

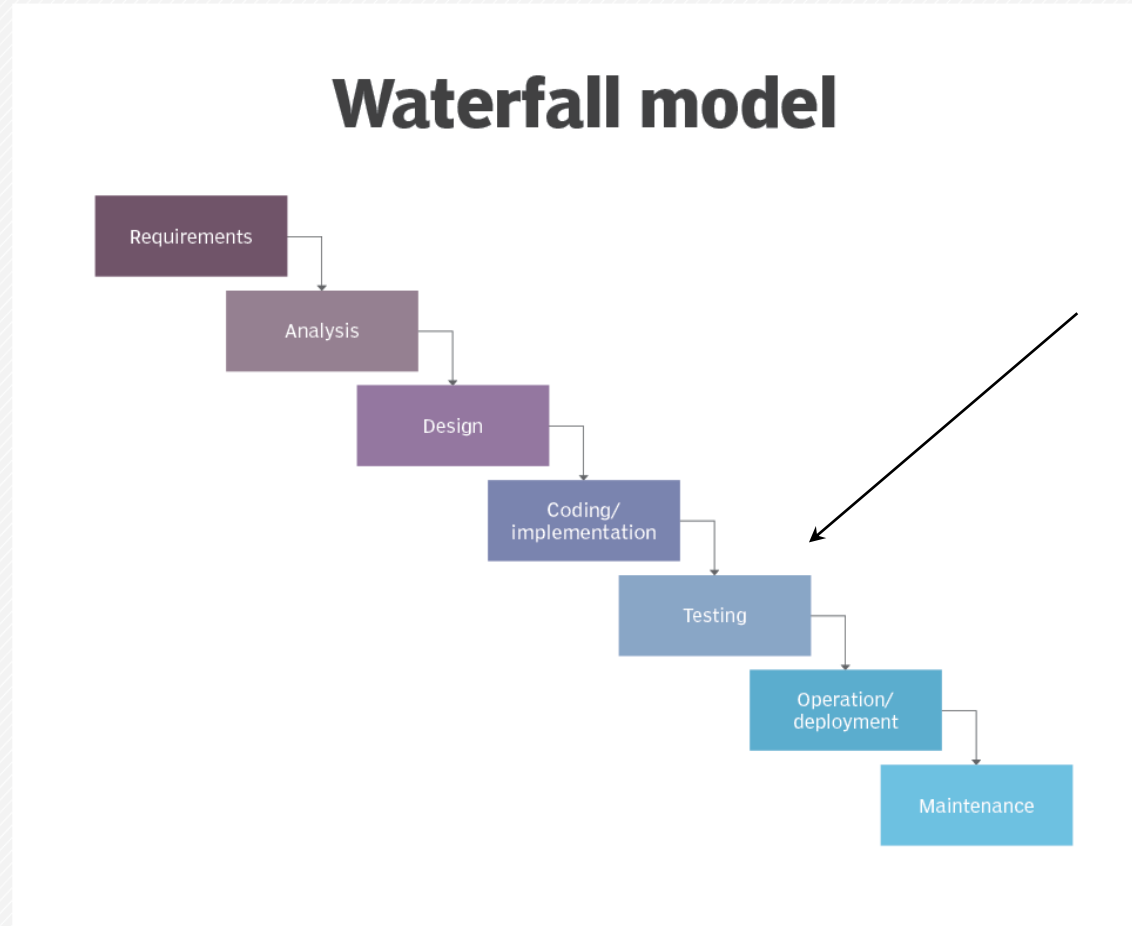
Abstract geometric lines in black on a white background, forming various overlapping polygons and shapes, primarily concentrated on the left side of the page.

SCRUM FOR SQA

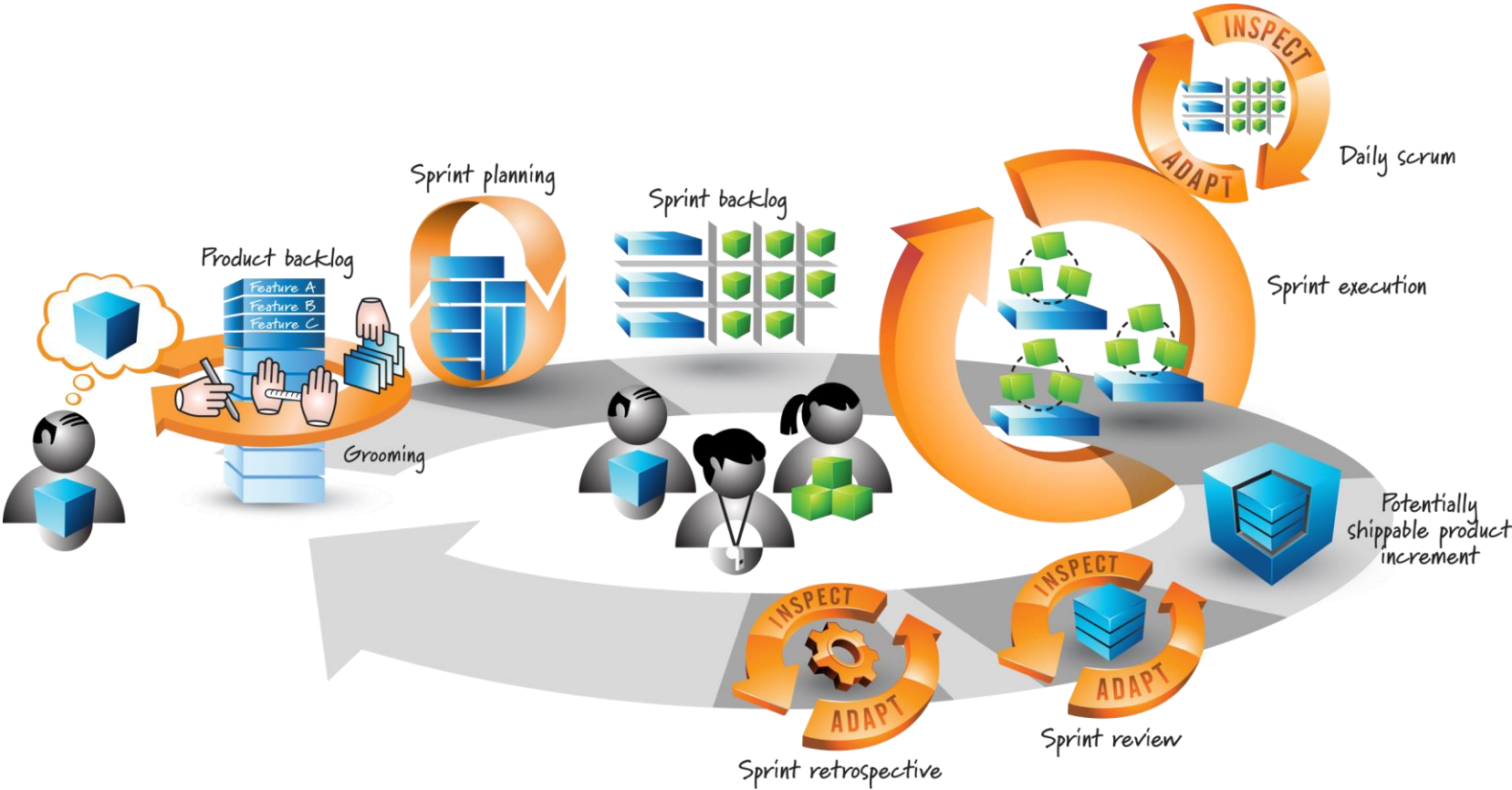
A BRIEF INTRO

James Smith

WATERFALL DEVELOPMENT

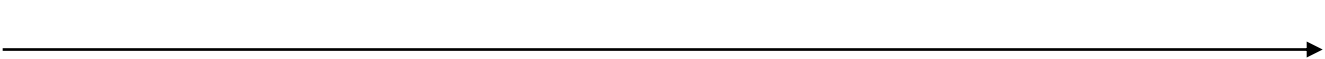


SCRUM FRAMEWORK



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Def of
Ready

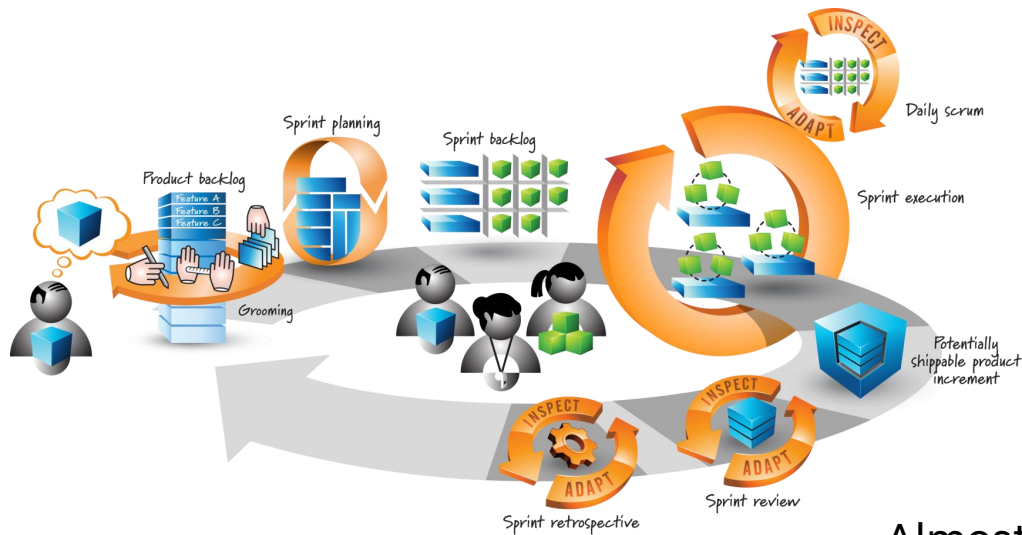


Def of
Done

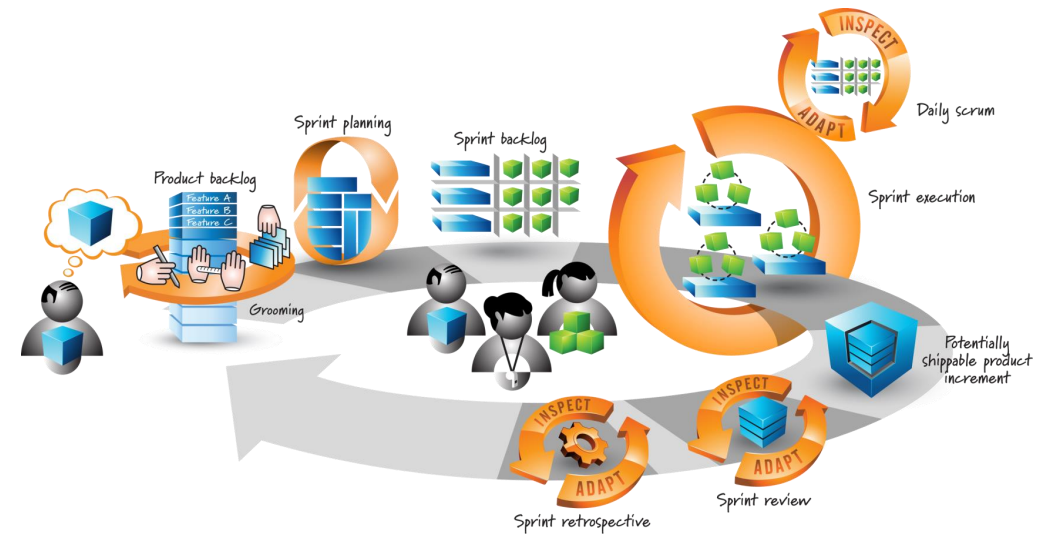
SNEAKY ANTI-PATTERN

Sprint 1 –
Dev is executing
SQA is waiting for Sprint 2

Sprint 2 –
Dev is executing on new work
SQA is testing work from Sprint 1



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Def of
Ready

Almost
Done
Velocity = X

Def of
Done

WHAT TO DO?

Sprint Planning Whiteboard Template

Sprint Planning for Mech Loco

Sprint #	32
Date	8/19/18
Velocity	21

Committed Stories (100% velocity)

Story #	Points
EAM-744	8
EAM-745	5
EAM-751	8

Stretch Stories (50% velocity)

Stretch Stories (50% of Velocity)	Points
Story #	
EAM-756	8
EAM-760	3

Definition of Done Includes

0 escape defects
80% Unit Test Code Coverage
100% Functional Automated Test Coverage

Daily clean code!

Agreements

Standup: 0830
Backlog Grooming: Wed 1330
Sprint Review: 9/2/18 1100
Retrospective: 9/2/18 1330
Feature Freeze Date: 8/27/18
Code Freeze Date: 9/1/18
Agree to Unit Test First

Sprint Backlog

Story #	Description	Points	Implementation Plan	Est. Hrs.
1) EAM-744	Create Loco Inspection	8	T1) Build questionnaire UI T2) Save Data to DB T3) Implement crud in API call T4) Write acceptance test code	16 7 12 12
2) EAM-745	Retrieve Inspection Issues	5		
3) EAM-751	Inspection Metrics Report	8		
4) EAM-756	Enter Inspection Data via Mobile Device	8		
5) EAM-760	Warehouse inspection after 90 Days	3		

Build out full implementation plan for committed stories. Can stories be "swarmed?"
TEAM COMMITMENT

Emergency Procedures

- 1) If task is taking 2x estimate, try pair programming (PP).
- 2) If PP doesn't work, swap tasks with another team member.
- 3) If by Day 3 in sprint and 1 day behind drop lowest priority story.
- 4) If PO needs to add story, and story is sprint ready, do equitable exchange with other stories in sprint backlog.
- 5) Abort sprint, notify customer of release plan slip, go immediately into sprint planning.

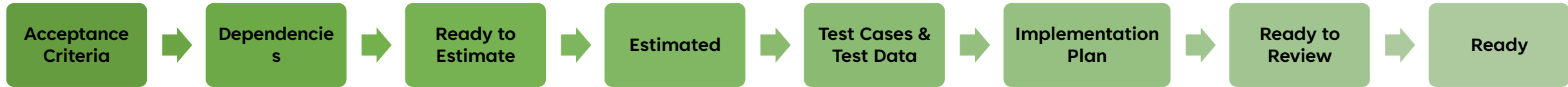
Capacity Plan (max 64 hrs per 2-week sprint)

Team Member	Hours
Charles	64
Harrison	40
Dennis	32
Thomas	50
Sanjay	48

Last chance to determine sprint backlog!

If you have additional capacity for stretch stories, build out implementation plan for those stories as well

SQA MUST ENGAGE EARLY



Def of
Ready