Drupal Contract to Agile Drupal

Blackstone Drupal Team

Agenda

What We Will Present Today

1:00 PM

- **Introduction**
- **Why Apply Agile to Drupal Development**
- **Sprint 0 Model**
- **Sprint Cadence**
- **Definition of Done**
- **Drupal Product Roadmap**

1:15 PM **Simulation to Produce A Drupal Prototype Site**

1:40 PM **Concludes and Summarizes the session**

1:45 PM **Break and ready for next session**

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About Us and Our Experiences

Presenter:
Saya Sone

Business Contact:
Mari Spyker

USDA United States Department of Agriculture
Food and Nutrition Service

ChooseMyPlate.gov

FEMA

What's Cooking? USDA MIXING BOWL

TEAM NUTRITION • USDA

U.S. Department of Homeland Security

Transportation Security Administration

U.S. Immigration and Customs Enforcement

U.S. Immigration and Customs Enforcement

USDA Agricultural Marketing Service

USDA United States Department of Agriculture
Center for Nutrition Policy and Promotion

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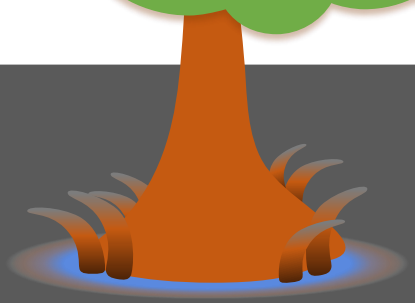
It's Your Session!

Web Dev
Front-end Dev
Back-end Dev
Web Designer
Information Architect
Business Analyst

UX Designer
Project Manager
Product Owner
Scrum Master
Tester
All of the above



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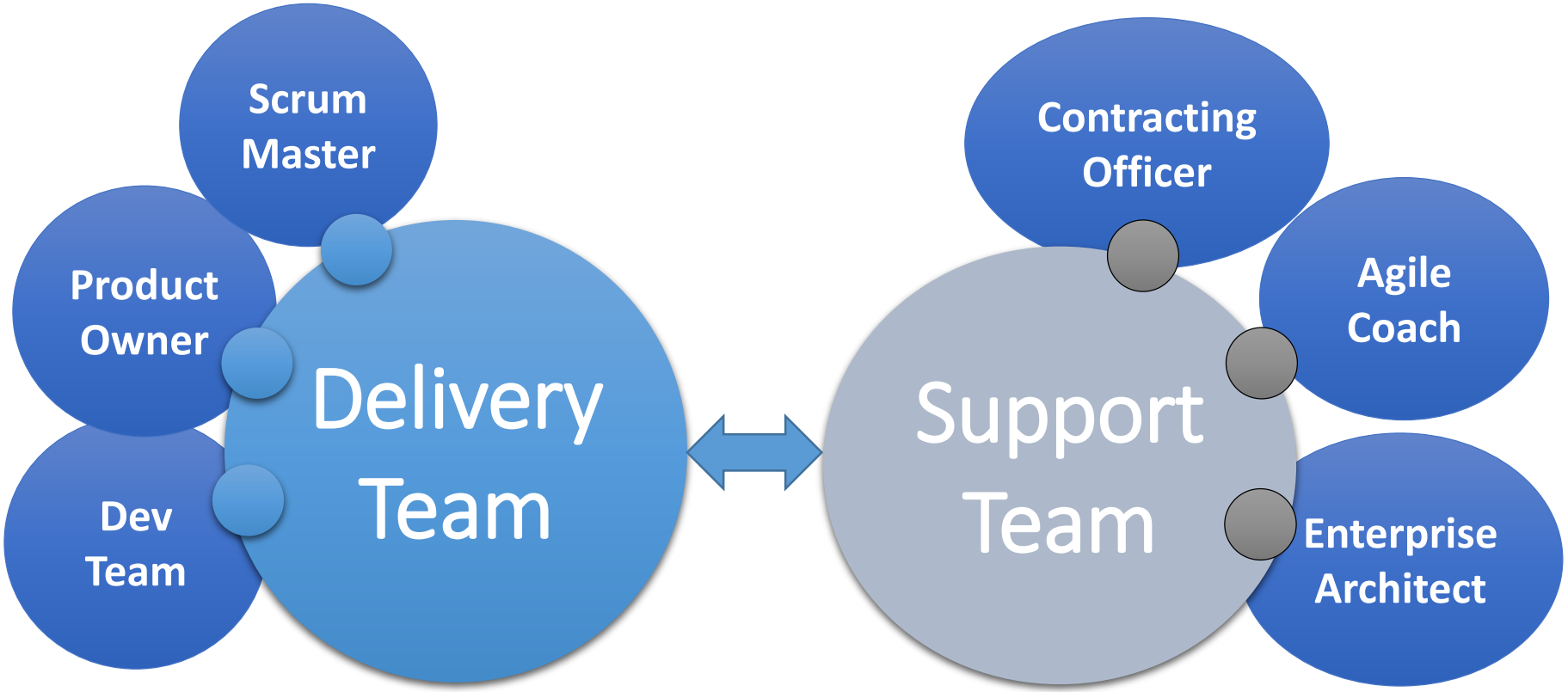
Agile Simulation Team



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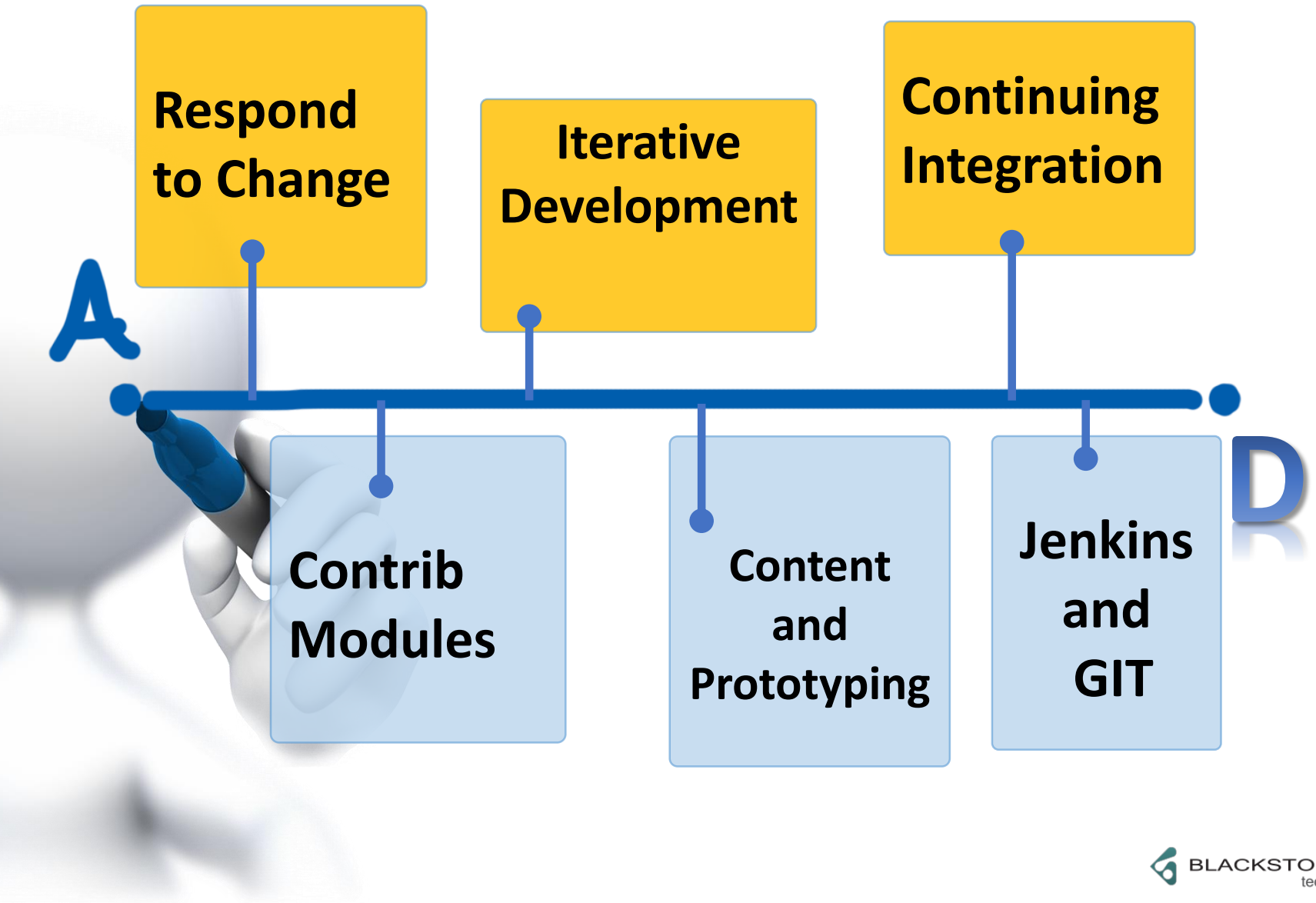
Why Apply Agile to Drupal Development



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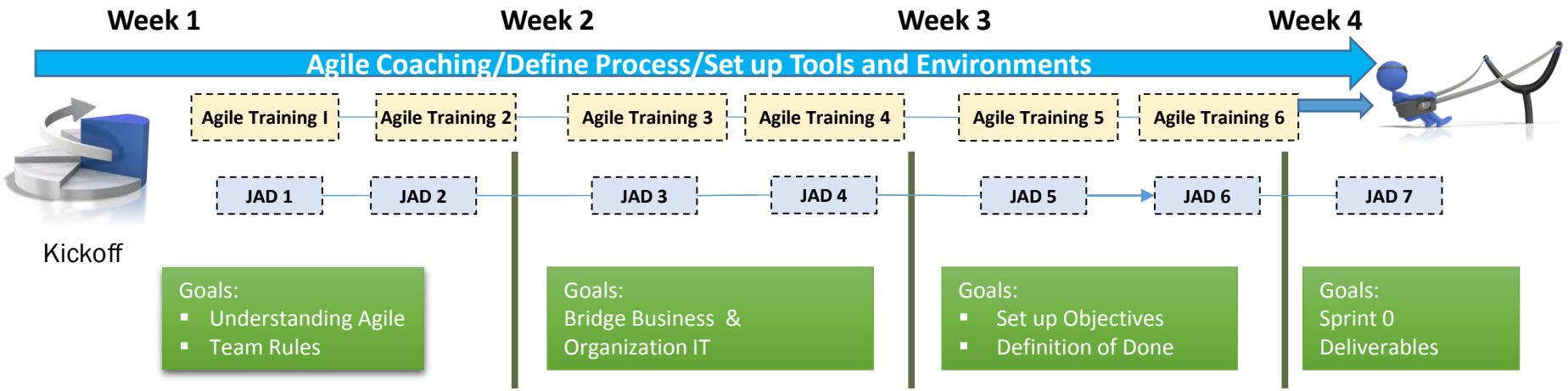
Sprint 0 Model At a Glance



Agile Training Outline

- Agile Overview
- User Story Writing workshop with INVEST
- Acceptance Criteria
- Agile Estimation using Fibonacci
- User Story Prioritization through MoSCoW Model
- Definition of Done

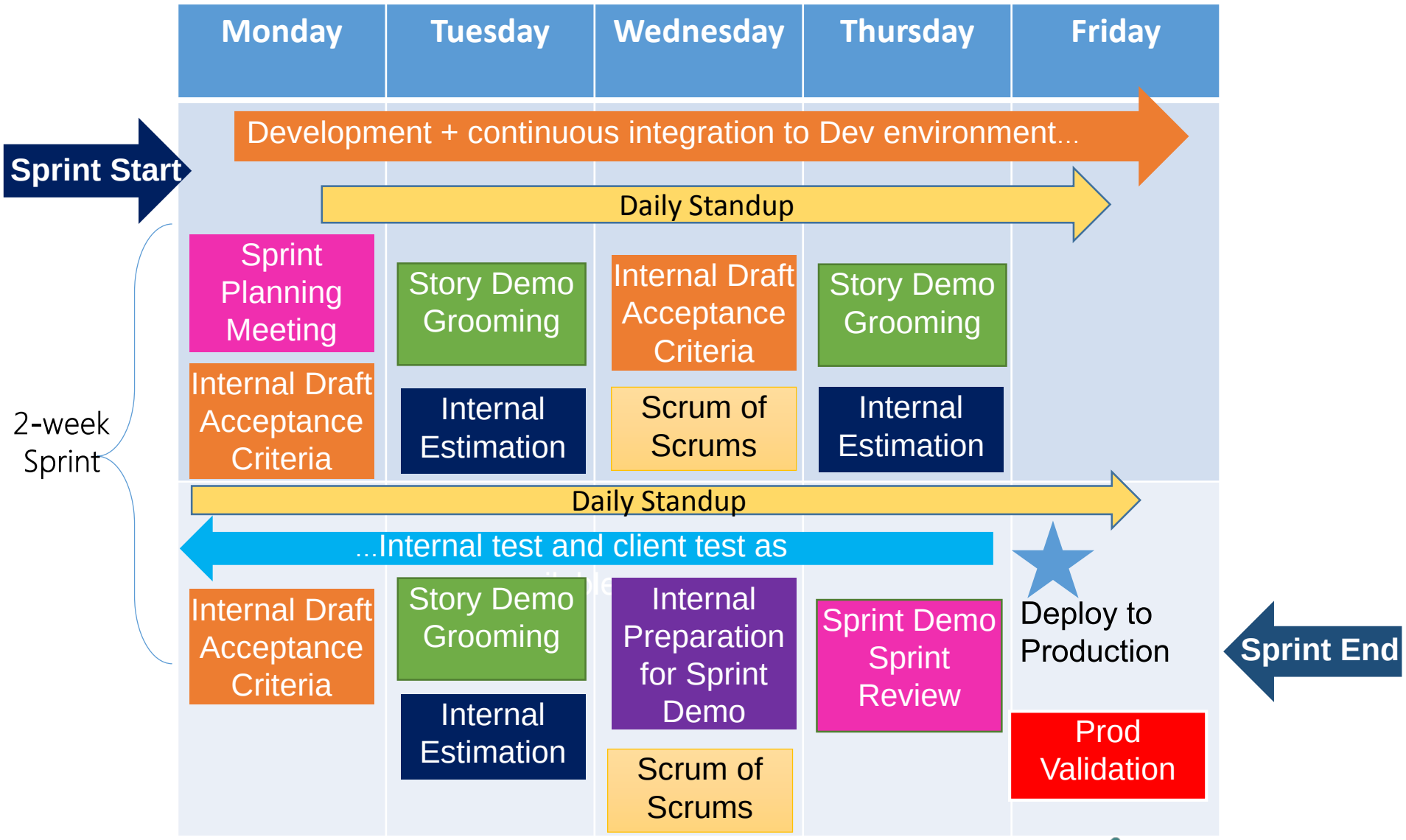
Joint Application Design (JAD) Outline

Initiate Agree Plan	Identify functional prototype
Create Functional prototype	Review functional prototype

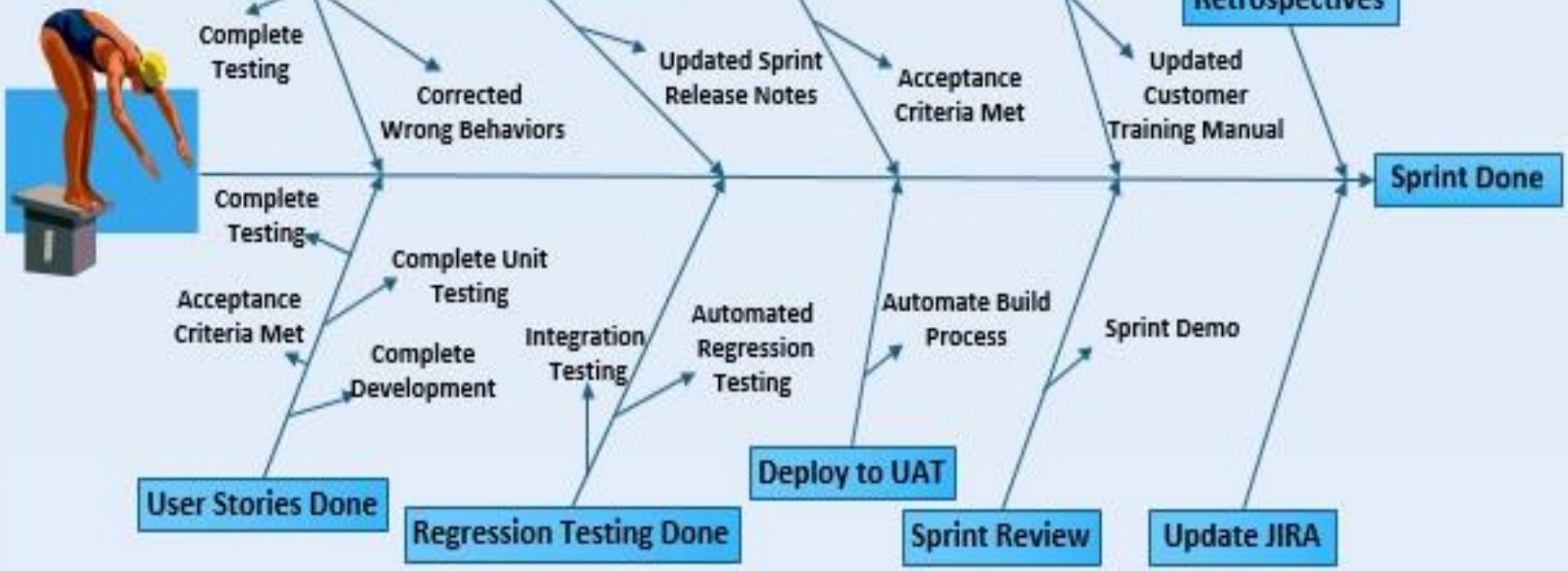
Sprint 0 Deliverables

- ✓ Product Backlog
- ✓ Gap Analysis Document
- ✓ Architecture Design Document
- ✓ Governance Workflow Process and Design Document
- ✓ Definition of Done
- ✓ Product Roadmap

Sprint Cadence



Sprint Definition of Done



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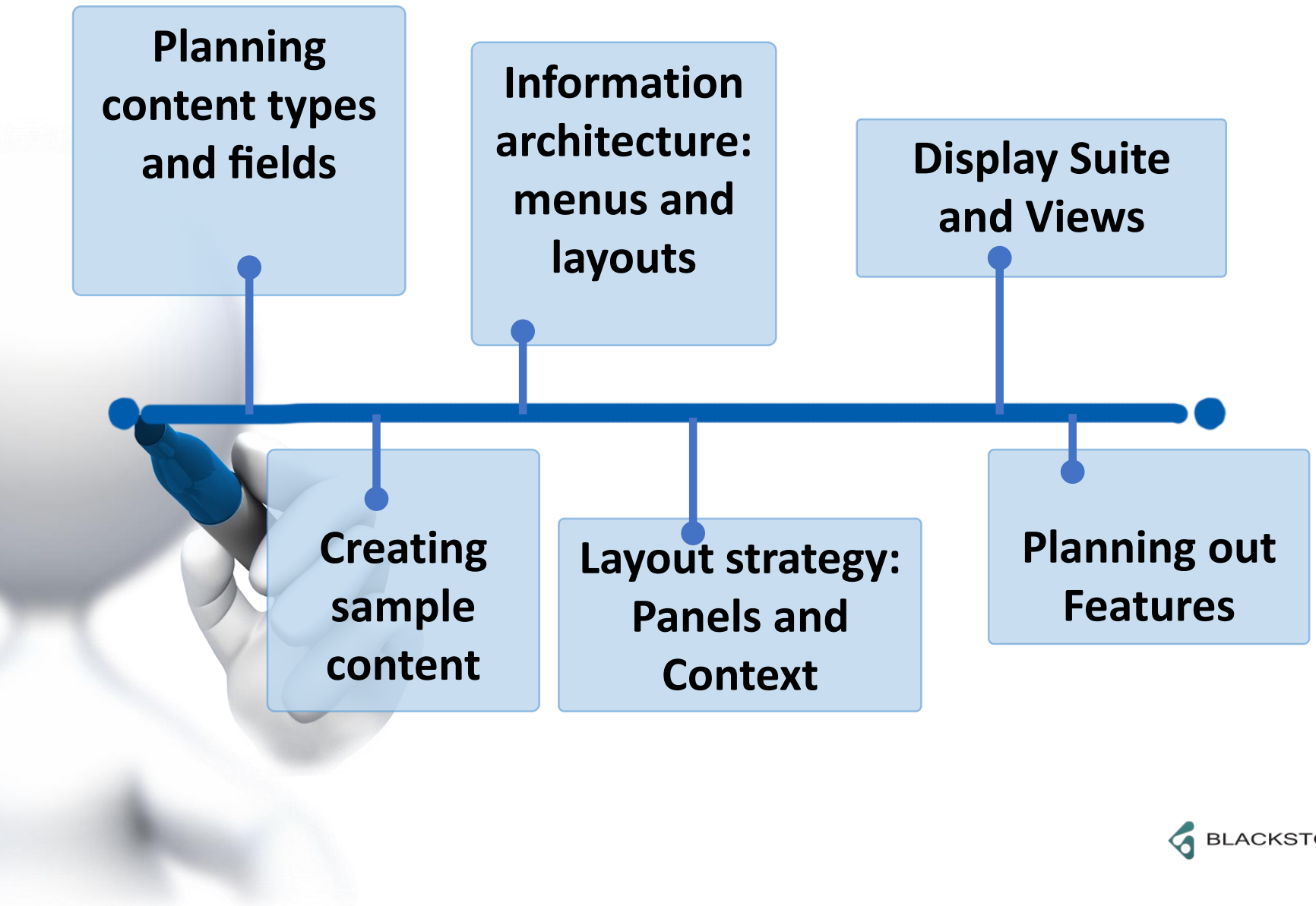
Prepare Drupal Product Roadmap



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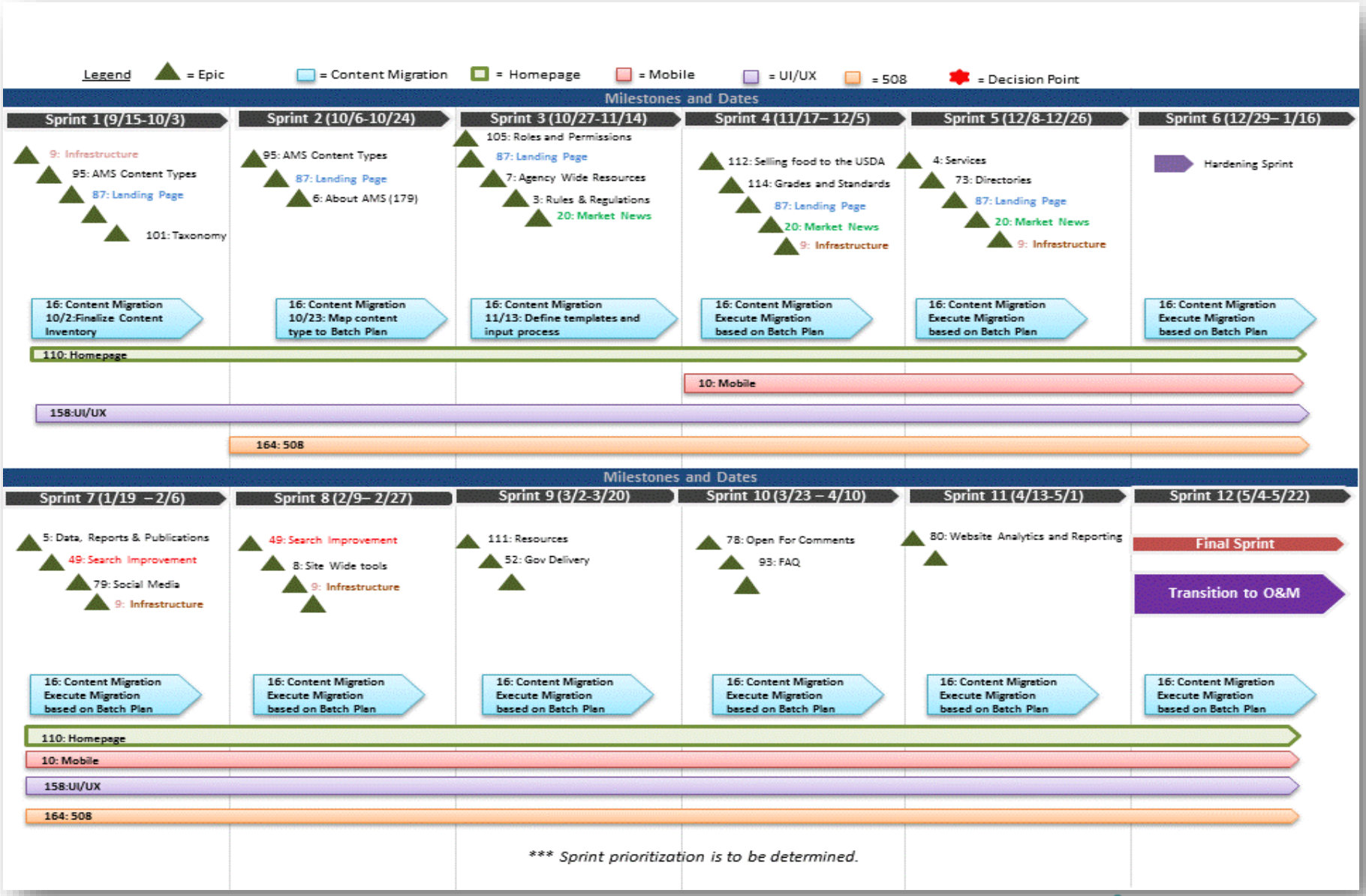
Sample Roadmap



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JAD Simulation

Our team just won a Drupal Contract. We start **Sprint 0**.

Objective: Complete a site prototype for **an animal exhibition site**

Activities:

- Form several teams to build different **templates**
- Each **team** contains three roles, development team (Drupal SME, BA, Tester), a Product Owner, and a Scrum Master
- Post User Stories, Spikes, Risks, Infrastructure, Stories with Dependencies, and NFR (Non-Functional Requirement) on team's Kanban board
- Present the **Prototype** based on the Acceptance Criteria
- Report **Metrics**

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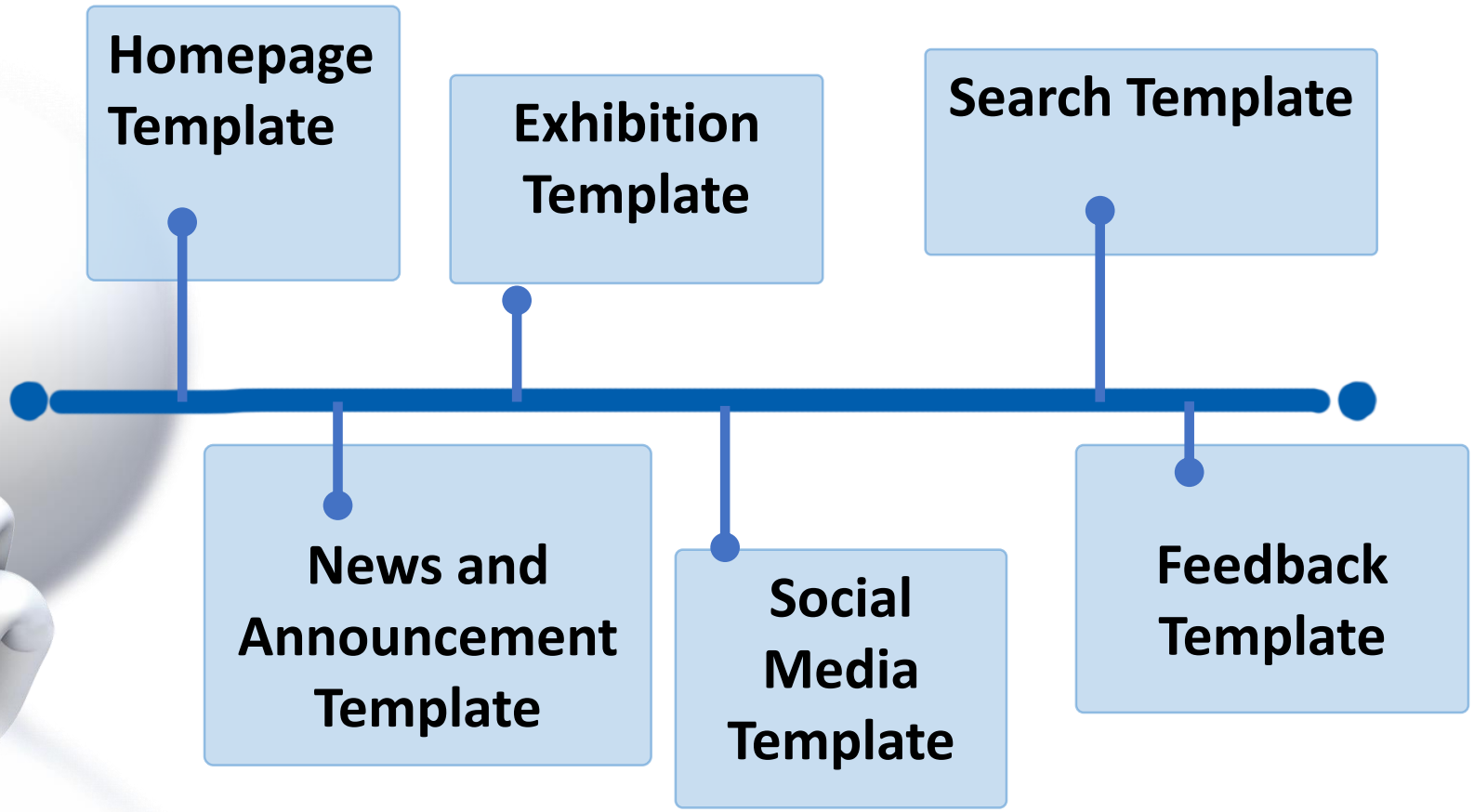
Simulation Template – Zoo Exhibition



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Sample Drupal Modules

Theming	Content	Structure	Data	Layout
• Look and feel • CSS	• Calendar • Ratings • Video • Slider	• Image on Front Page or Full Page • Structure Content (Title, Image, Body text, Locations, Tags	• Articles • Comments • Terms • User	• Site Path • View Mode • Region • Blocks

Template's Acceptance Criteria

- Title
- Content
- Layout (Menu Position)
- Footer

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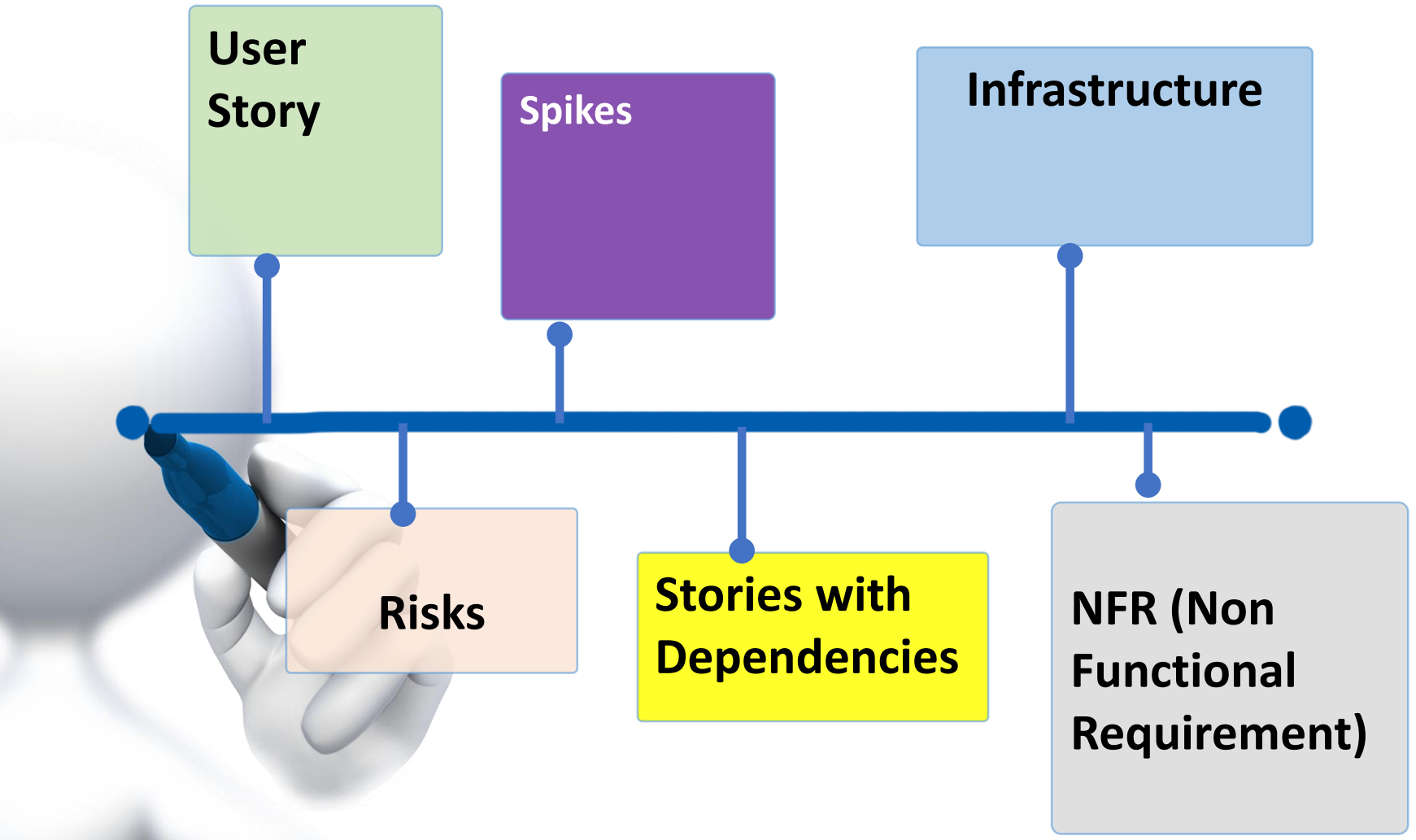
Team's Kanban Board



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Begin Simulation

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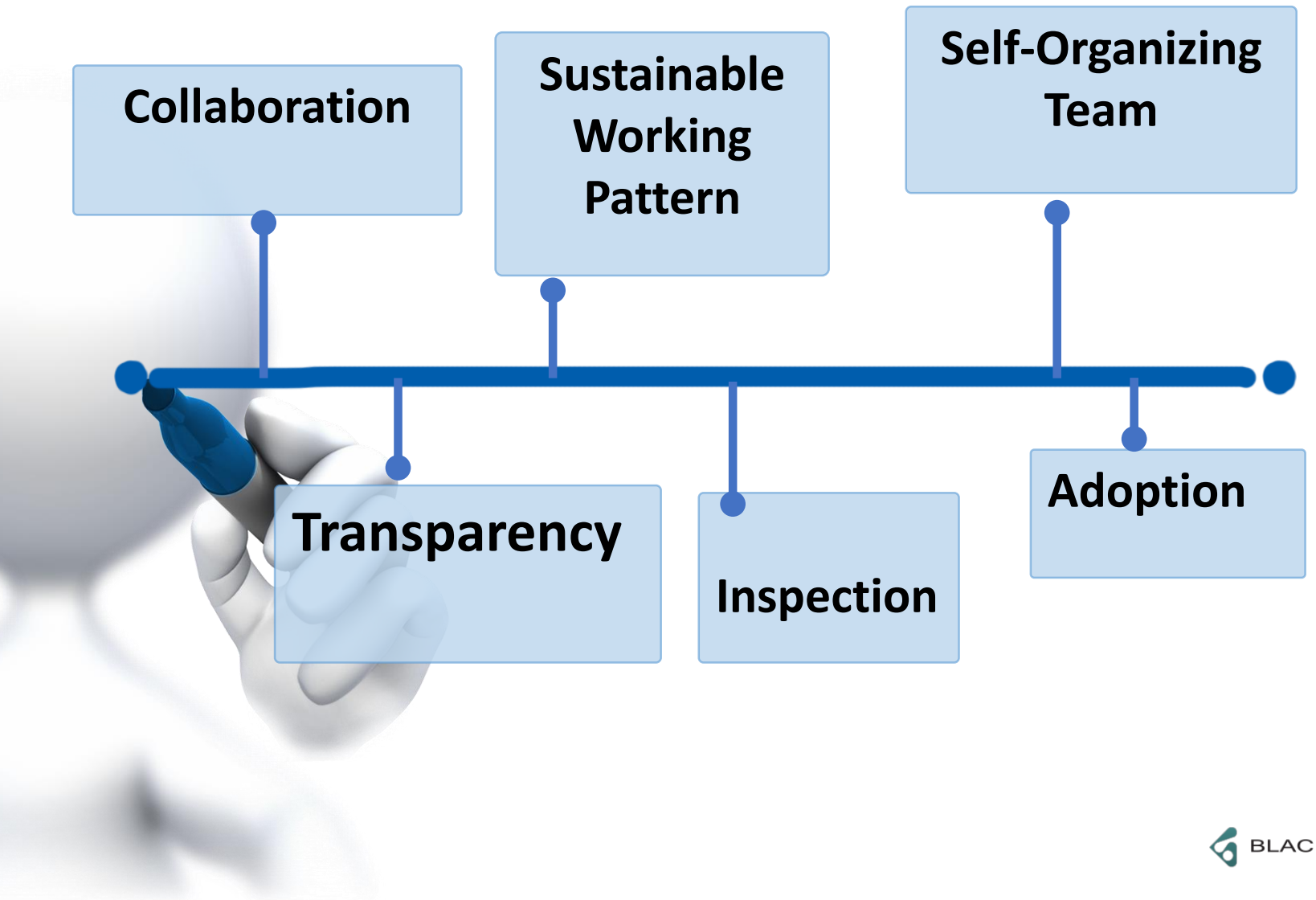
What is Your Aha Moment?



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Questions and Survey

Feedback:
http://goo.gl/forms/B5csJE6Fcx

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