

MANAGING THE AGILE TEAM

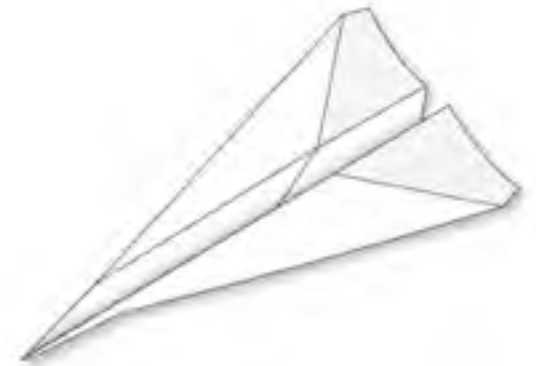
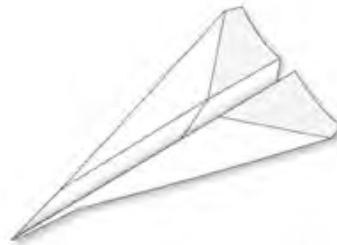
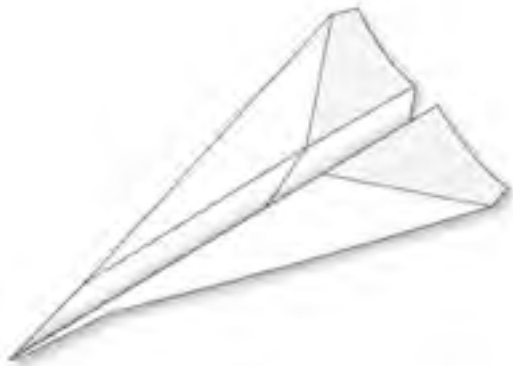
A Quick Introduction

- 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



Warming Up ...

Eight Volunteers, please :)



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. ”

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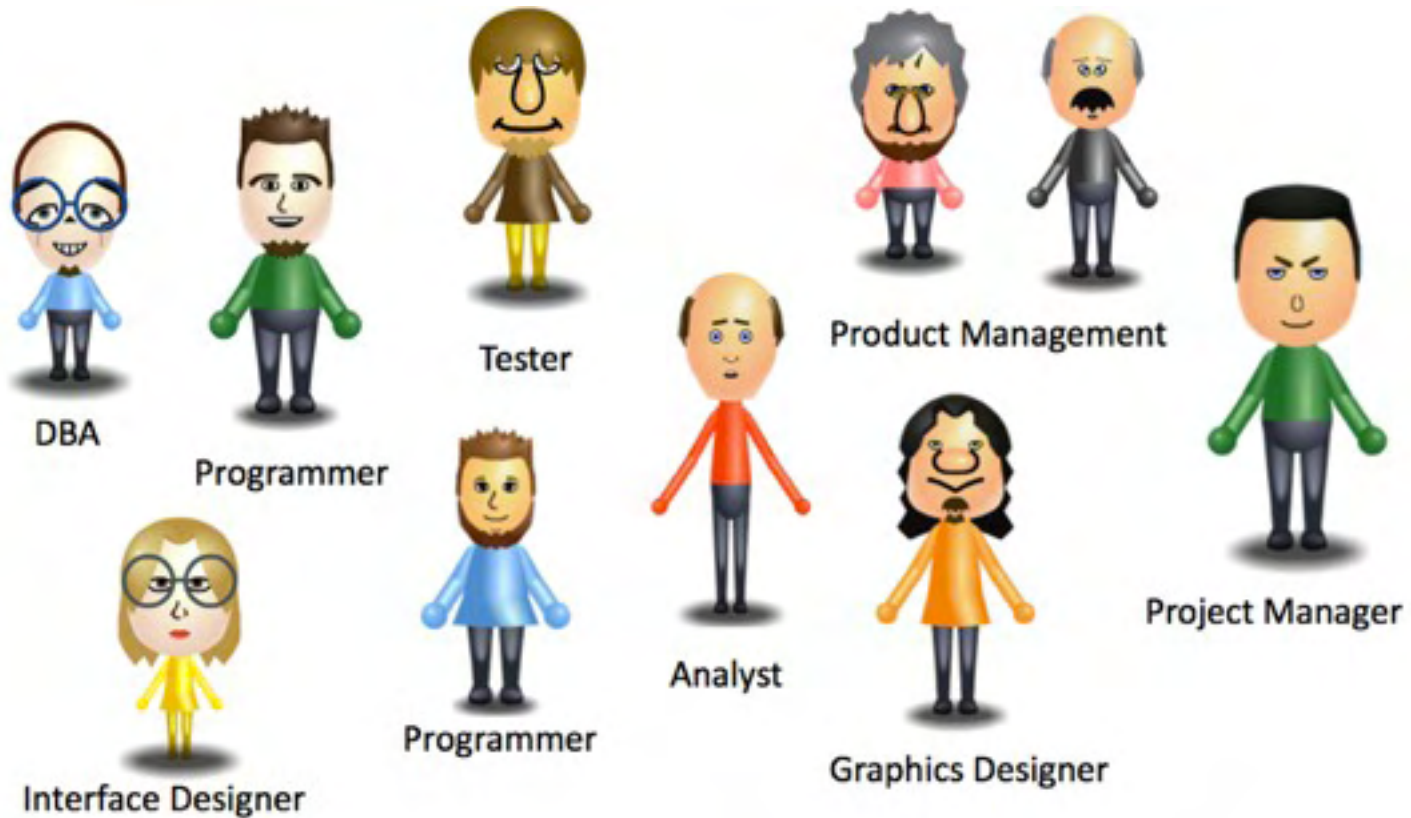




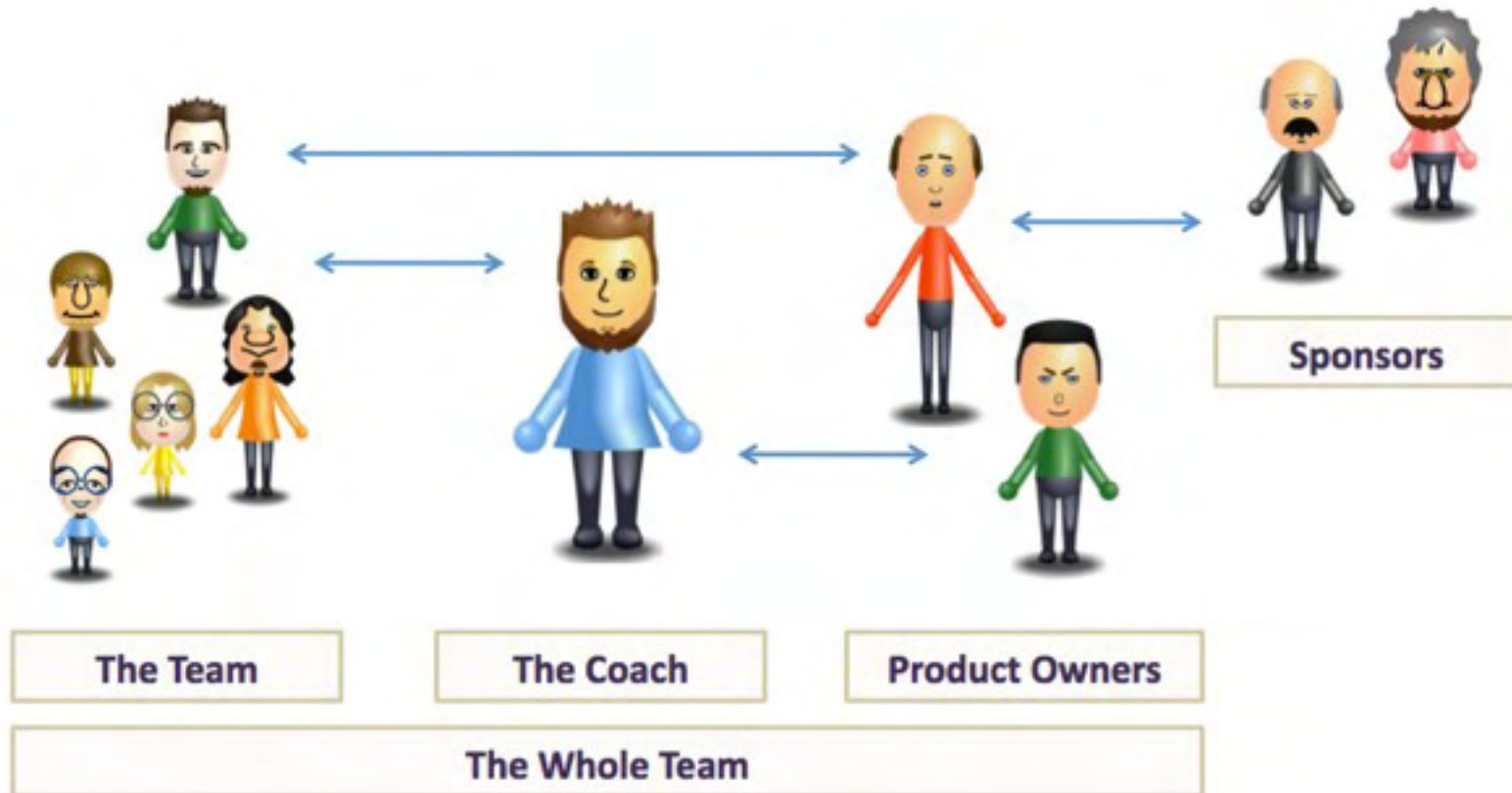
Its all about the people

TEAM STRUCTURE

A Project Community



An Agile Project Community



Sponsors

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



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



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



Whole Team

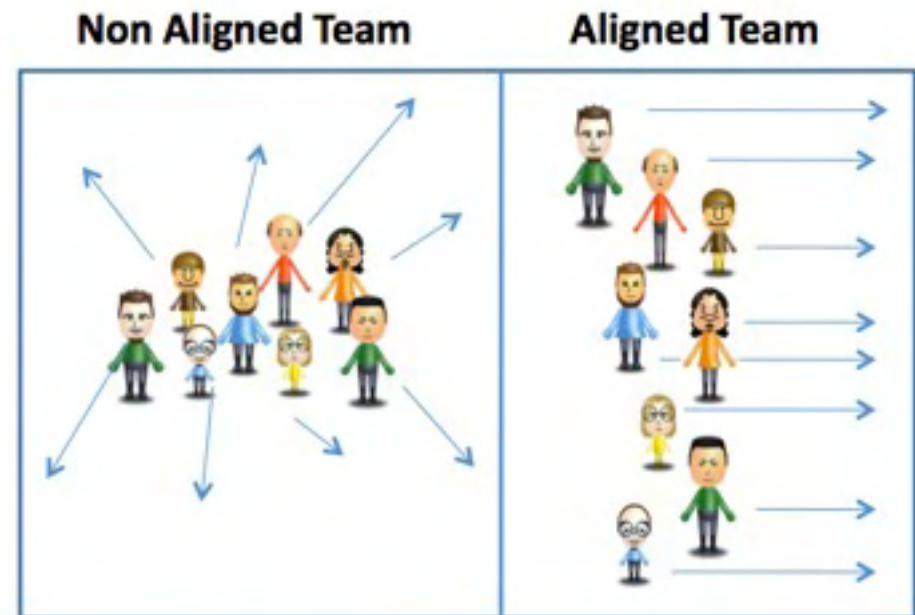
- Organizes itself and the iteration work (backlog of tasks – story sign off)
- Cross-functional team of less than 10 people
 - Developers – Testers – Domain Experts
- Presents working software to customer community at iteration (sprint) review



Project Chartering / Common Vision

Establishes Common:

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





PRODUCTIVE PLACES



Common Workspace



Creative Software Spaces



Cubical Constraints



Cubical Constraints



Oval Office



TESTS	Alpha	Genesis
UNIT	10	35
DB	12	34
NA-SERVER	50	300
SERVER	370	320
RUN BA UNIT	2:39 (45min)	4:32 (90min)
FULL	600	1200 (20min)

Alpha	Feb 27 14:24:57
Genesis	Feb 27 14:28:17
Dragon	Feb 27 14:39:46
Guardian	Feb 27 14:58:54
Endorser	Feb 26 12:06:09
LMS	Feb 27 14:34:54
iLink-CDS	Feb 26 06:59:47
OAS	Feb 27 04:00:48
Consolidation	Feb 27 14:52:55

Social Radiators



AIMS
Web
Personas



'Pete the Public Prosecutor'

Description	Values
<ul style="list-style-type: none"> 40-year-old Married Professional background Highly organized Detail-oriented Highly motivated 	<ul style="list-style-type: none"> Business-oriented Formal Professional Efficient Organized Detail-oriented

Personas/Goals:
 - Courtroom & computer
 - Court for the best case possible



'Alice the Admin'

Description	Values
<ul style="list-style-type: none"> 30-year-old Single Administrative background Detail-oriented Organized Efficient 	<ul style="list-style-type: none"> Business-oriented Formal Professional Efficient Organized Detail-oriented

Personas/Goals:
 - Make a good impression on clients



'Robert the Agent'

Description	Values
<ul style="list-style-type: none"> 35-year-old Married Agent background Detail-oriented Organized Efficient 	<ul style="list-style-type: none"> Business-oriented Formal Professional Efficient Organized Detail-oriented

Personas/Goals:
 - Representing clients



'Gary the Income Guru'

Description	Values
<ul style="list-style-type: none"> 45-year-old Married Income expert Detail-oriented Organized Efficient 	<ul style="list-style-type: none"> Business-oriented Formal Professional Efficient Organized Detail-oriented

Personas/Goals:
 - Help of all matters and help. They know the best paths



'Frank the Field Marketing Guy'

Description	Values
<ul style="list-style-type: none"> 30-year-old Single Marketing background Detail-oriented Organized Efficient 	<ul style="list-style-type: none"> Business-oriented Formal Professional Efficient Organized Detail-oriented

Personas/Goals:
 - Help clients find the best place to open a new office



'Polly Production Partner'

Description	Values
<ul style="list-style-type: none"> 35-year-old Married Production background Detail-oriented Organized Efficient 	<ul style="list-style-type: none"> Business-oriented Formal Professional Efficient Organized Detail-oriented

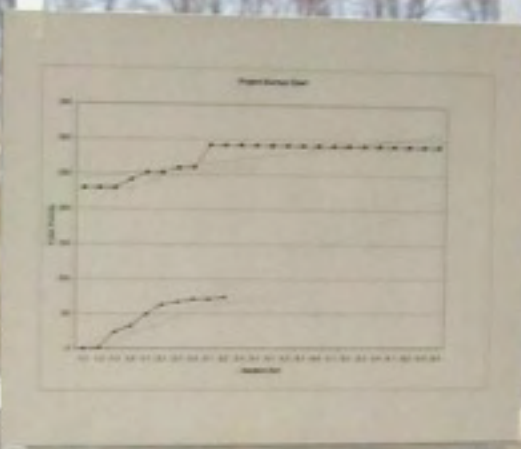
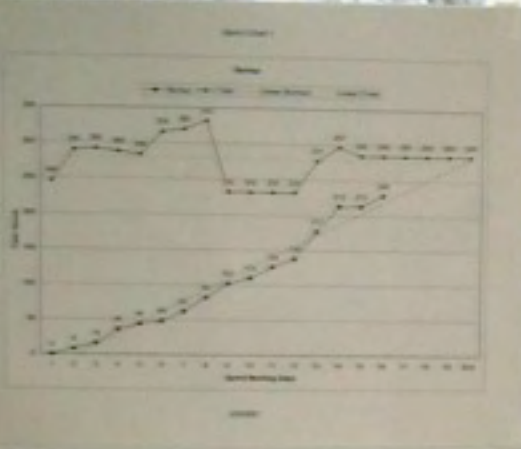
Personas/Goals:
 - Help of all matters and help. They know the best paths



'Polly AIMS Partner'

Description	Values
<ul style="list-style-type: none"> 35-year-old Married AIMS background Detail-oriented Organized Efficient 	<ul style="list-style-type: none"> Business-oriented Formal Professional Efficient Organized Detail-oriented

Personas/Goals:
 - Help of all matters and help. They know the best paths



Product Radiators

Day	Wael	Fahmy	Hesham	Peter	Amr	Nader	Agar	Hoda	Sherif	Ghada	Team
21-5											
25-5				Sick							
26-5				Sick							
27-5											
28-5											

Team's Emotional Status



Setting up your environment

INFORMATION RADIATORS

STORY

TASK

IN
PROGRESS

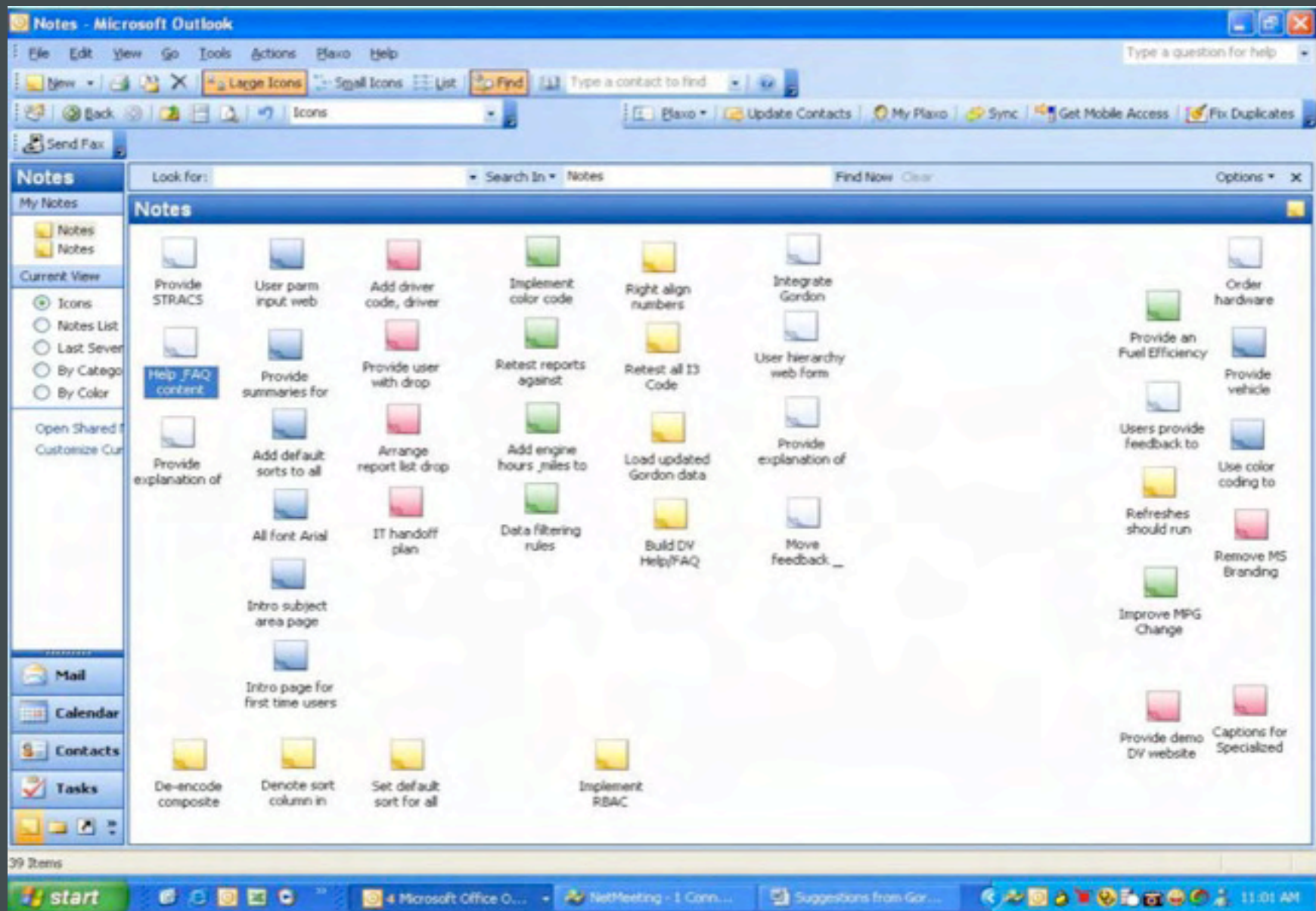
TO
VERIFY

BUGS

DONE

The image shows a Kanban board with six columns. The columns are labeled from left to right: STORY, TASK, IN PROGRESS, TO VERIFY, BUGS, and DONE. The STORY column contains a vertical list of task cards numbered 3, 2, 5, 6, 8, 3, 1, and 1. The TASK column is filled with numerous yellow sticky notes arranged in a grid-like pattern. The IN PROGRESS column has several yellow sticky notes, some with blue markings. The TO VERIFY, BUGS, and DONE columns are mostly empty, with a few yellow sticky notes scattered in the IN PROGRESS and DONE columns. The board is set against a white wall, and a window with blinds is visible on the right side.

Story Board – Day 1



Virtual Task Desktop



Cork Task Walls

STORY	ESTIMATED TIME	ACTUAL EARNED TIME	PRIORITY	OWNER	RELEASE 8	Iteration 1
8105 - present Allocation Confirmation	N/A					
8203 Refactor App to work w/ Citrix	.25		-1	Sheila (shee-la)		
8116 - Display Value Package on Printed Quote	N/A		-1	Jason		
8201 - Training Note	.75			Kenny		
Edit Fulfillment Option	N/A	.75	-1	Kurt		
8003 - SPIKE C/S Details	1			Shultz	.25	
2005 - SPIKE SS Matching	1.5			MIKE		
8206 - Defaults Cancel Amazon Code	.1	.1		Sheila		
=BUGS= Combination Issues		.5				
8208 - Create Matching Comment	2			MIKE		
8209 - Create TSI Agent Job	1.5			Shultz	.5	.25
8200 - Create Order Agent Job	1.35			Shultz	.25	
8211 - Create "us"	1.5			Jason		
Printed @ Refactoring	.25	.25		Sheila		
Cancellation Sheet	.1			SHAVA		
Order Modification	.25	.25		Kenny		
8215 - Refactor CART Assignment	.25	.25		SHAVA		
8213 - new SP	.5	.25		Jason		
Enable + Double Option	1			Jason		
Search Via Quote ID	.5	.75		SHAVA		
Print Order Summary	N/A	0-0-0				
STORE ID + USERNAME PARAMETERS	.25		-1	KENNY		

Information Radiators



Magnetic Task Walls



Creative Task Wall (Limited Space)

The image shows a hand-drawn Kanban board on a grid background. The board is divided into six columns, each with a label at the top:

- Stories:** The first column, containing several small white cards with text.
- Tasks:** The second column, containing several green sticky notes.
- In progress:** The third column, containing several green sticky notes, some with small icons.
- Sampled:** The fourth column, containing several green sticky notes, some with small icons. A handwritten note above this column reads "Sampled defined on P1".
- Bugs:** The fifth column, containing one yellow sticky note.
- DONE:** The sixth column, which is currently empty.

The board is used to track the progress of tasks, with sticky notes moving from left to right as they are completed.

Simple Task Wall

Handwritten notes on sticky paper, including a small cartoon character.

Restructure Masterpage
into 2x1s

Est.	Act.
2w/	





Restructure layout
into 2x1s

Est.	Act.
2w/	

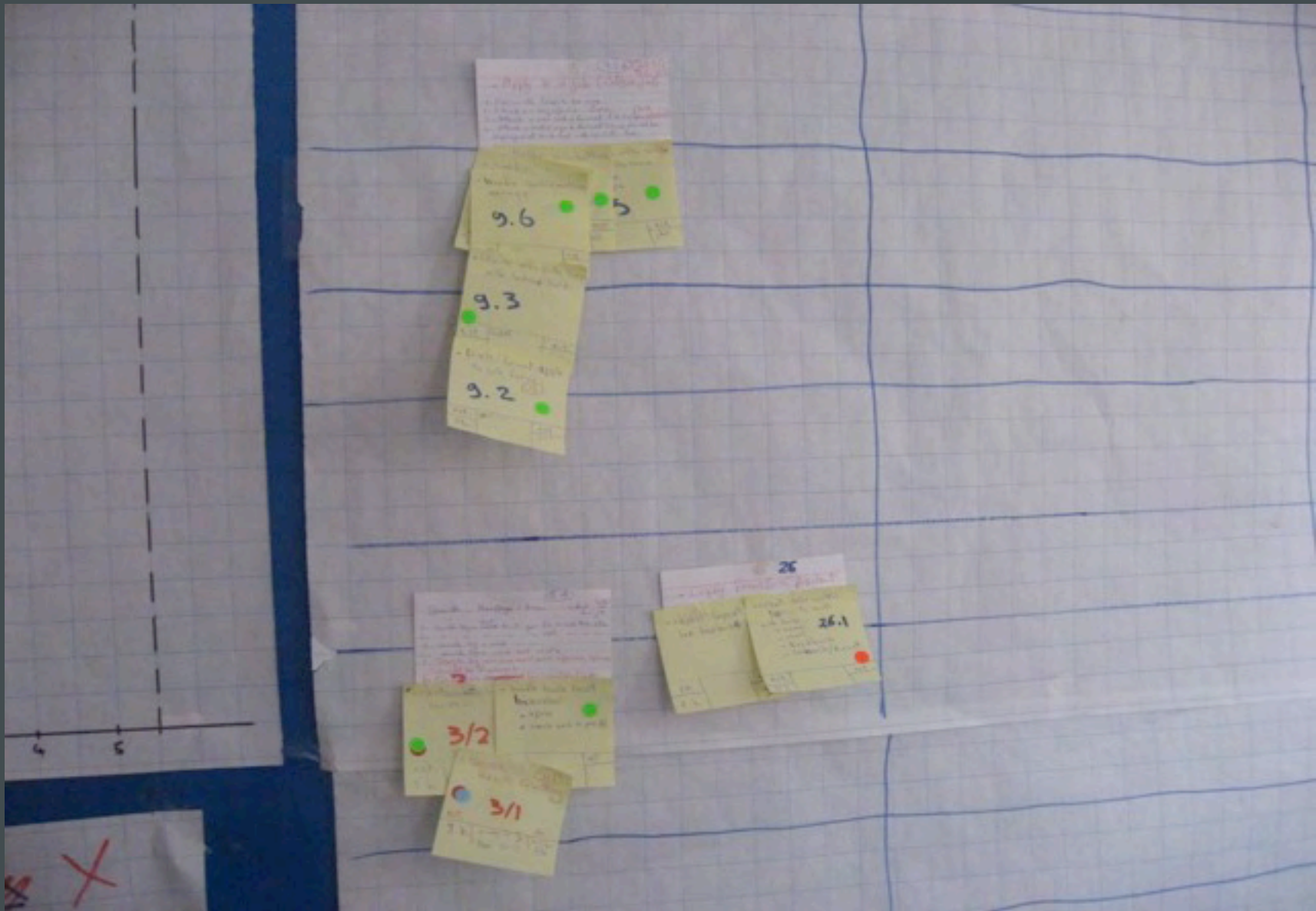


Restructure CSS
of Masterpage & layout

Est.	
2w/	



Task Volunteering

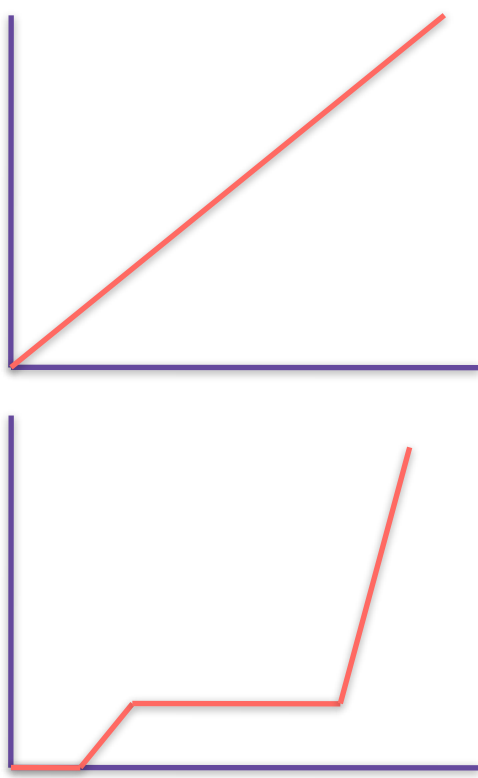


Story is Done Done



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		<p>Start Identifying stories for next Iteration</p> <p>Refining Acceptance Tests for Next Iteration Story</p> <p>Accessible for any questions</p> <p>Create Usability Wireframes and perform Usability Tests then Decide Interface</p> <p>Finalize Stories for next iteration</p>	<p>Exploratory testing for previous iteration stories</p> <p>Prepare test-cases for stories in the current iteration – these test cases will run in the next iteration</p> <p>Continuously Verifying Acceptance test for current iteration stories.</p>
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 : May 10 -12

Agile Coaching and Consulting

Agile Readiness Assessments

Simple Version : www.doctoragile.com

Expanded Version : contact us : asidky@santeon.com

A Personal Favor ... :)

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

Ahmed Sidky
asidky@santeon.com