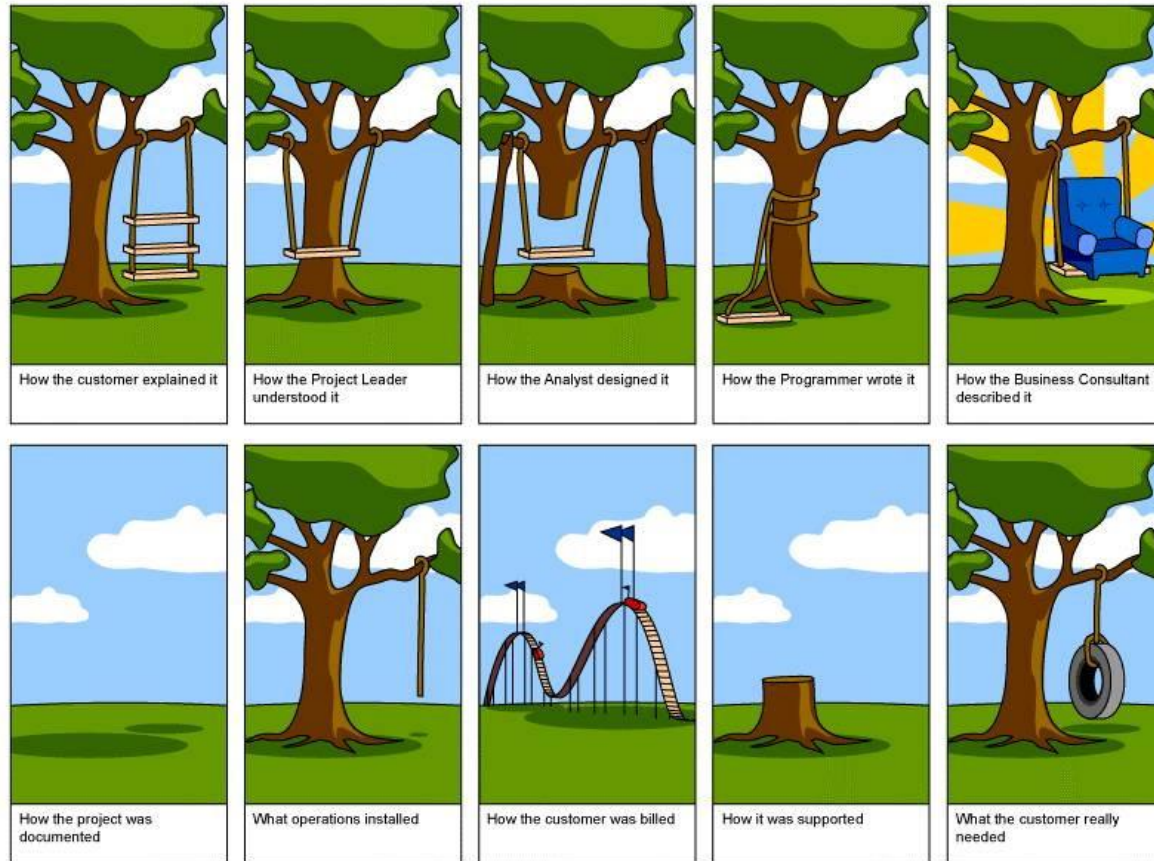


The QAW

Quality Attributes Workshop

An Approach to Architecture Requirement Gathering



There is always a set of implicit requirements that clients/users expect but can rarely articulate during the requirements phase of development.

Quality Attributes Workshop



The QAW is a facilitated method that engages system stakeholders early in the life cycle to discover the driving quality attributes of a system.

Quality Attributes Workshop

1. Business Drivers
2. Architectural Plans

QAW

1. List of architectural drivers
2. List of raw Scenarios.
3. Prioritized list of raw scenarios.
4. Refined scenarios.



Project Manager

Business
Presentation

Architectural
Plan
Presentation



Architect

Identification of Architectural Drivers
{ Assembled from listening to the presentations }

Key Functional Req.,
Quality Req.,
Business Req.

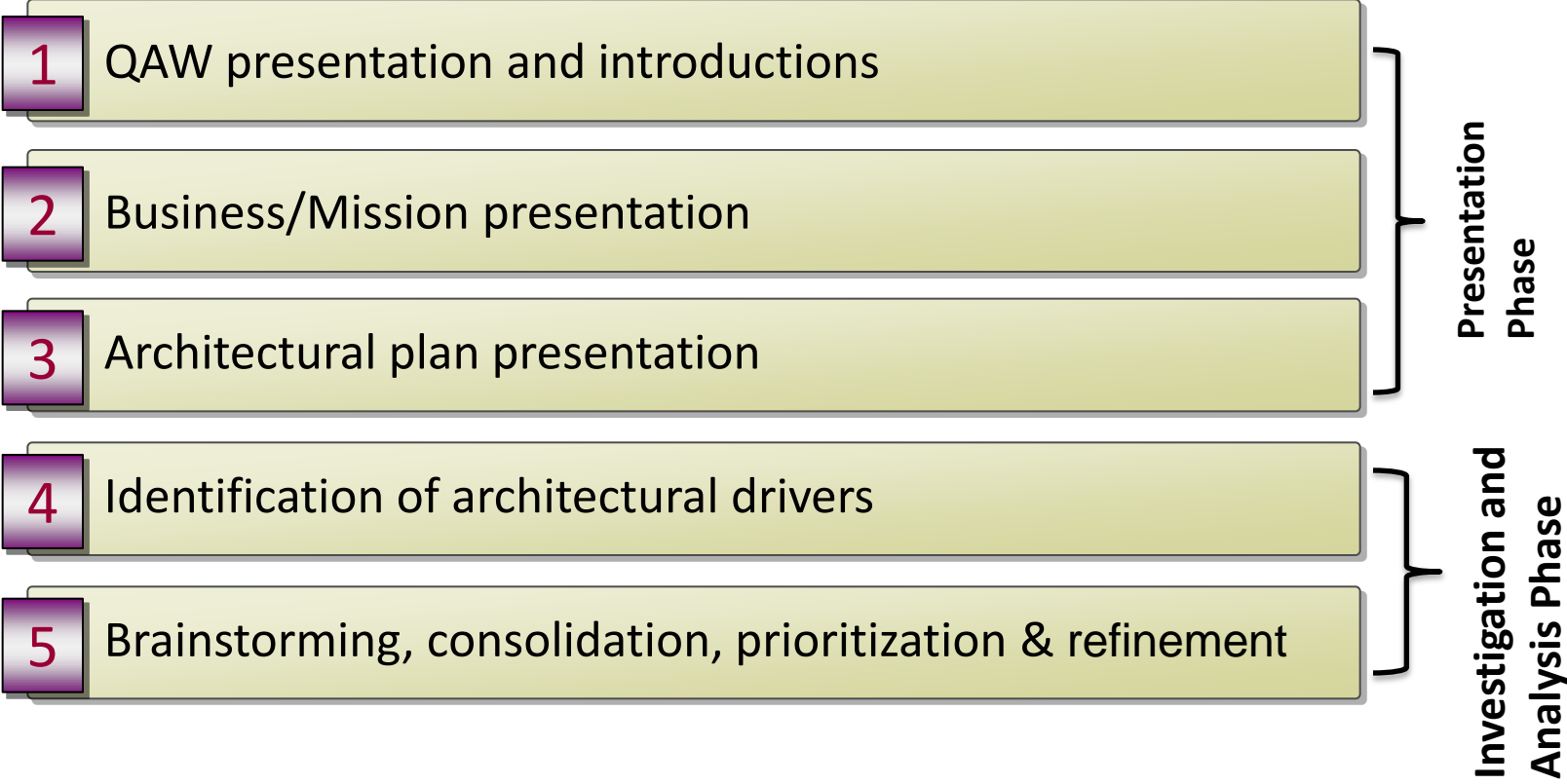
Scenario brainstorming
{ *At least one scenario per architectural driver.* }

Collect scenarios,
not attributes.



Team

Quality Attributes Workshop



Identification of Architectural Drivers

- Facilitators present the information captured in steps 2 and 3:
 - High-level key requirements
 - Business/mission drivers
 - Goals and objectives
 - Quality attributes
- Stakeholders
 - Clarify
 - Add
 - Delete
 - Correct

Brainstorm Scenarios

Do at least two round-robin passes.



Facilitators ensure there is at least one scenario per architectural driver.

1 Day Workshop Schedule	
10:00 – 11:20	QAW Presentation (Analysis lead)
	Business Presentation (Project manager)
11:20 – 11:30	10 minute break
11:30 – 12:30	Architecture Plan Presentation (Architect)
	Identify Architectural Drivers
12:30 – 1: 30	Lunch
1:30 – 1:50	Seed Scenarios
1:50 – 2:00	10 minute break
2:00 – 3:00	Scenario brainstorming
3:00 – 4:00	Scenario consolidation
	Scenario prioritization
	Scenario refinement
4:00 – 4:30	Adjourn for the Day

Appendix

Identification of Architectural Drivers

Agenda	<p>The facilitators share their list of key architectural drivers that they have assembled from listening to the presentations during steps 2 and 3.</p> <p>Key architectural drivers that include high-level requirements, business drivers, constraints, and quality attributes.</p>
Goals	<p>Facilitators take a break from the main group and consolidate notes. The documented important architectural drivers are presented back to stakeholders for consensus.</p>

