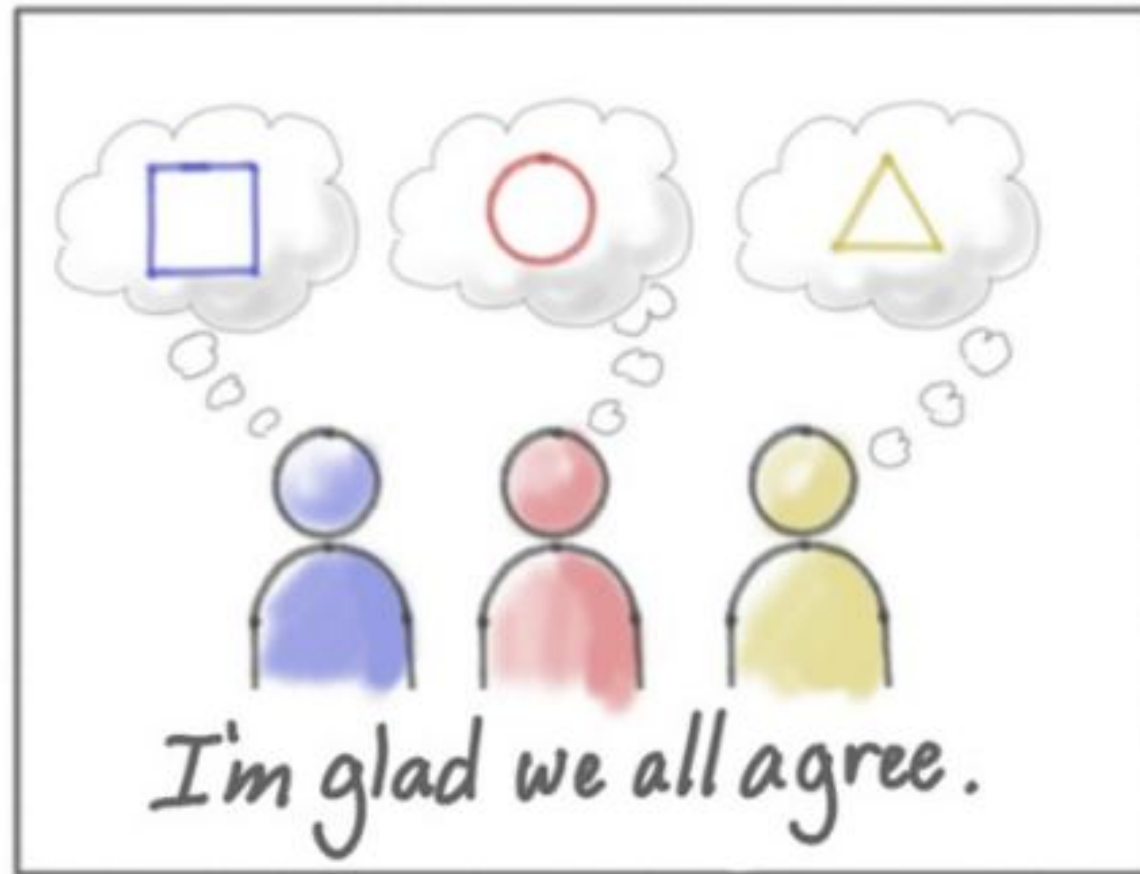
When we **externalize our thinking** with words and pictures, we detect differences

oh...

Courtesy: Jeff Patton & Associates   **Copyright © 2014 Sachin Dhaygude**

When we combine and refine, we arrive at something better

ah ha!

Courtesy: Jeff Patton & Associates   **Copyright © 2014 Sachin Dhaygude**

Very Recent Example….
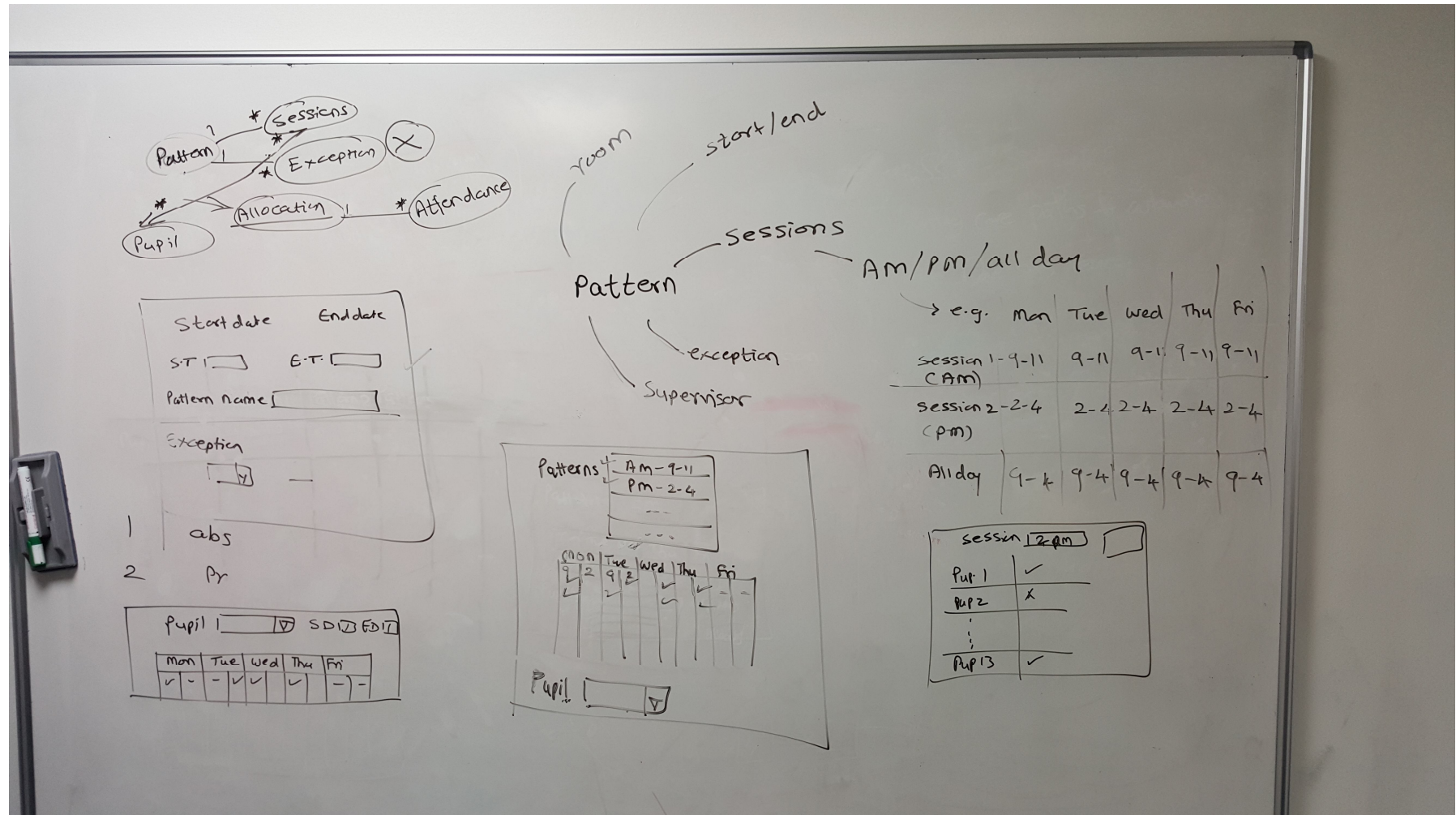
Afterwards, when we say the same thing, we actually mean it
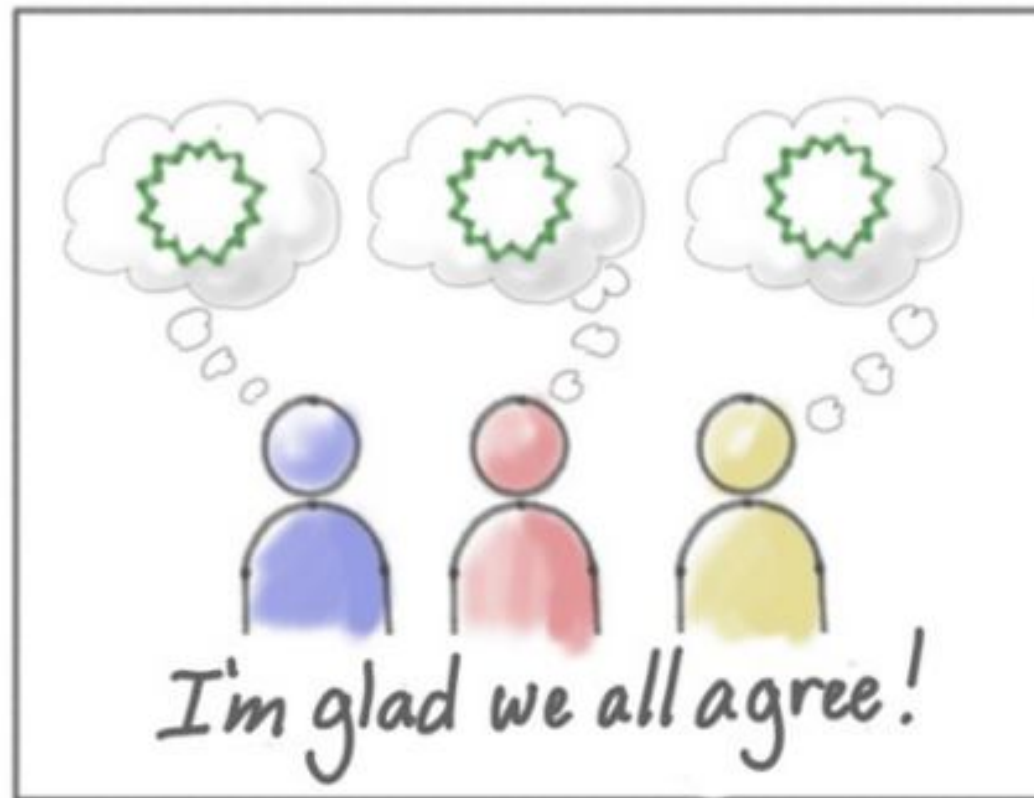
I'm glad we all agree!

Courtesy: Jeff Patton & Associates **Copyright © 2014 Sachin Dhaygude**

Courtesy: Jeff Patton & Associates   **Copyright © 2014 Sachin Dhaygude**
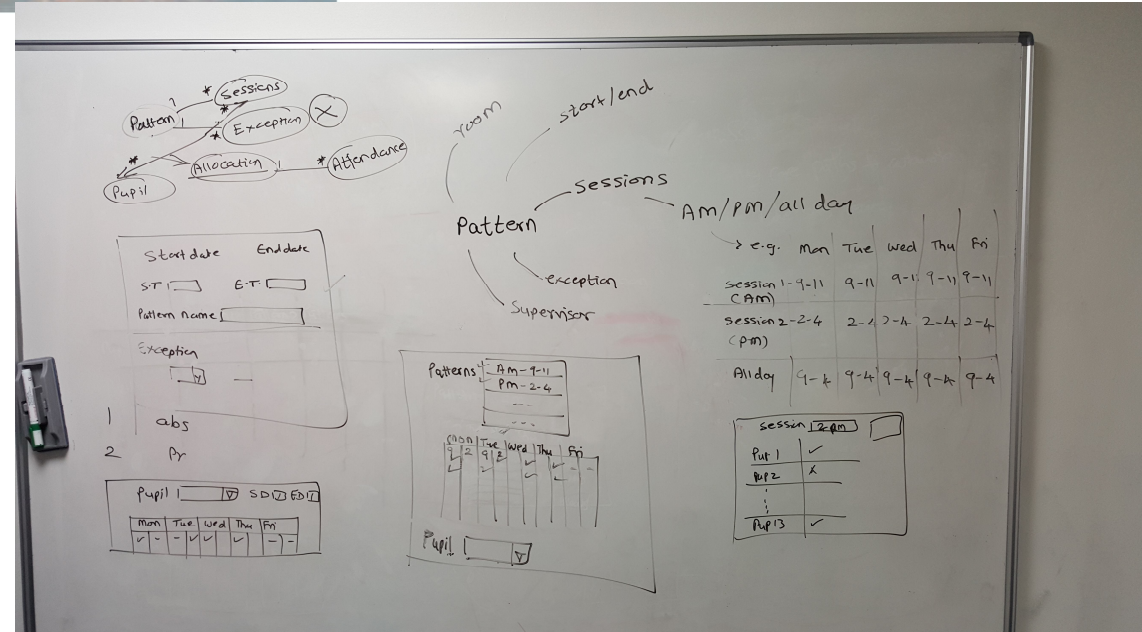
Rachel and her team at Connextra created a clever conversation starter

Courtesy: Jeff Patton & Associates   **Copyright © 2014 Sachin Dhaygude**

Talk about the outcome, not just the output

output — we build this
outcome — we want this

Courtesy: Jeff Patton & Associates

Outcome vs Output: Example...

Less Is More ☺
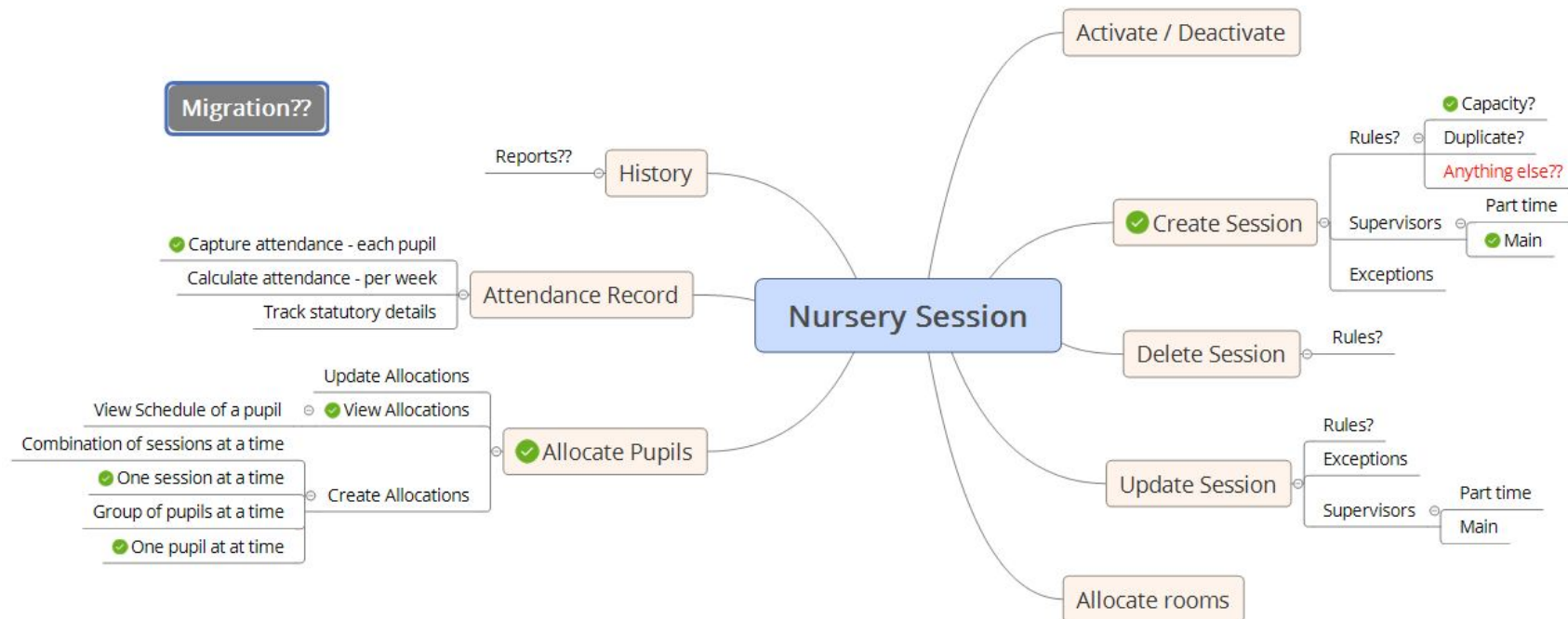
Courtesy: Jeff Patton & Associates   **Copyright © 2014 Sachin Dhaygude**
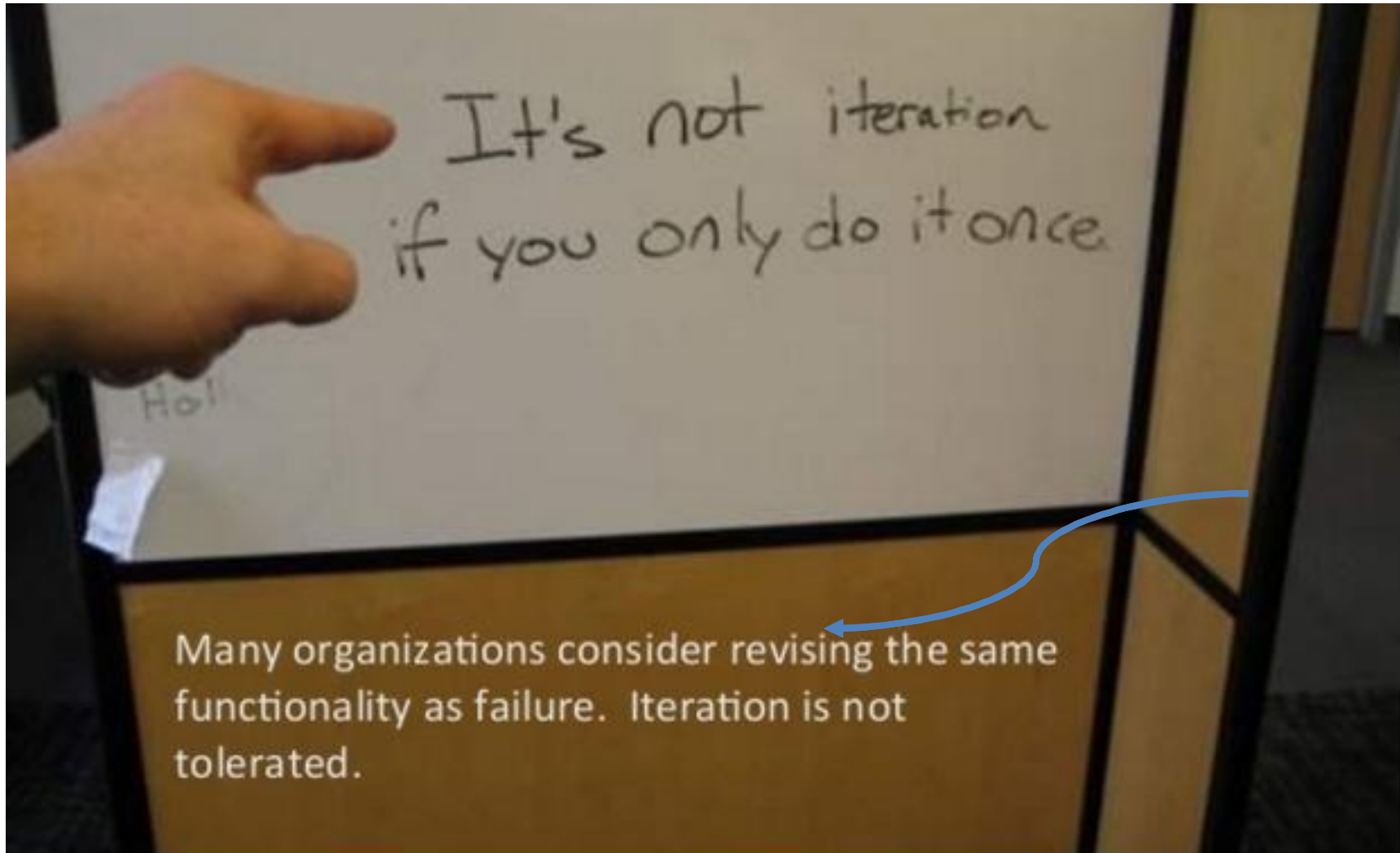
Consider these four story splitting heuristics that build up quality

Bare Necessity

For the feature to be minimally demonstrable – but not releasable, what is the minimal functionality

Example: A form with only necessary fields and no validation

Capability & Flexibility

What would add the ability to perform the user task in different ways? Adding in sub tasks that are optionally performed?

Example: a form with optional fields, date lookup tools, input translation on dates

* Adapted from Gerard Meszaros' "Storyotypes"

Safety

What would make this feature safer to use? For both the user, and for the business paying for the software?

Example: input validation, enforcement of business rules such as credit card validation

Usability, Performance, Sex Appeal

What would make this feature easier to use? More desirable to use? Faster to use?

Example: auto-completion, sexy visual design, speed keys

Courtesy: Jeff Patton & Associates   **Copyright © 2014 Sachin Dhaygude**

BREAKING USER STORIES

34

Sizing The Story: Large vs Small?

Advantages of larger stories

- No 'challenge' of splitting
- Perceived 'efficiencies'
- Clearer business value
- Easier to prioritize

Finding the right story size can be hard

Advantages of smaller stories

- Accurate estimates
- Planning flexibility
- Measure of progress
- Understanding of scope

35

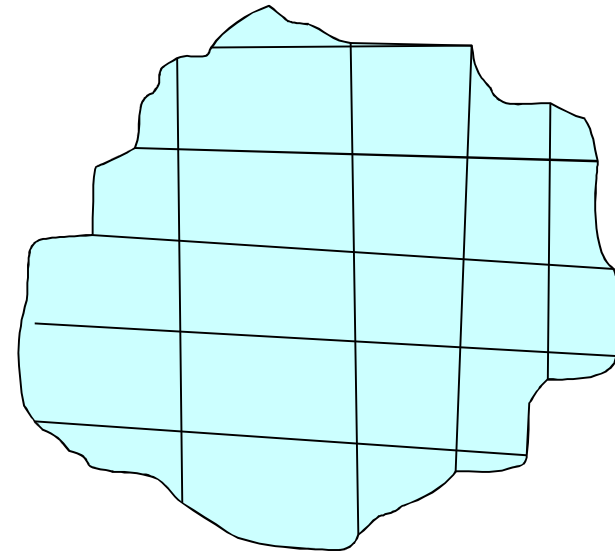# Why Break Stories Into Smaller?....
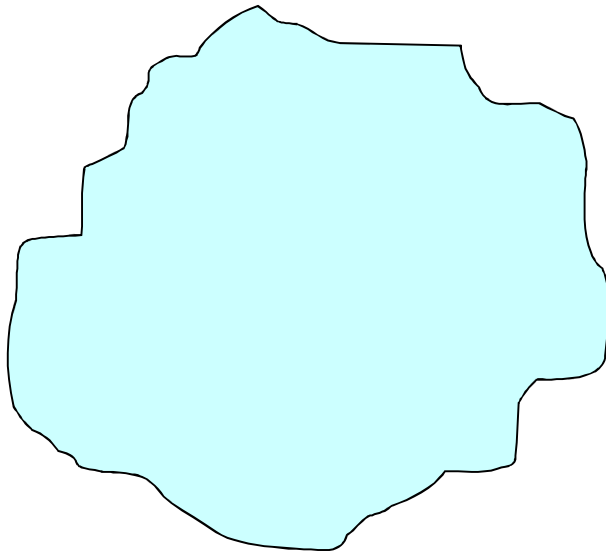
Which shape is this?

Can we measure area of this shape?

Well, now this seems to be MORE measurable

Some features (stories) will be like this – vague ☺ break them into smaller stories

36

Measurable And Doable

Is this measurable?

Can you eat whole pizza, just like that?
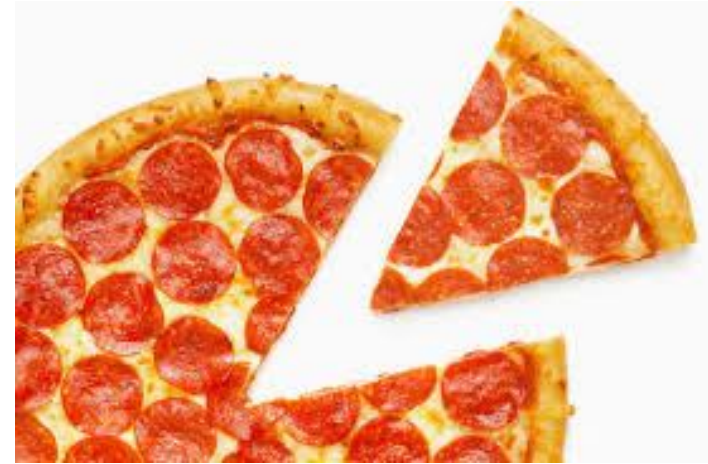
Well, you need to slice it so that it is eatable!

Some features (stories) will be like this – BIG to fit in time-box ☺, break them into smaller stories

Writing User Story

Attributes Of Good Stories

- (INVEST)

  – Independent

  – Negotiable

  – Valuable

  – Estimable

  – Small

  – Testable

38

Make It Small (Or Large) ☺?

Sprint

Release

Future
Releases

Stories

Priority

Epics
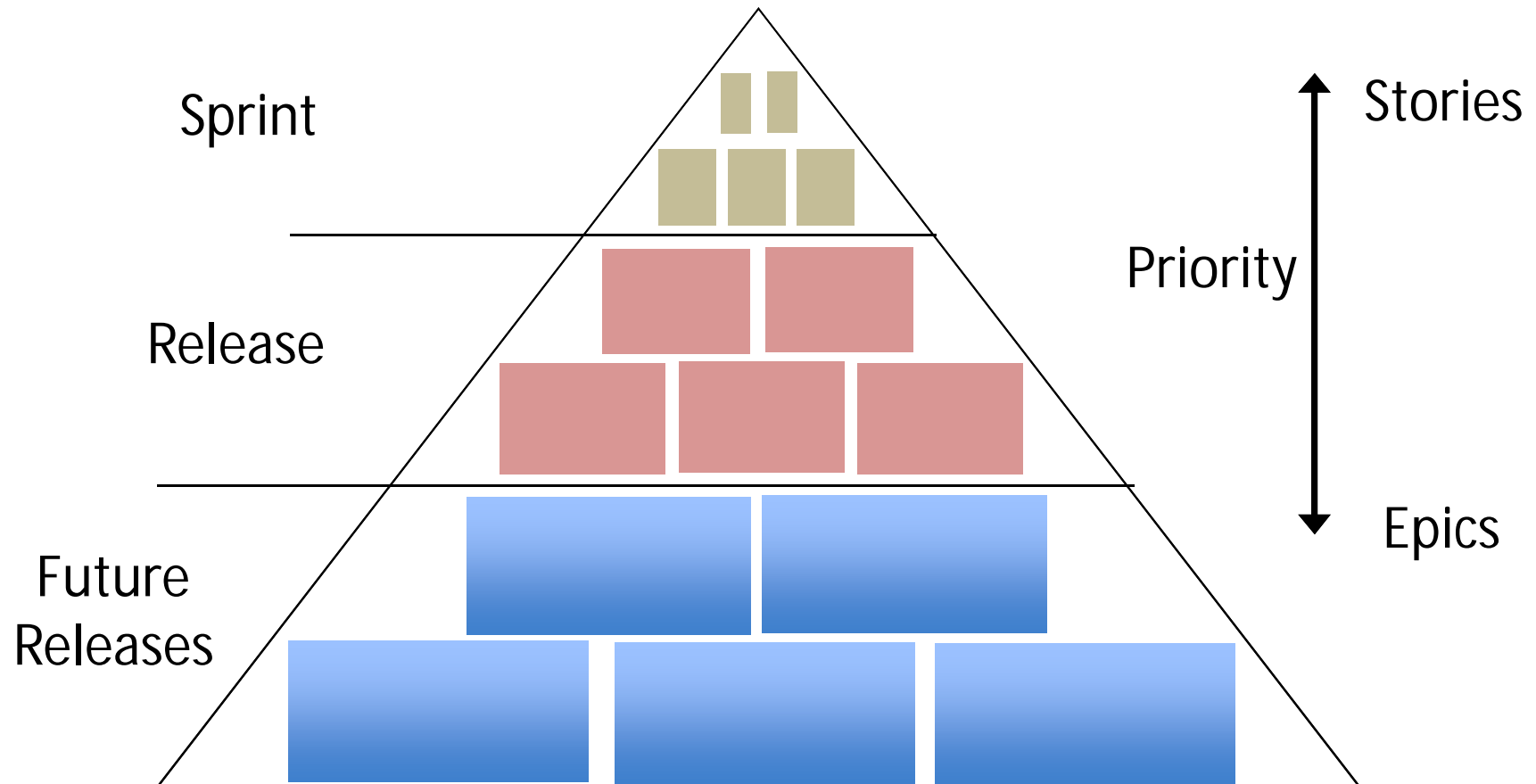
HOW TO BREAK?

How To Split?: Scenario 1

How To Split?: Scenario 2

How To Split?: Scenario 3

By Different Paths / Flows…

How To Split?: Scenario 4

By Different Input Options...

How To Split?: Scenario 5

By Data types / Parameters...

How To Split?: Scenario 6

How To Split?: Scenario 7

By Scenarios...

How To Split?: Scenario 8

By Data Entry Methods...

Other Ways To Break….

- By Roles…
- Variations in data (e.g. Single account, linked accounts, credits, debits, date range, summary view, detailed view in a report)
- Split by test scenarios…
- Break out a spike

Slice Vertically…Not Technically
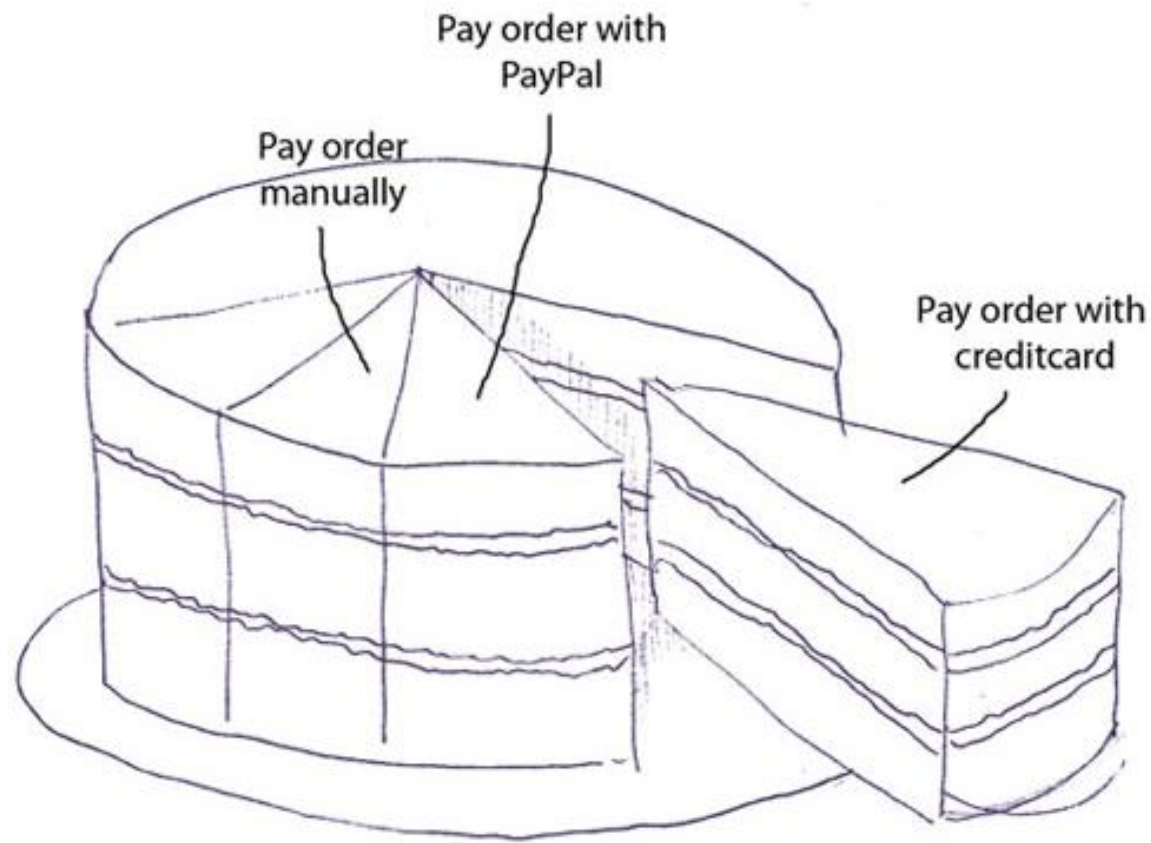
LET'S TRY TO APPLY THIS....

52

Courtesy: Jeff Patton & Associates   **Copyright © 2014 Sachin Dhaygude**

Understanding Details...
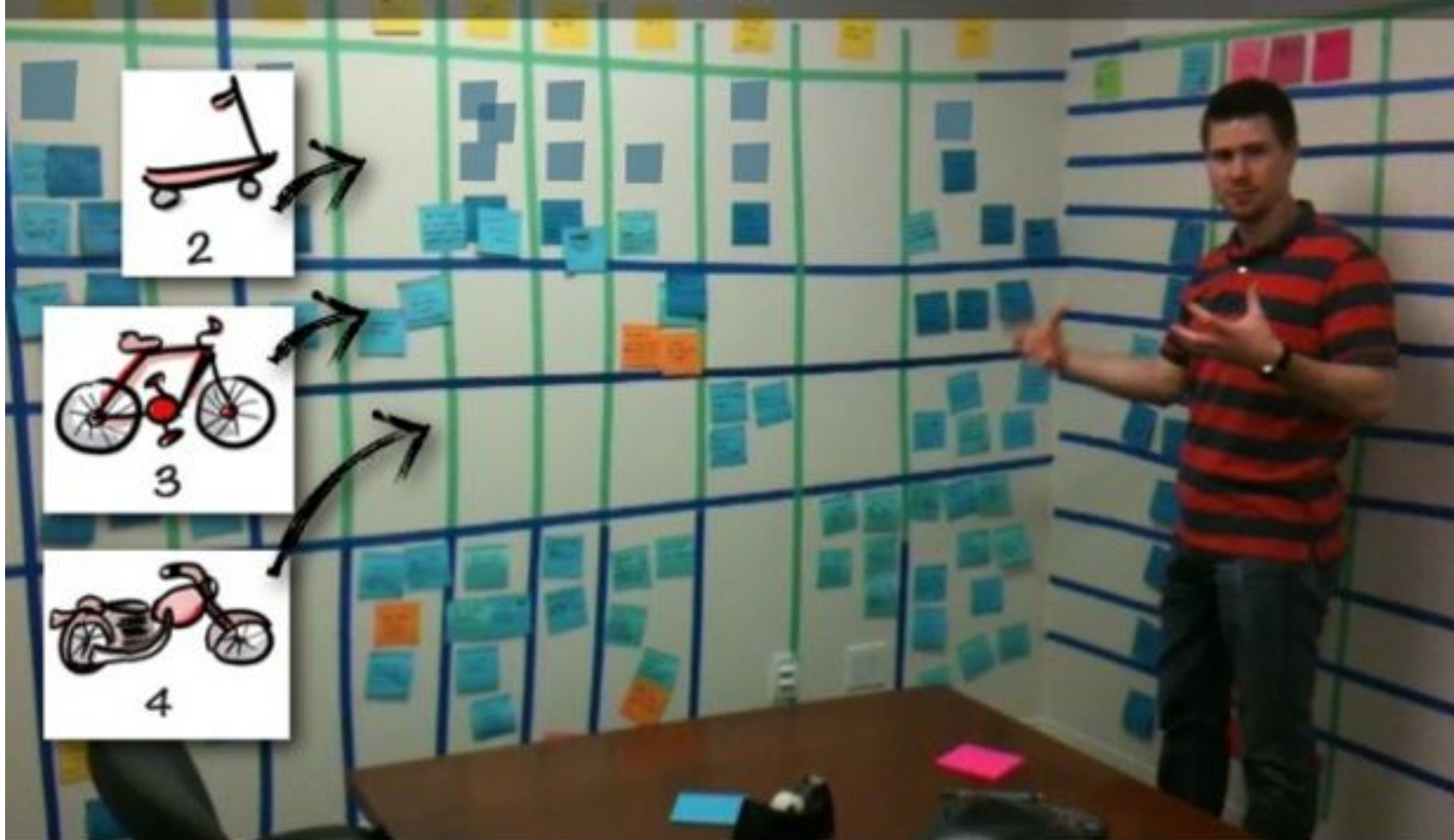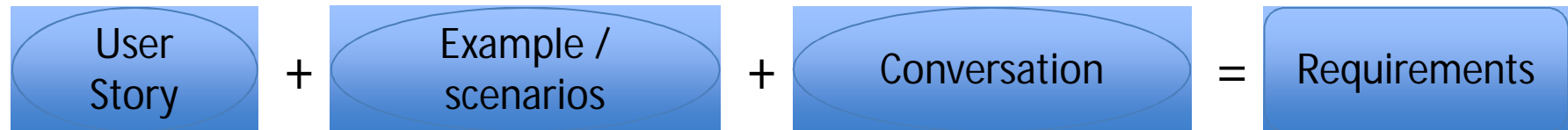
User Story + Example / scenarios + Conversation = Requirements

Understanding Details…

User Story **+** Example / Coaching test **+** Conversation **=** Requirements

How to enable this? ☺

- Checklists
- Mind maps
- Spreadsheets
- Mock ups
- Flow diagrams
- Software based tools
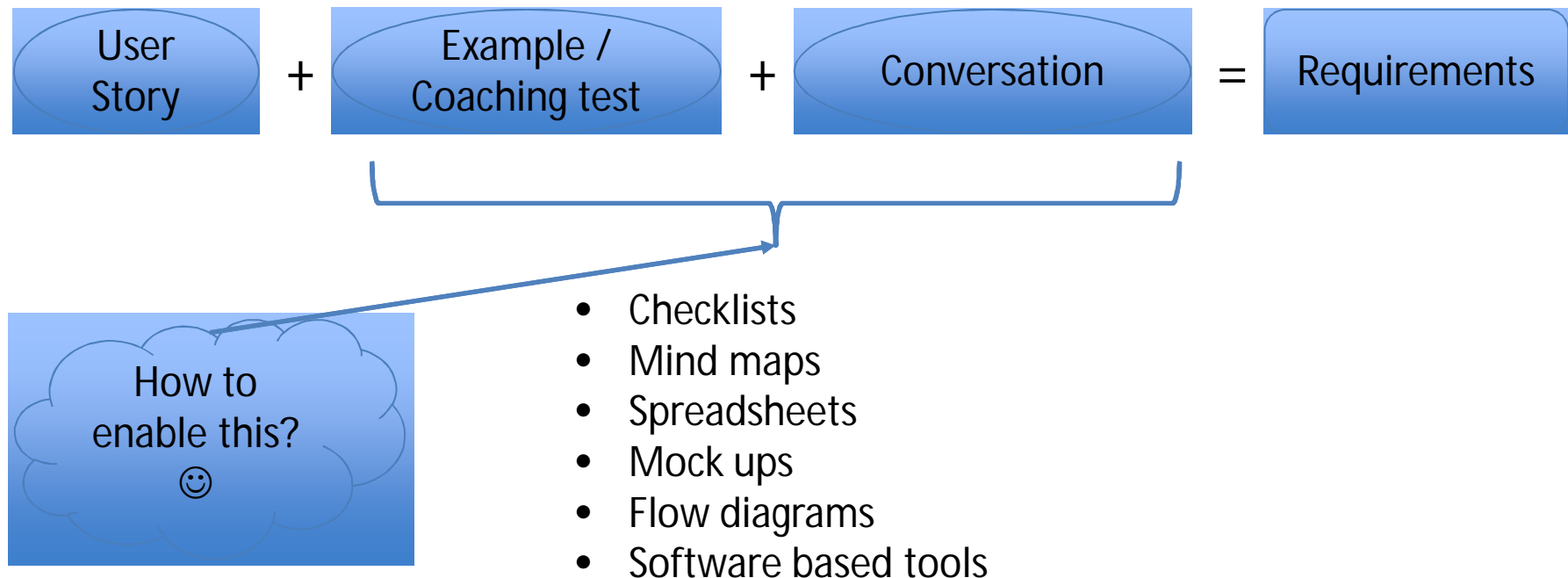
Thank You

Sachin Dhaygude, PMP, PRINCE2-Practitioner, PMI-ACP, CSM, CSP
Email: sachin@scrumfusion.com, sdhaygude@gmail.com
Website: www.scrumfusion.com
Contact: +91 98900 59989