AHMED SIDKY, PH.D.

MANAGING THE AGILE TEAM

A Quick Introduction

- Co-Author of “Becoming Agile”
- Executive Vice President at Santeon
- Over 10 years of dev and delivery experience
- Co-founder of International Consortium for Agile
- Masters in Requirements Engineering
- Ph.D in Agile Adoption from Virginia Tech
- Agile Educator, Coach and Consultant
- Frequent Presenter at Conferences
- Program Chair of Agile 2009

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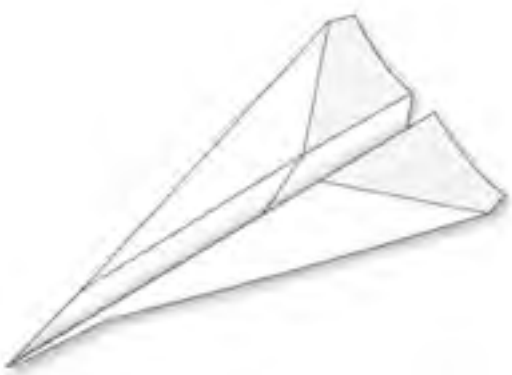
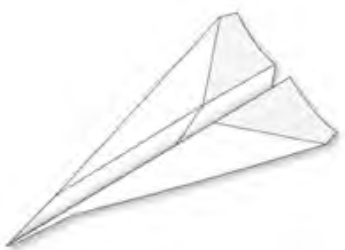
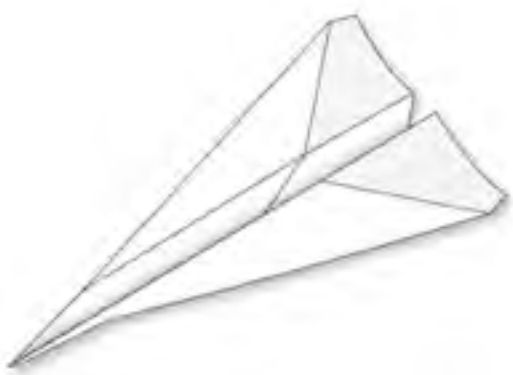
Warming Up …

Eight Volunteers, please :)







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The Origins of Scrum

> “The… ‘relay race’ approach to product development…may conflict with the goals of maximum speed and flexibility. Instead a holistic or ‘rugby’ approach - where a team tries to go the distance as a unit, passing the ball back and forth - may better serve today’s competitive requirements.”

The New New Product Development Game, by Hirotaka Takeuchi, Ikujiro Nonaka. Harvard Business Review, January 1986

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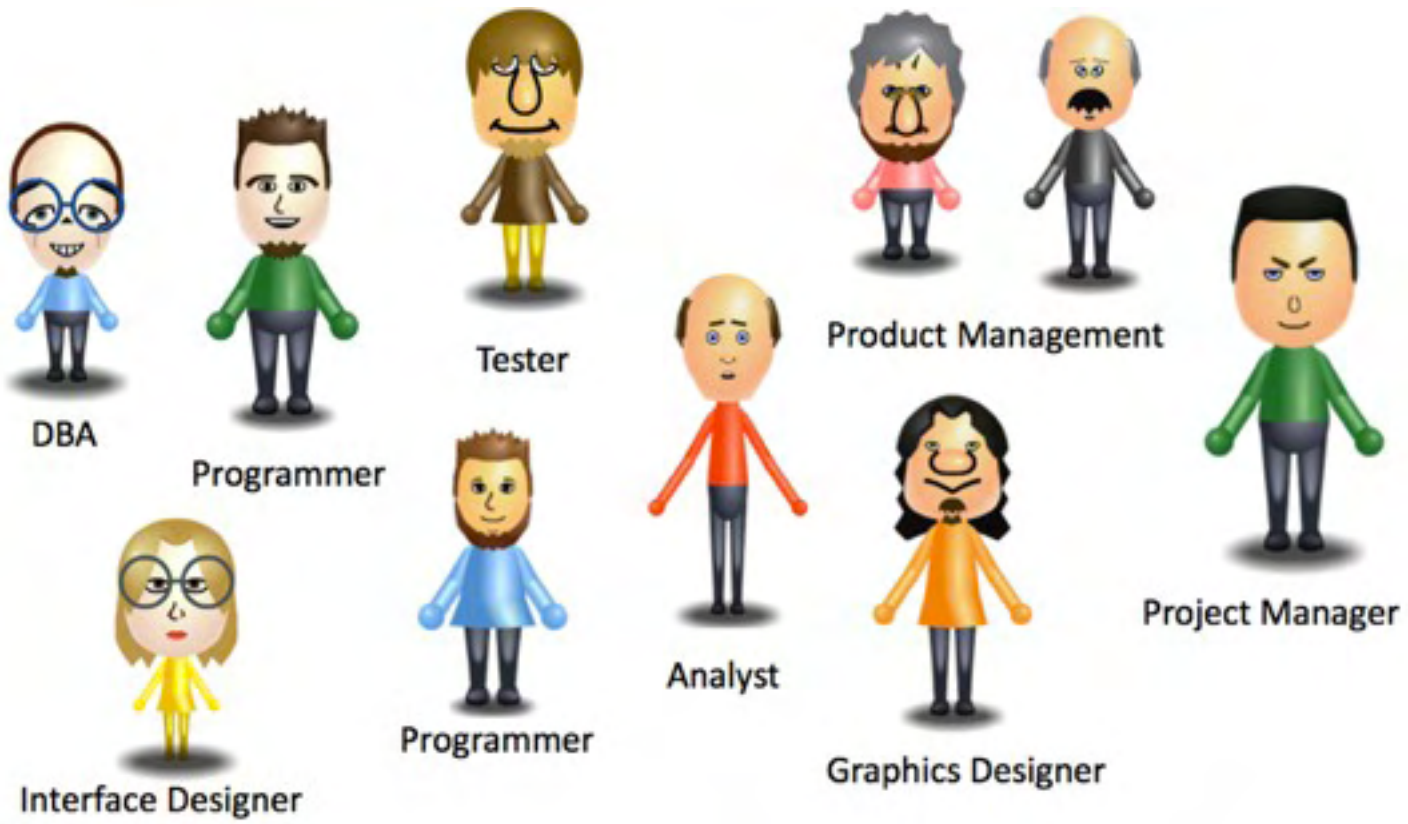
Its all about the people
TEAM STRUCTURE

A Project Community



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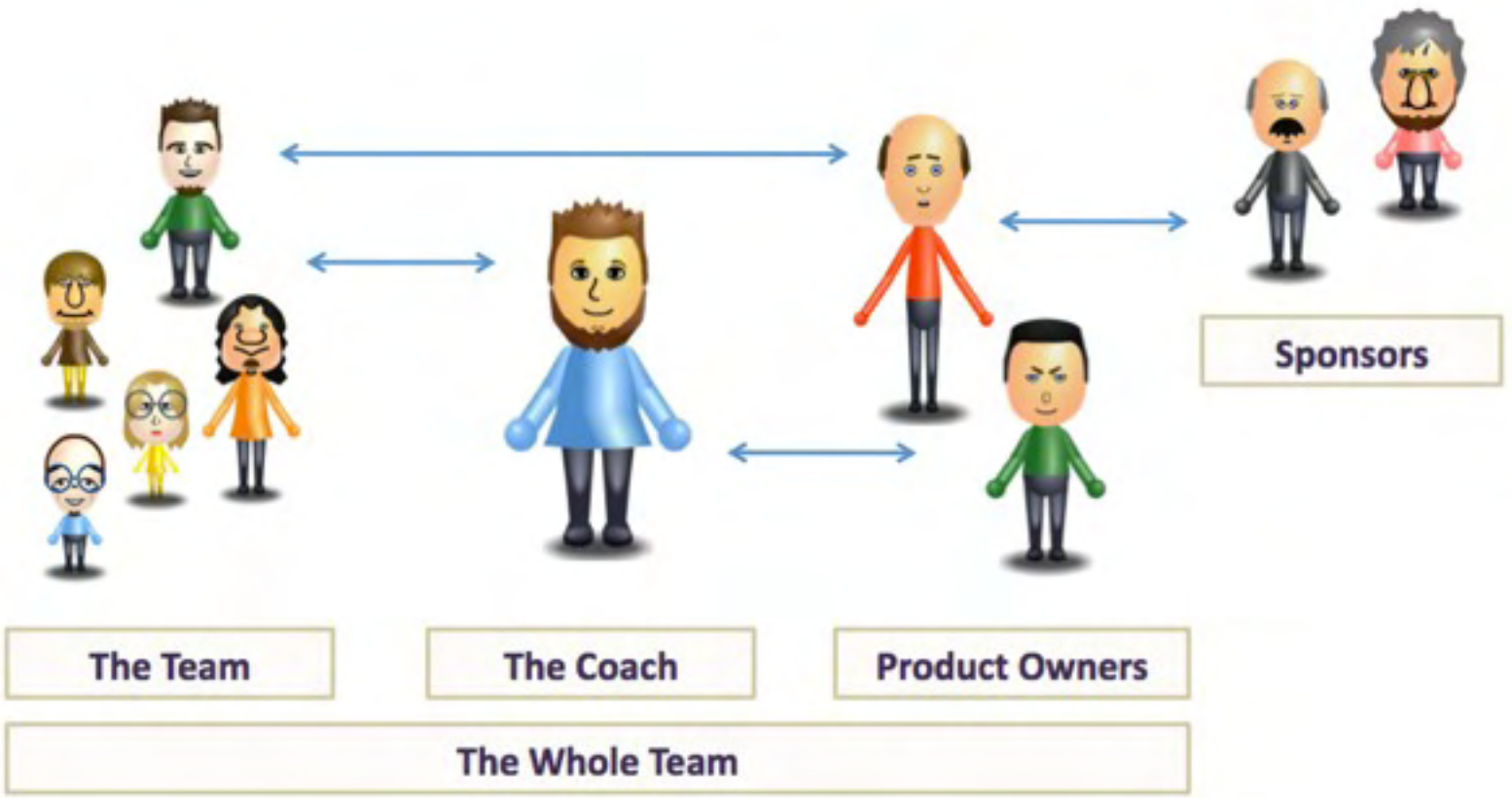
An Agile Project Community



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Sponsors

- Provide direction to product owner
- Should have access to iteration reviews to see incremental value being delivered
- Are not evil!

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Product Owner

- Owns the product backlog
- Decides on release dates and content
- Prioritizes backlogs (e.g. content of next iteration)
- Can change features and priority every iteration
- Often a collection of people speaking with 1 voice

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Coach / SCRUM Master

- Ensures that process is followed
- Helps people improve – servant leader
- Promotes cooperation - removes barriers
- Helps runs stand ups, planning and reviews
- Ensures progress is radiating & plan is alive

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Whole Team

- Organizes itself and the iteration work (backlog of tasks – story sign off)
- Cross-functional team of less than 10 people
  - Developers – Testers – Domain Experts
- Presents working software to customer community at iteration (sprint) review

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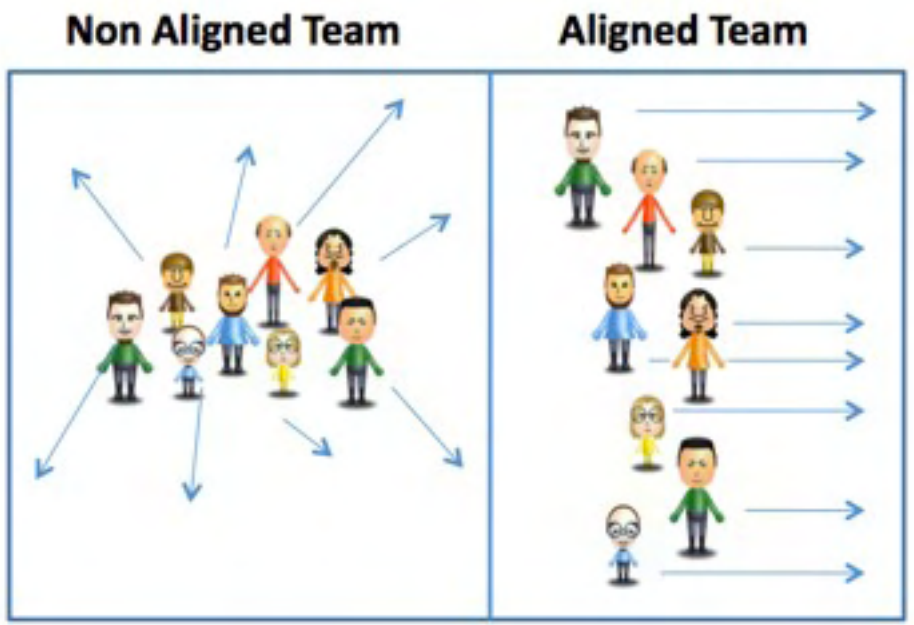
Project Chartering / Common Vision

Establishes Common:

- Vision
- Goals
- Availability
- Values
- Success Measures
- Working Agreements



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PRODUCTIVE PLACES

Common Workspace

Creative Software Spaces

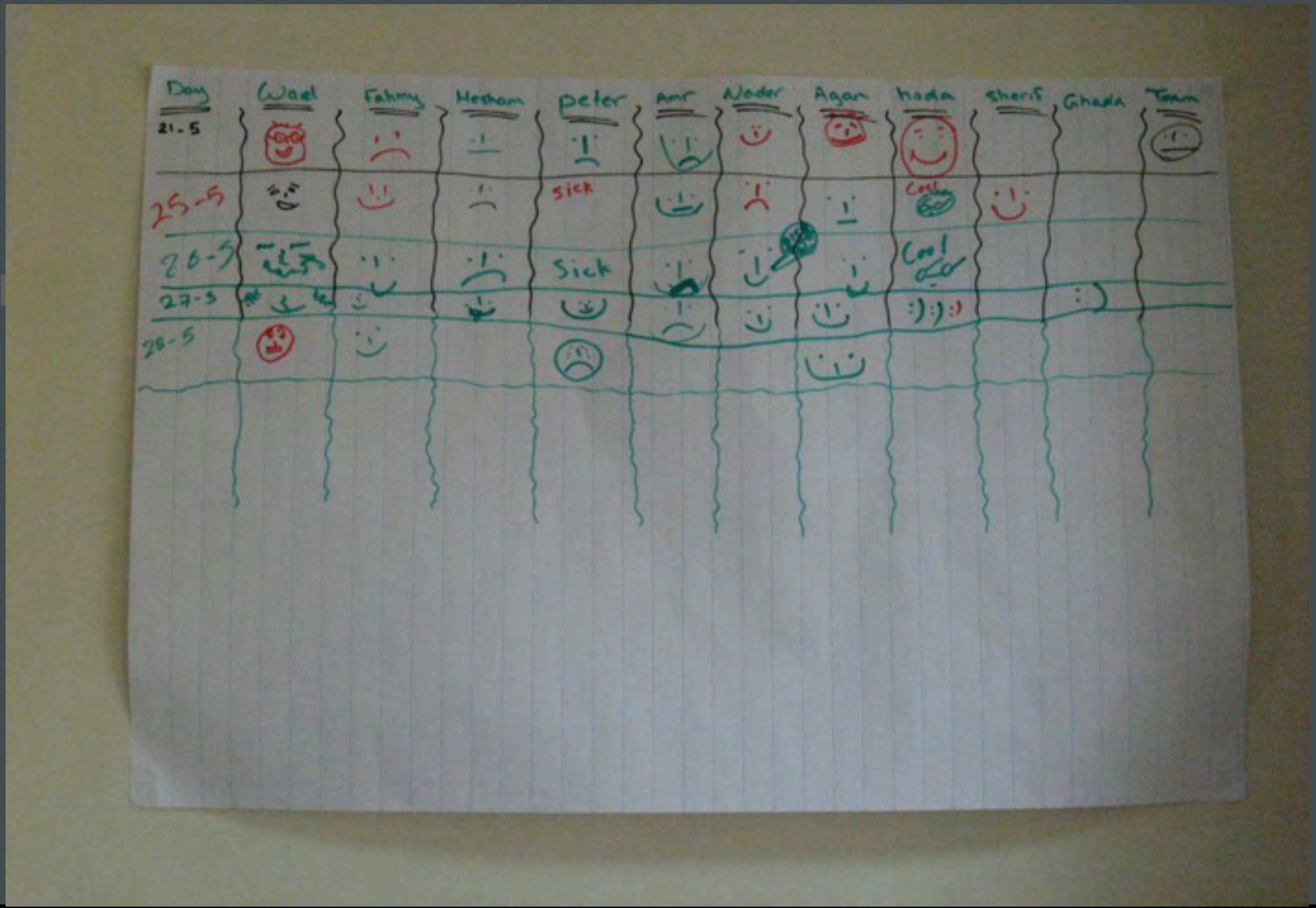
Cubical Constraints

Cubical Constraints

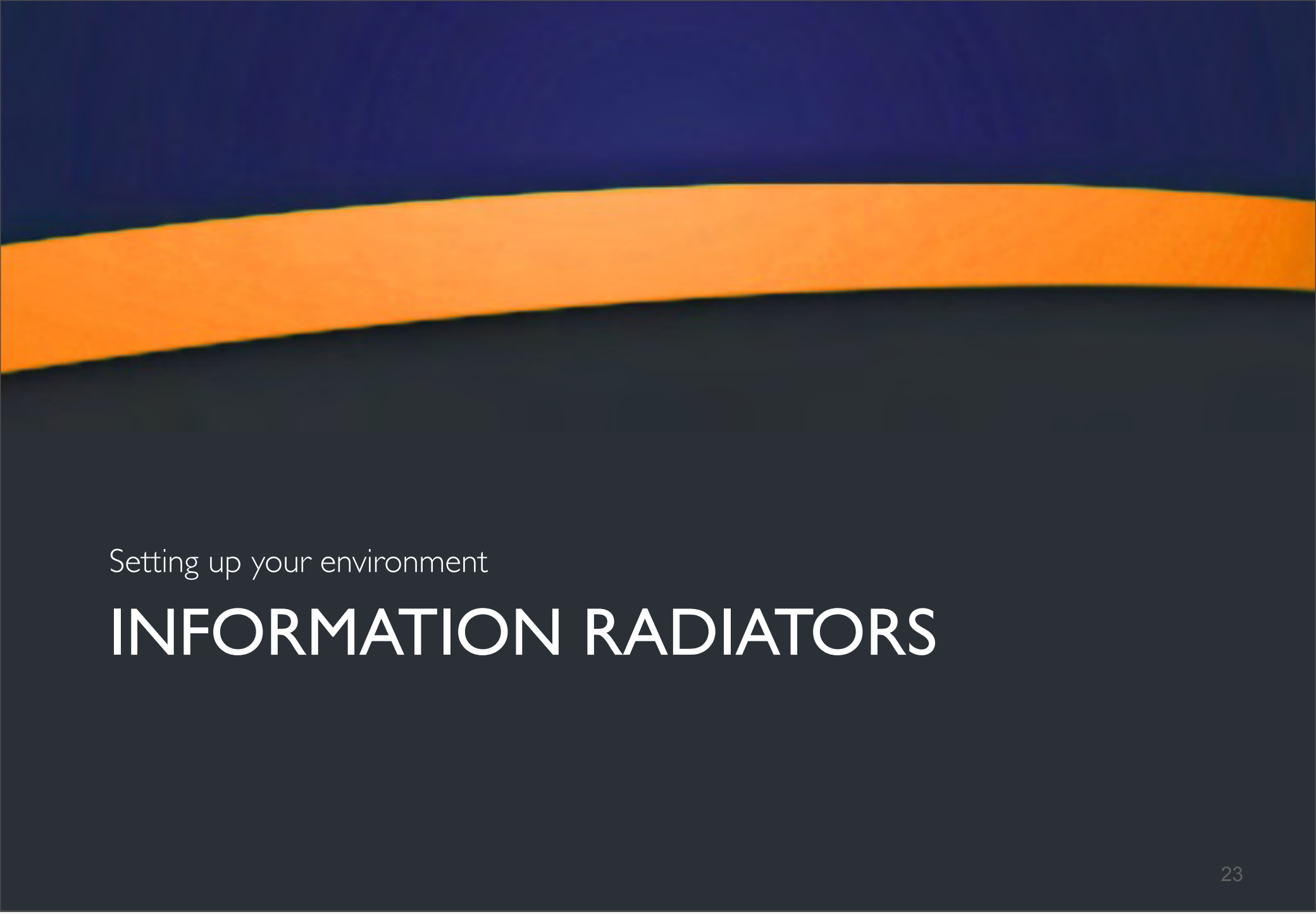
Oval Office

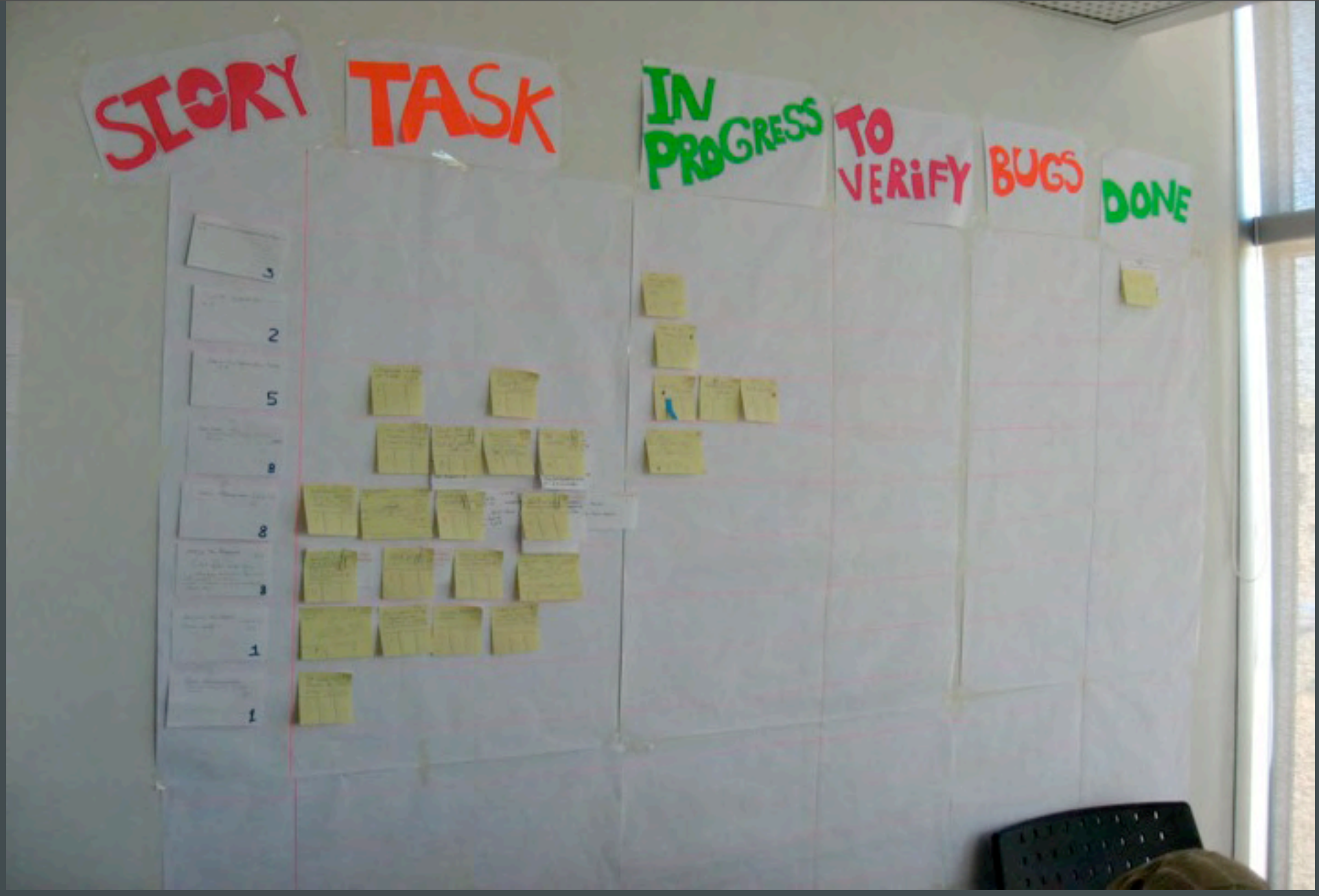
Social Radiators

Product Radiators

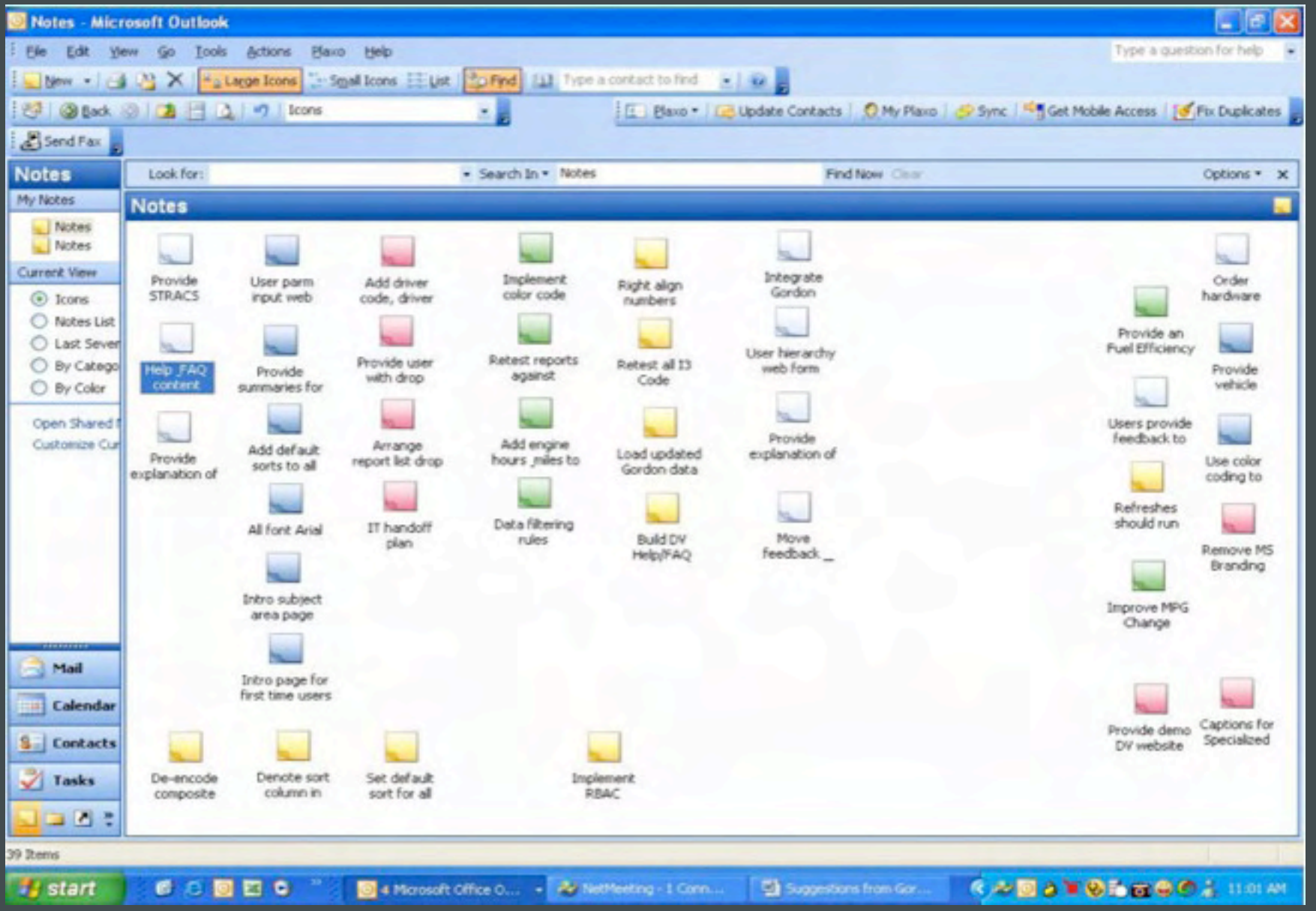


Team's Emotional Status


Setting up your environment
INFORMATION RADIATORS

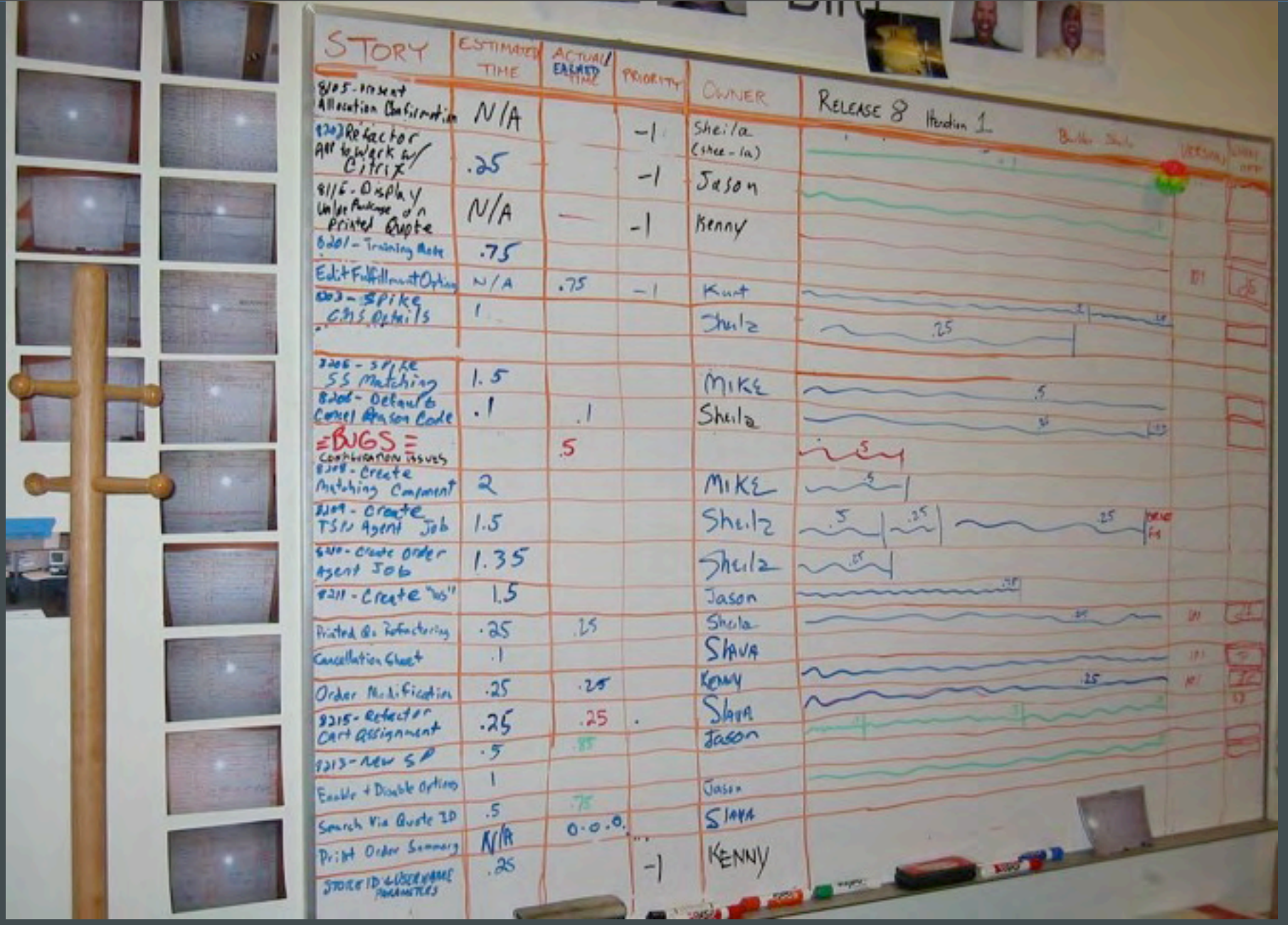


Story Board – Day 1



Virtual Task Desktop

Cork Task Walls



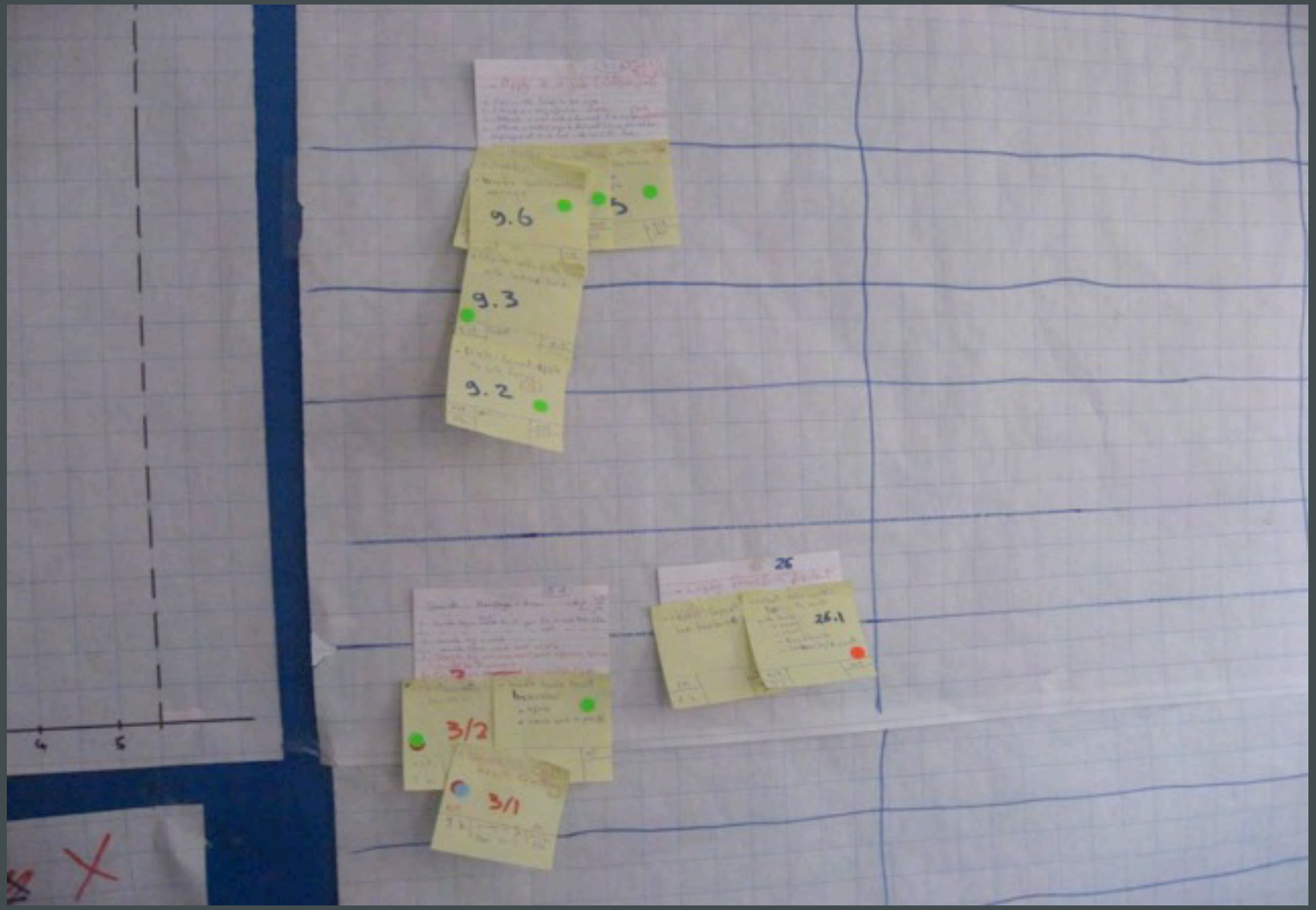
Information Radiators

Magnetic Task Walls

Creative Task Wall (Limited Space)

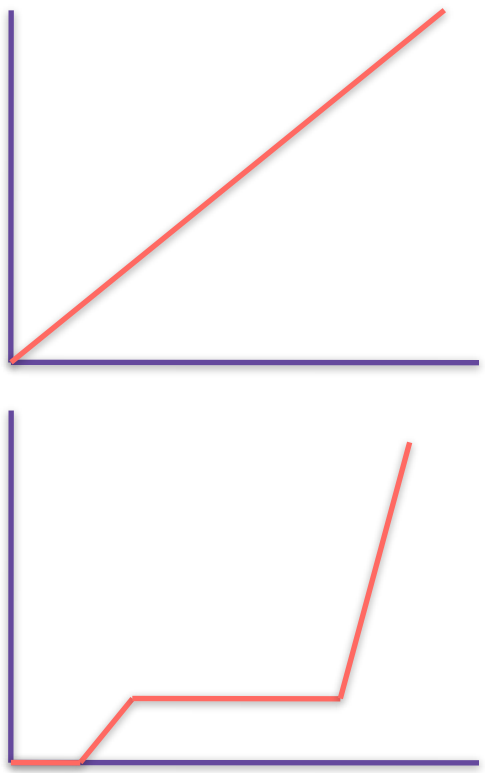
Simple Task Wall

Task Volunteering



Story is Done Done

A deeper look
INSIDE AN ITERATION

	Building	Product	Testing
The Start	Iteration Planning: Breaking down stories into tasks and estimating the tasks	Accessible for any questions	Preparing Test Cases
The Iteration		Start Identifying stories for next Iteration Refining Acceptance Tests for Next Iteration Story Accessible for any questions Create Usability Wireframes and perform Usability Tests then Decide Interface Finalize Stories for next iteration	Exploratory testing for previous iteration stories Prepare test-cases for stories in the current iteration – these test cases will run in the next iteration Continuously Verifying Acceptance test for current iteration stories.
The End	**Iteration Demo + Retrospective**		

What's Next ...

- Learn more about Agile
  - Upcoming Trainings...
  - Fundamentals of Agile Certification : April 12 -14
  - Agile and CMMI : April 26 – 28
  - Facilitation Skills for Agile : May 3 - 5
  - Fundamentals of Agile Certification : May10 -12
- Agile Coaching and Consulting
- Agile Readiness Assessments
  - Simple Version : www.doctoragile.com
  - Expanded Version : contact us : asidky@santeon.com

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A Personal Favor ... :)

I hope you enjoyed the class, ... I would appreciate if you left me a recommendation on LinkedIn

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asidky@santeon.com