Basic Scrum
Part Uno

18F Training
Updated Oct. 2019

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Goal of Basic Scrum Module

Working knowledge of the roles, artifacts, and ceremonies of scrum and the special nature of the Scrum team.

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Agenda

Part 1:

Agile Development Model and Lifecycle

Product Backlog and Product Owner

Scrum Process Framework

User Stories

Delivery Team

Part 2:

Sprint Planning
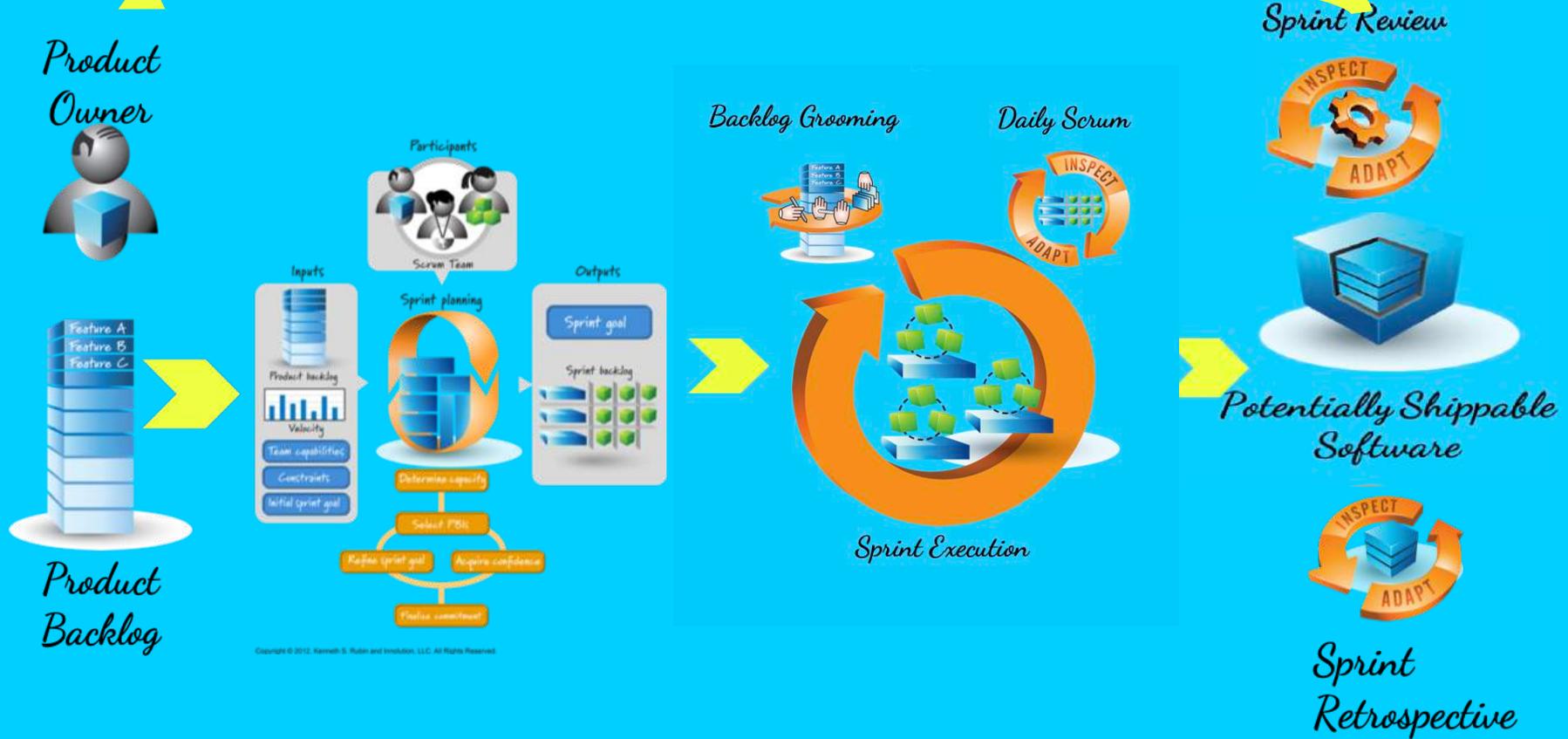
During the Sprint

Sprint Review
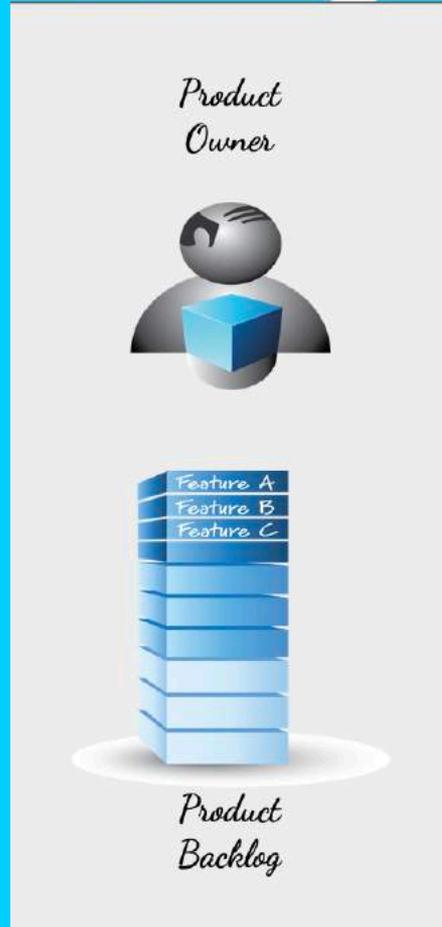
Sprint Retrospective
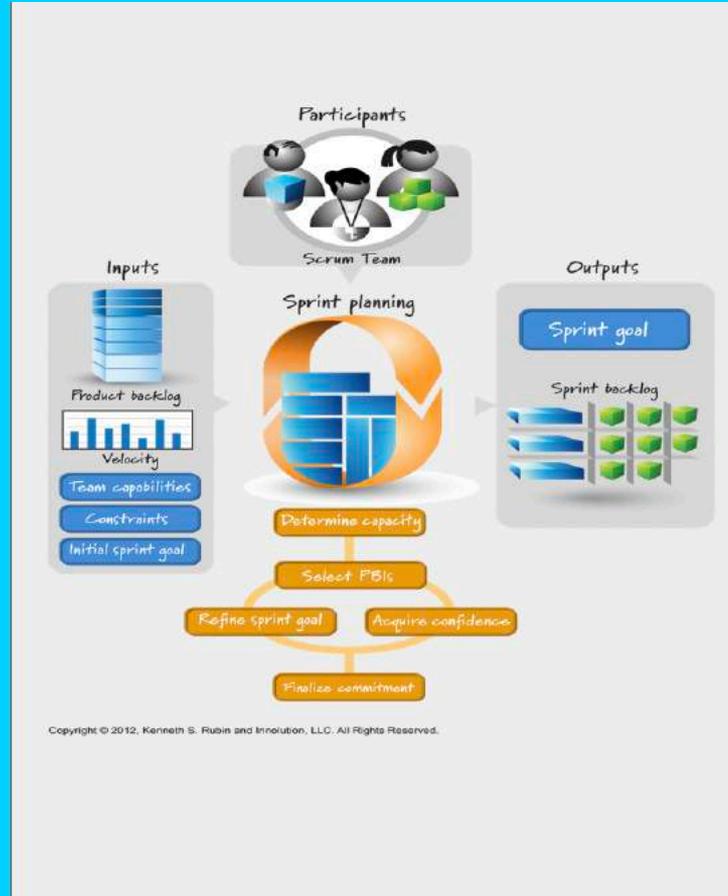
Scrum Values
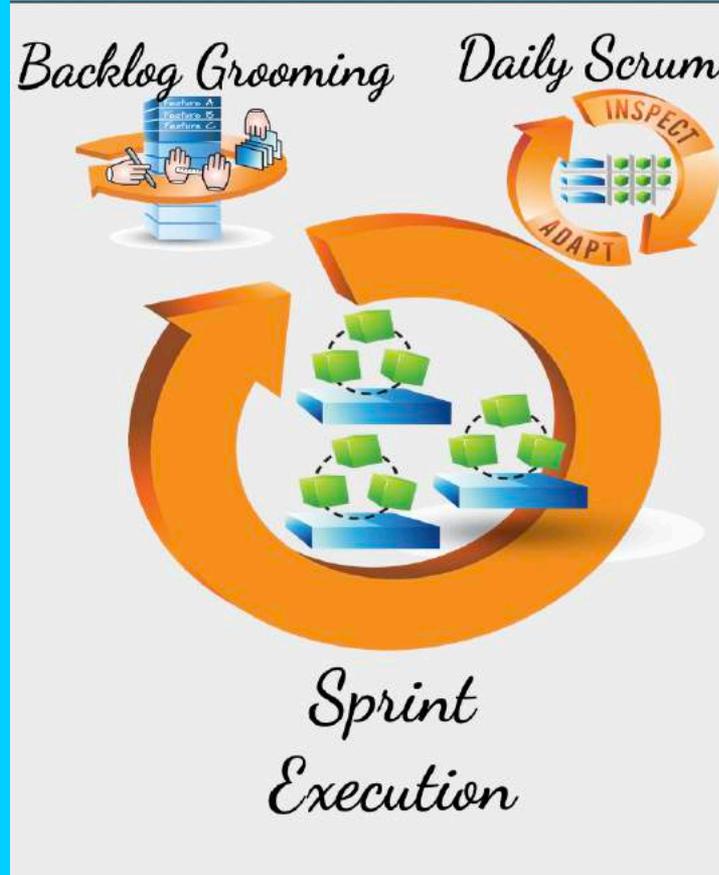
Benefits of Scrum

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Scrum Process Framework

Sprint Review

Product Owner

Product Backlog

Backlog Grooming

Daily Scrum

Potentially Shippable Software

Sprint Execution

Sprint Retrospective

Product Backlog and Owner

Sprint Planning

Sprint Execution

Sprint Completion

Scrum Process Framework

Product Owner

Backlog Grooming

Daily Scrum

Sprint Review

Product Backlog

Sprint Execution

Potentially Shippable Software

Sprint Retrospective

Potentially Shippable Product Increments

Start date

End date

Fixed length

Sprint 1   Sprint 2   Sprint 3   Sprint 4

Timebox of up to
a calendar month

Product Backlog and Product Owner

Feature A
Feature B
Feature C
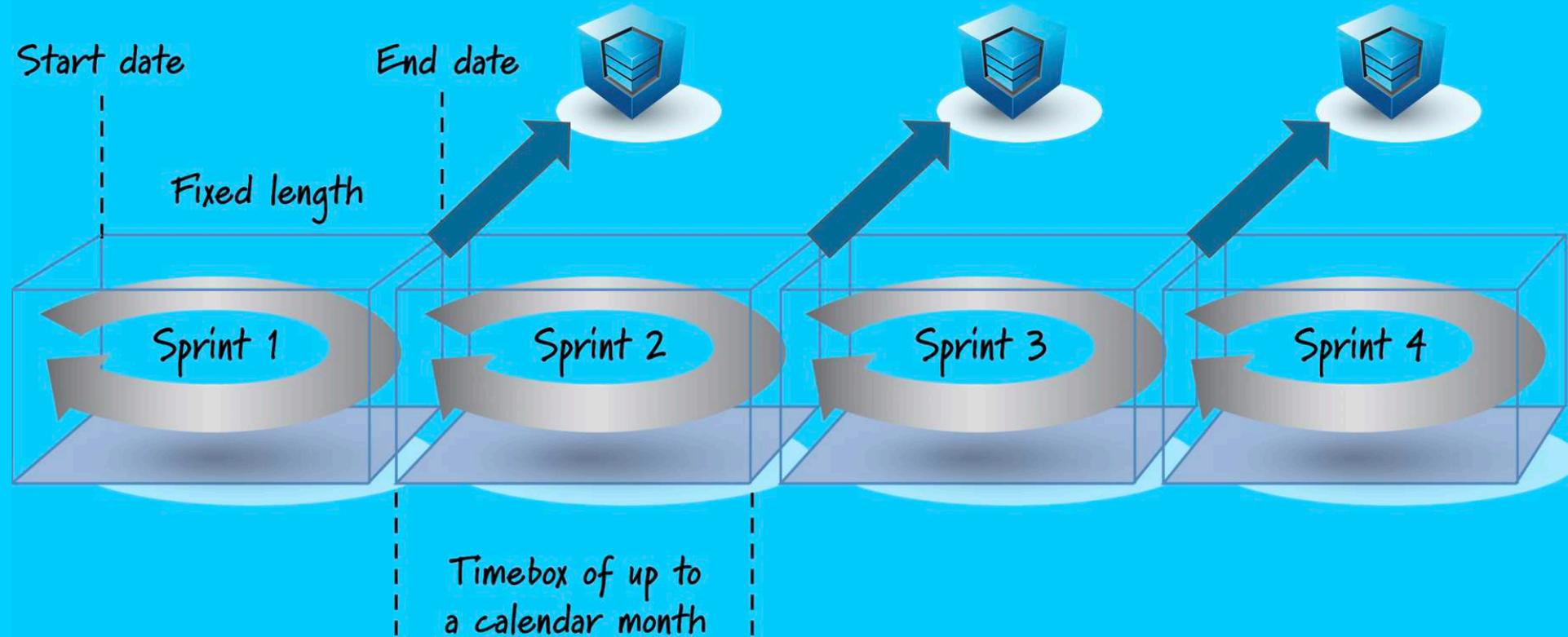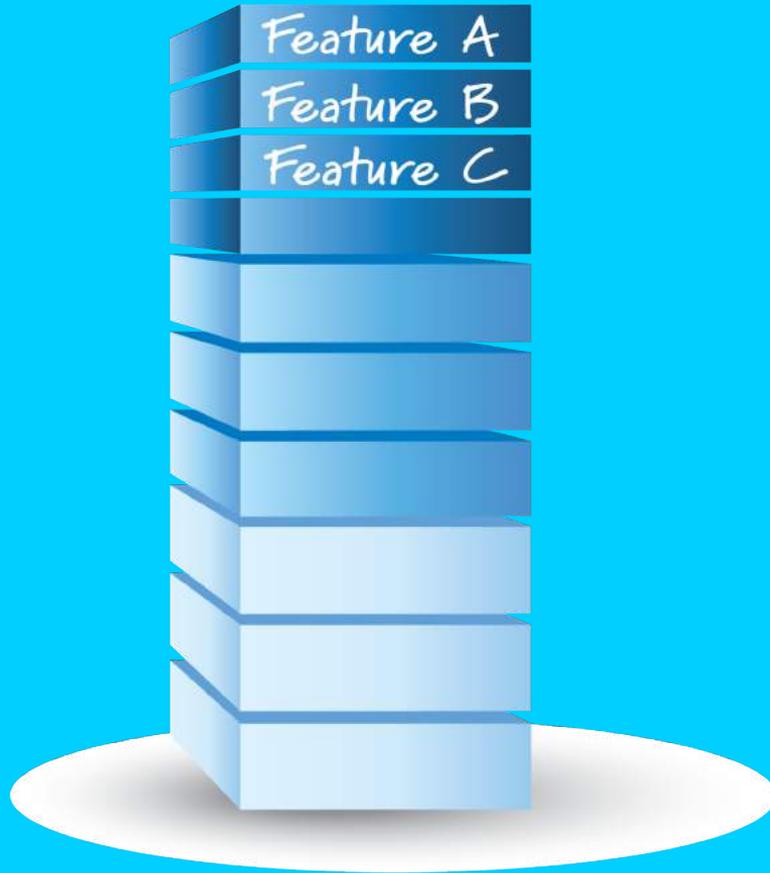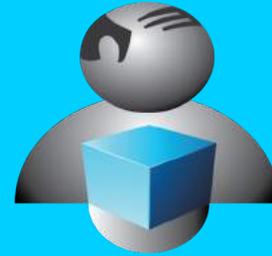
Product
Owner

Scrum Master

- Ordered list of value to be produced

- Primarily used for short- and medium-term planning

- List of *all* work for the team

- Owned and maintained by Product Owner

Product Owner

Responsibilities

- Empowered Action
  - Drive Product Success
  - Product Vision
  - Own the Product Backlog
  - Maximize ROI
  - Define value
  - Prioritize work
  - Accepts work
  - Determine Releases

Activities

- Active Role
  - Sprint Planning
  - Backlog Refinement
  - Sprint Review
  - [Retrospective]
  - [Daily Scrum]
  - Release Planning
  - One per product/team

User Stories

Requirement

6.2 The system shall provide a login page that includes:
- **6.2.1 Username entry with validation**
- **6.2.2 Password entry**
  - **6.2.2.1 Masked**
  - **6.2.2.2 Clear and readable**
  - **6.2.2.3 Password display option select**
- **6.2.3 'Forgot My Password'**
- **6.2.4 'Forgot my Username'**
- **6.2.5 'Create Account'**
- **6.2.6 Lots of eye candy and boilerplate, preferably with cute pictures**
- **6.2.7 Legalese stuff at the bottom in small type**
- **6.2.8 Must follow the established site format guidelines**

Dashboard

As a Program Manager, I want to see a high level summary of program status and issues so that I can easily track and manage for success.

User Story Format

As a < persona >
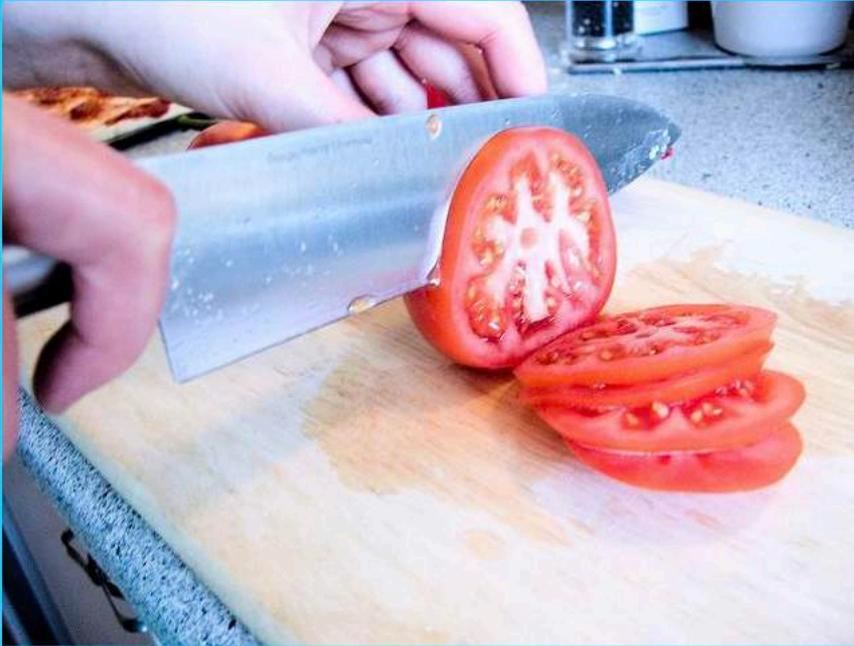I want to < action >
So that < benefit >
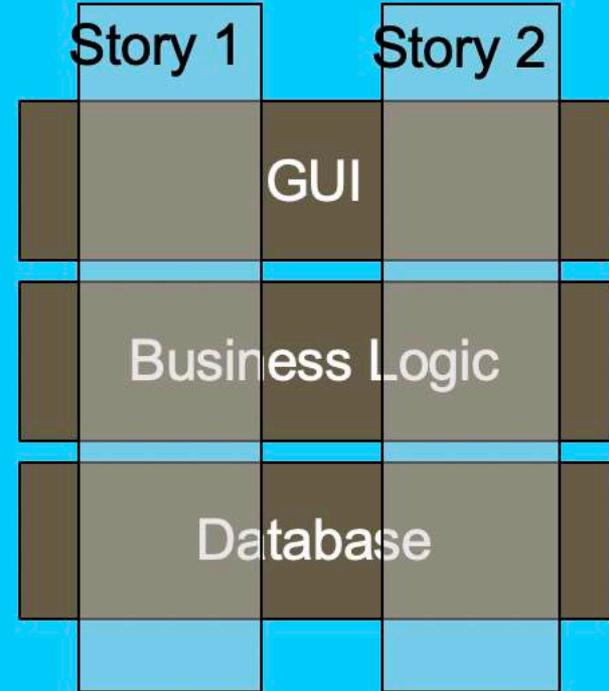
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Acceptance Criteria

Password Display

As a user, I ant to be able to choose whether my password is displayed in the clear or obscured when I login, so that it will be easier to input a long password correctly.

AC: Obscuring character is '∆'

Stories are Slices

https://creativecommons.org/licenses/by-sa/2.0/legalcode

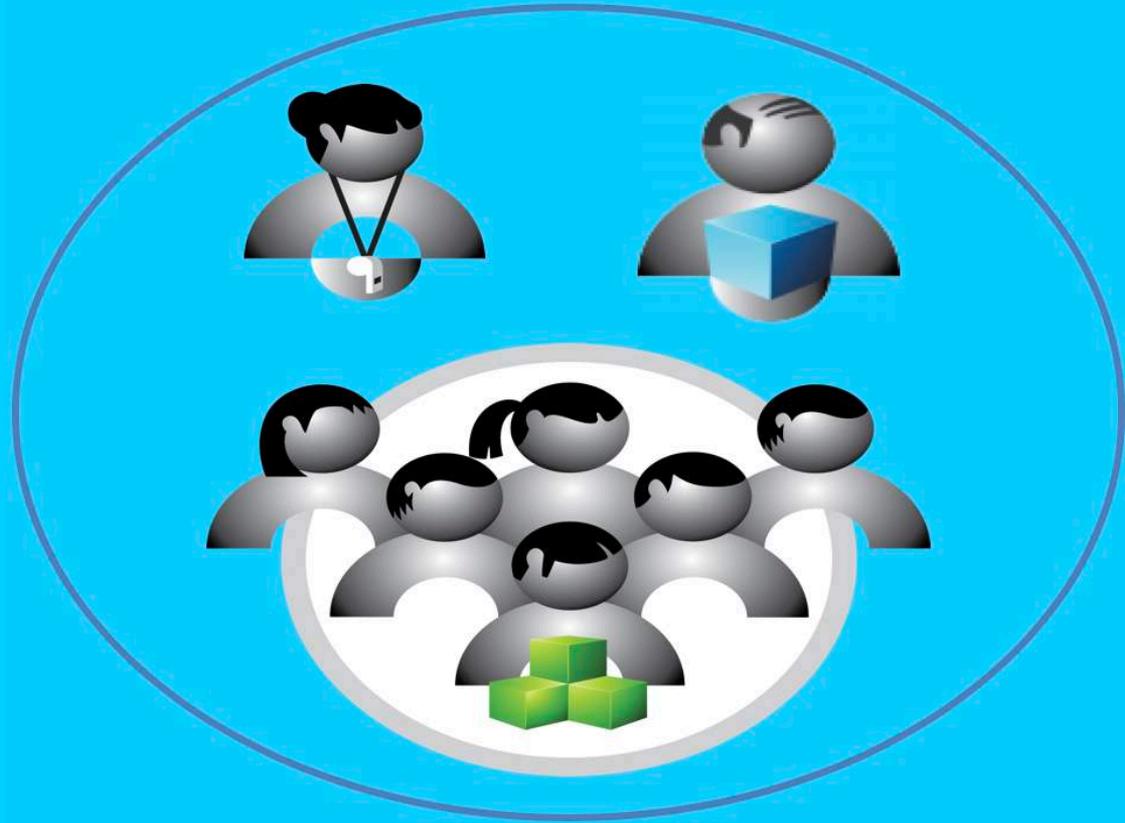| Story 1		Story 2	
	GUI		
	Business Logic		
	Database		

THE SCRUM TEAM

- Long-Lived and Stabled

- Dedicated

- Cross-Functional

- Self-Organizing

- Face-to-Face

- 5 – 9 People

Scrum

Self-Organizing Team

- **Accepts work from Customer**
- **Makes and meets its own commitments**
- **Decides how to do the work**
- **Decides who does the work**
- **Decides how to meet its commitments**
- **Takes responsibility for quality**

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New Team Mindset

Directed

- "Just tell me what to do and I'll do it."
- "I'm done with my part. You finish yours."
- "The boss has the answer."
- "We're doing fine."
- "We can't do that here."

Self-Organizing

- "I think the right thing to do is…"
- "I'm done with my task. How can I help?"
- "We do the work. We have the answer."
- "How can we get better?"
- "Well, what can you do?"

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Information About these slides

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The Visual AGILExicon is used and described in the book: **Essential Scrum: A Practical Guide to the Most Popular Agile Process**.

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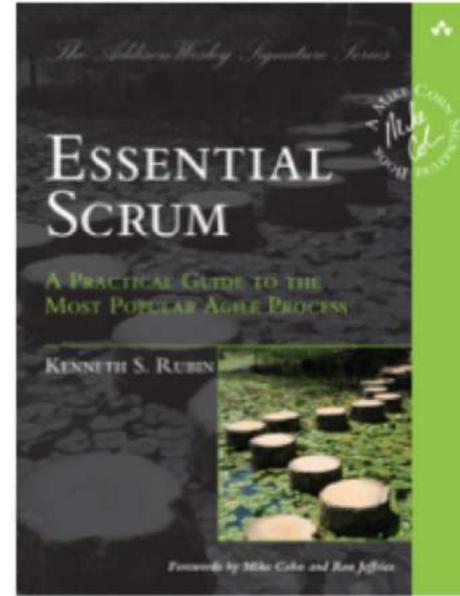
Acceptance Criteria Can Become Stories

Cancel Reservation

As a traveler, I want to cancel my whole reservation easily, without having to cancel each piece, so that I can save time and avoid errors.

Acceptance Criteria

- Cancel >24hrs before travel begins
- Charge 10% fee
- Ask "are you sure"
- Display confirmation of what has been canceled
- Process cancellation within 4 hours
- No email confirmation yet