

Independent QA in Agile

29 June 2017

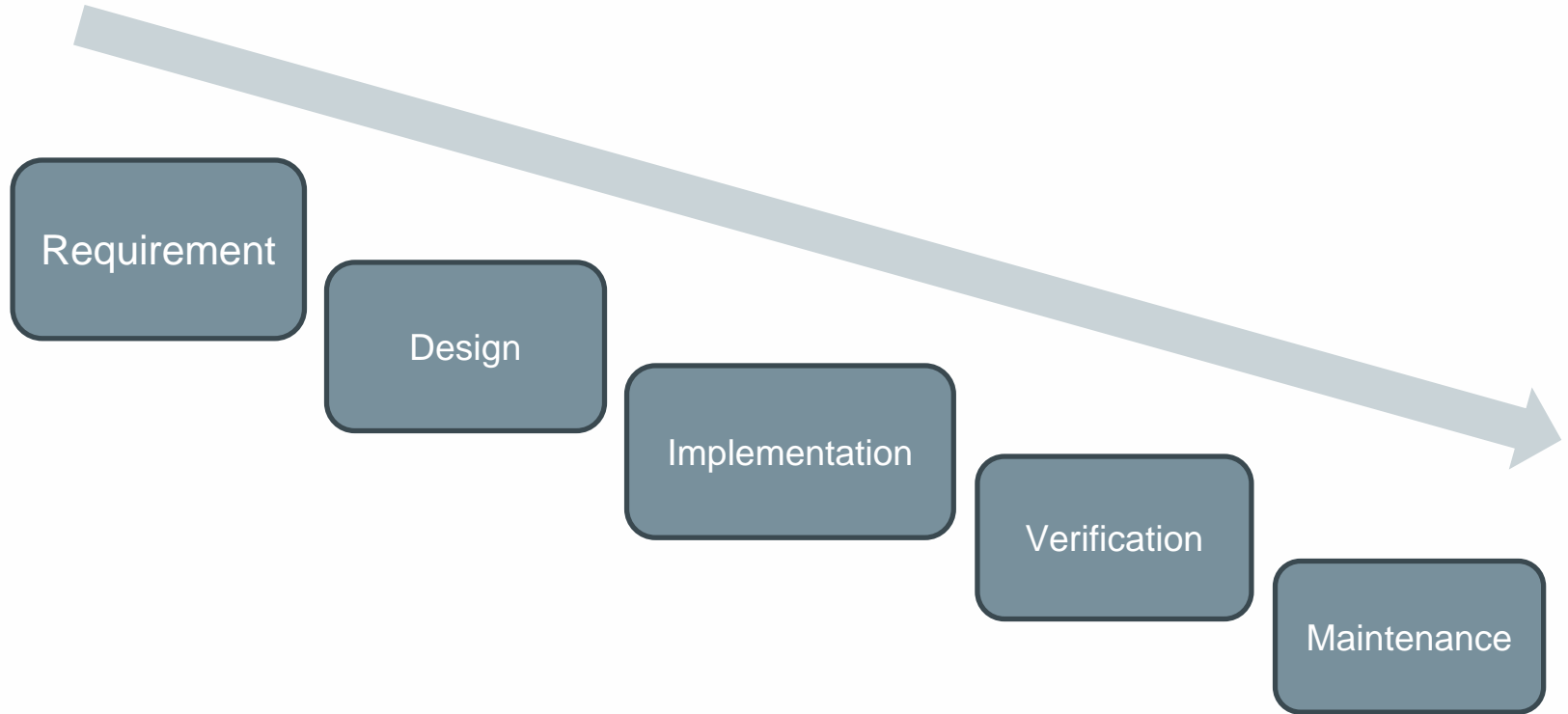
Anton Sitnikov, Chief Software Architect, Exactpro, LSEG

Open Access Quality Assurance & Related Software Development for Financial Markets

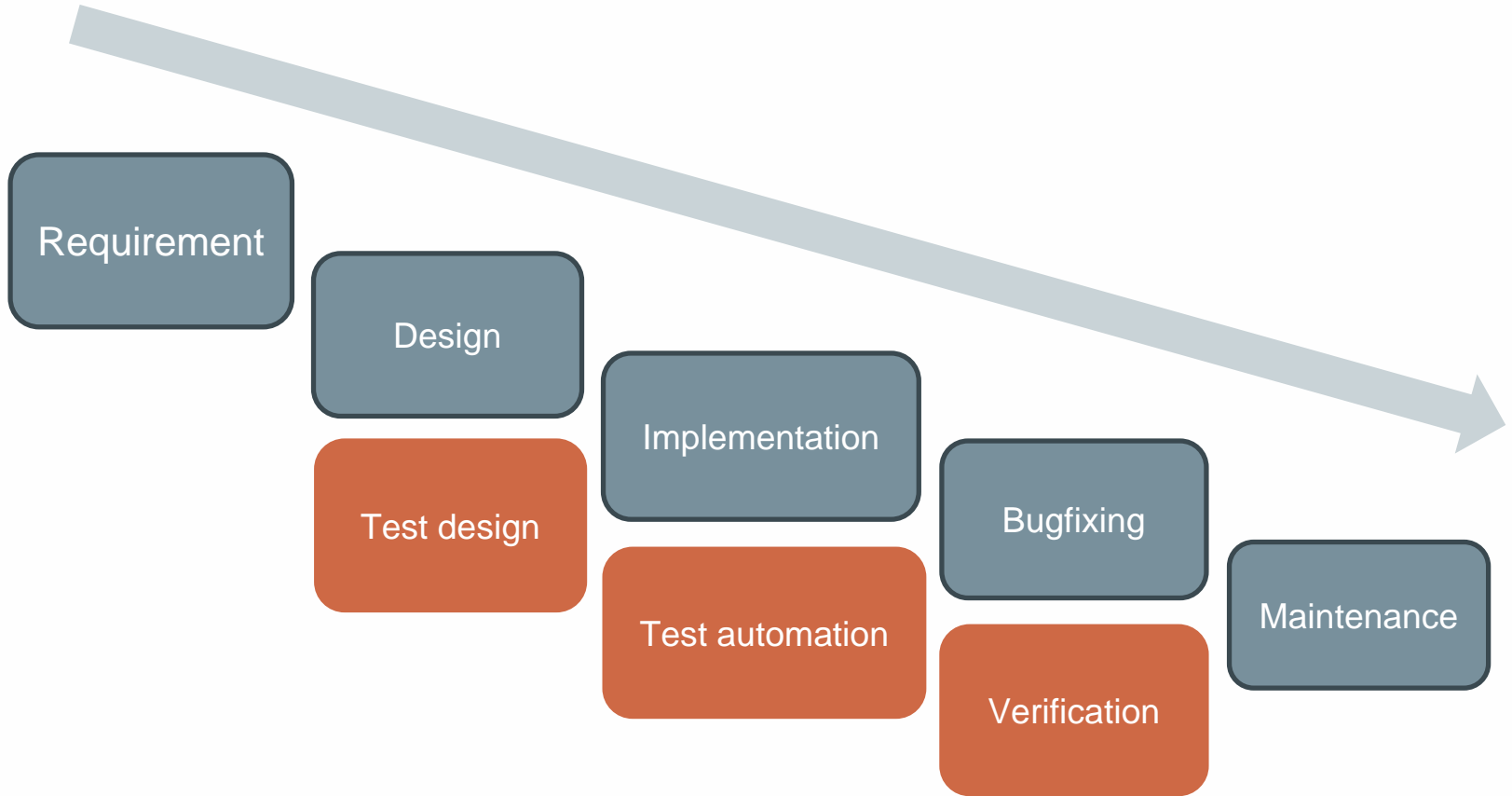
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Waterfall Model



Waterfall Model



Roles in Waterfall Model

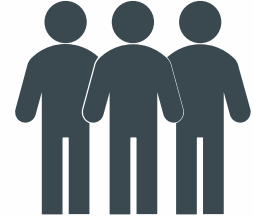
Project Manager



Business Analyst



Developer

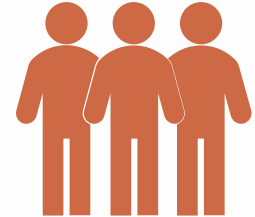


Requirements

Test Team Manager



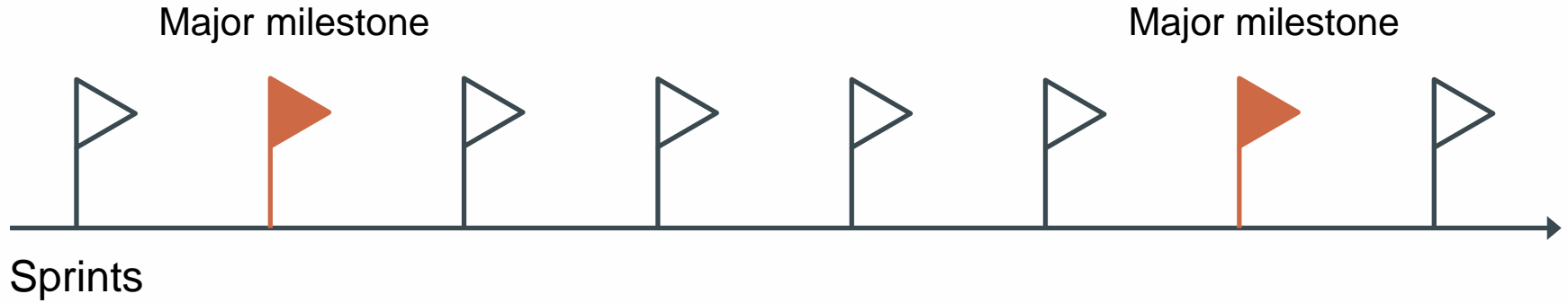
Tester



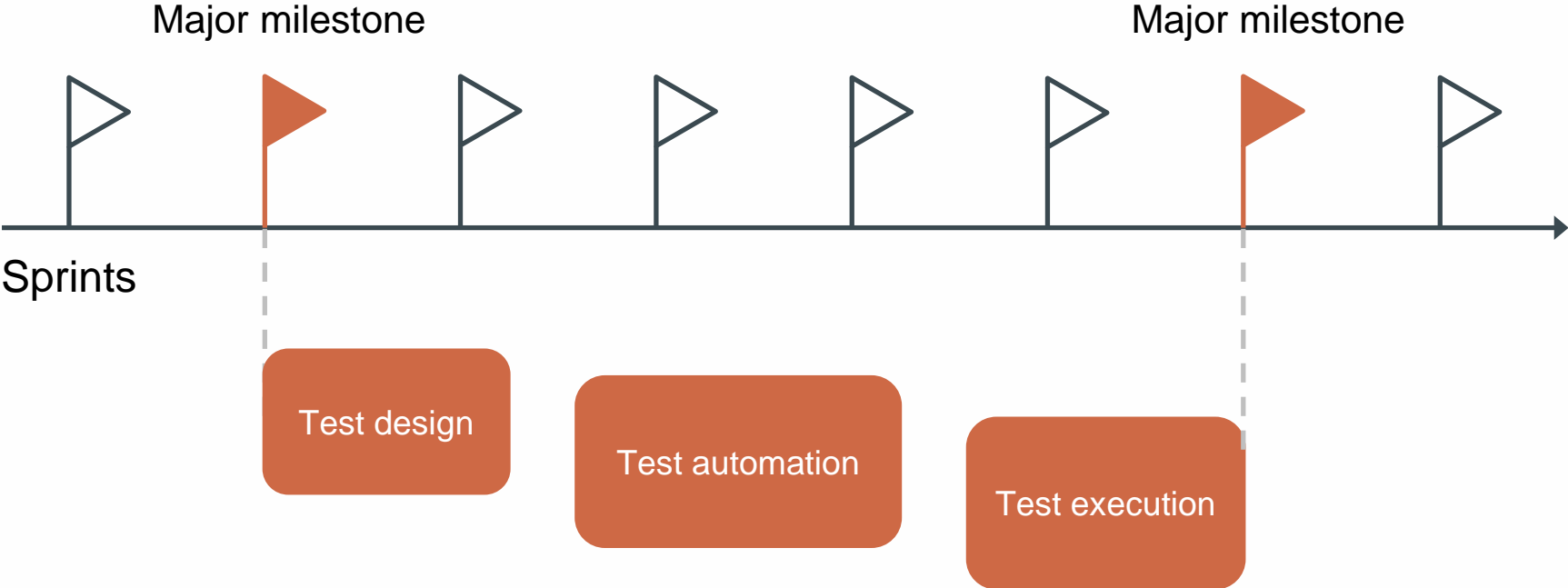
Waterfall Model Disadvantages

- Upfront planning
- Big cost of late requirement changes

Agile Model (Scrum)



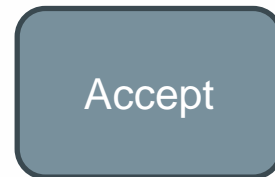
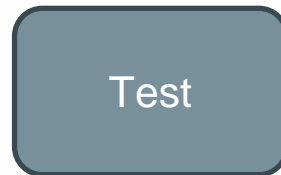
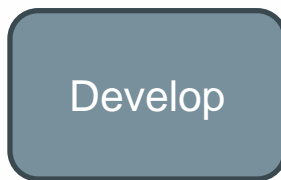
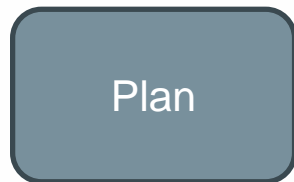
Scrum with Waterfall QA



Sprint



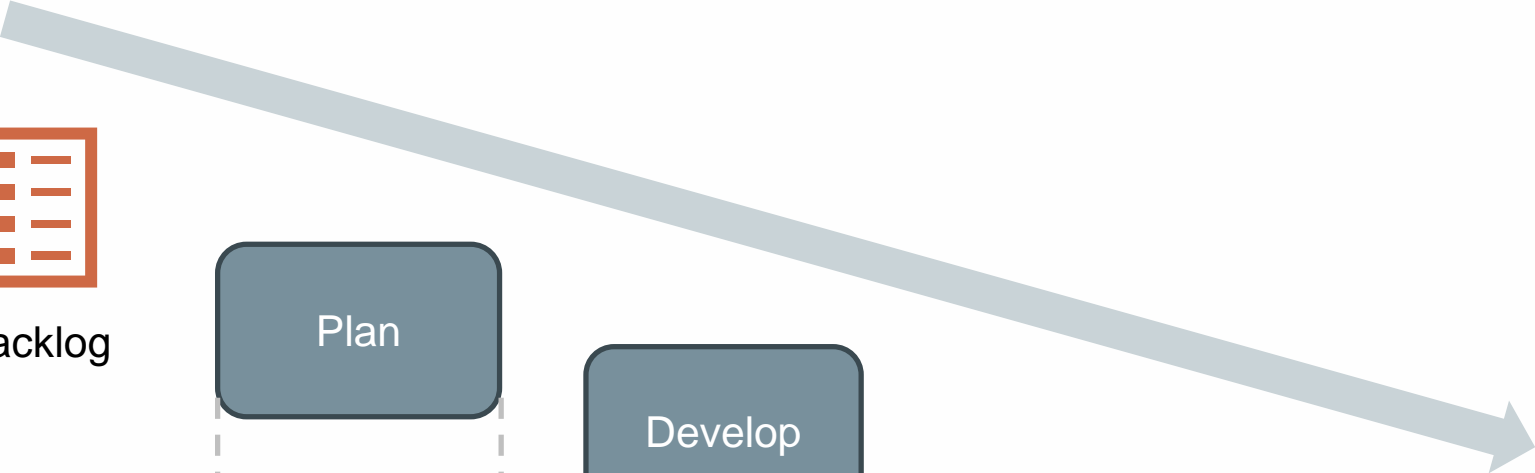
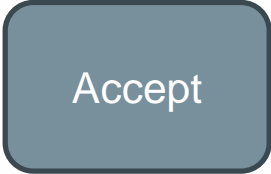
Backlog



Sprint with Dedicated QA



Backlog



Agile Manifesto

Individuals and interactions over processes and tools

Working software over comprehensive documentation

Customer collaboration over contract negotiation

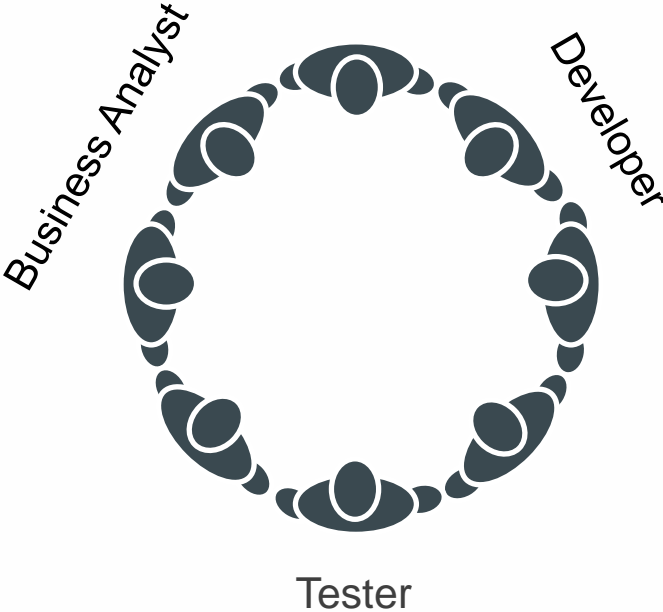
Responding to change over following a plan

Roles in Scrum Method

Project Owner



Stakeholder

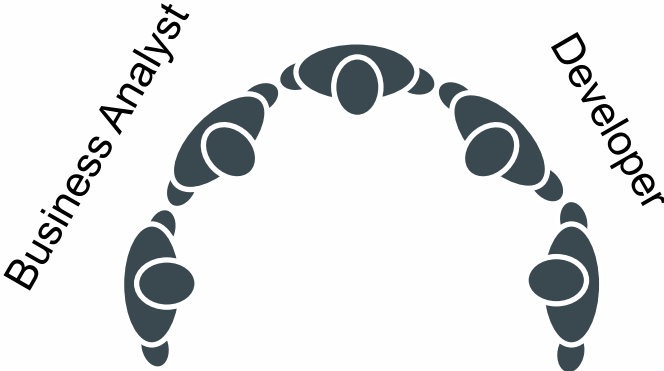


Roles in Scrum Method

Project Owner



Stakeholder



Tester

Test Team Lead



Roles in Scrum Method

Project Owner



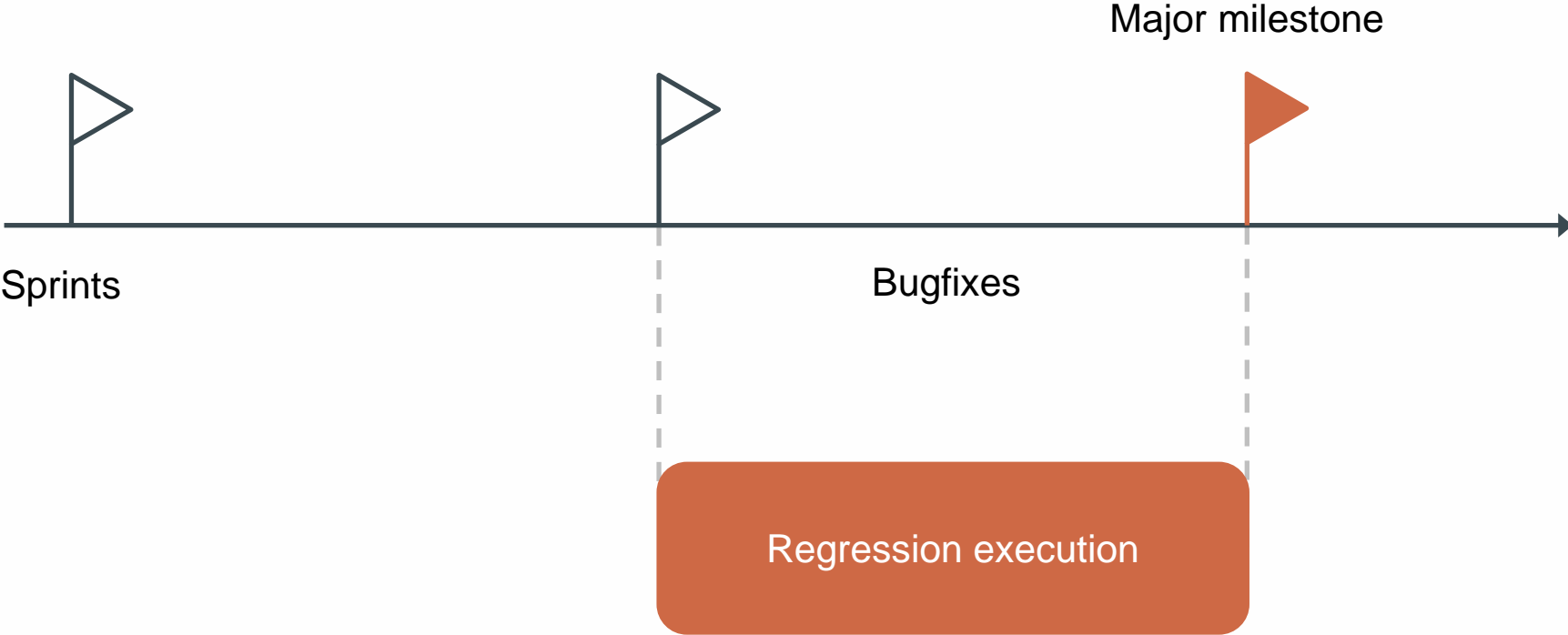
Stakeholder



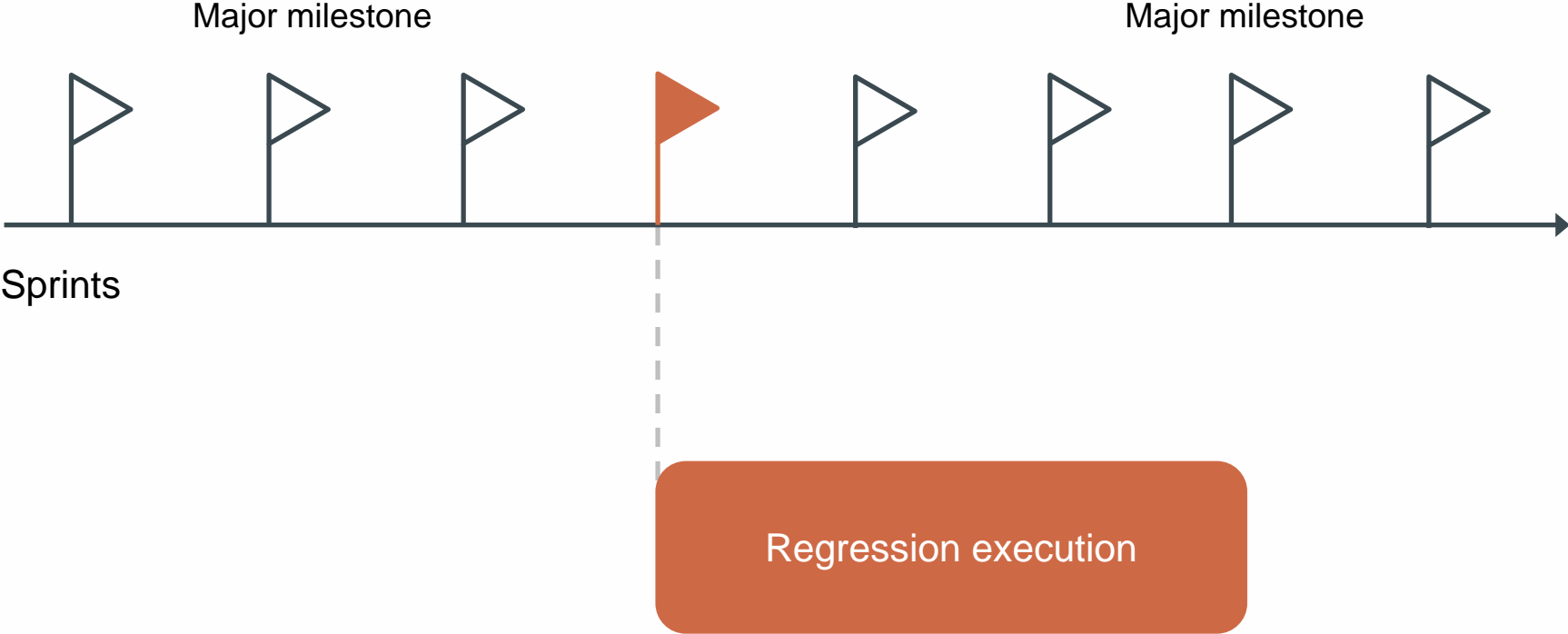
Test Team Lead



Regression Runs



Scrum with Waterfall QA



Thank You!