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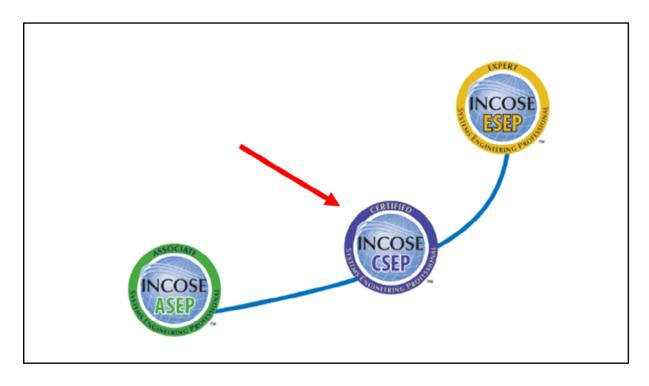


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The INCOSE created a working group for Agile Systems and Systems Engineering. Its goal is to create a body of knowledge for systems to operate "....in environments of caprice, uncertainty, risk, variability, and evolution."

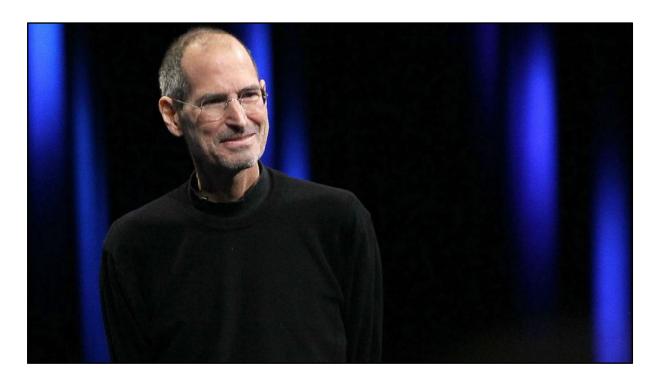


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[&]quot;Some people say, 'Give the customers what they want.' But that's not my approach. Our job is to figure out what they're going to want before they do. I think Henry Ford once said, 'If I'd asked customers what they wanted, they would have told me, "A faster horse!" 'People don't know what they want until you show it to them. That's why I never rely on market research. Our task is to read things that are not yet on the page."

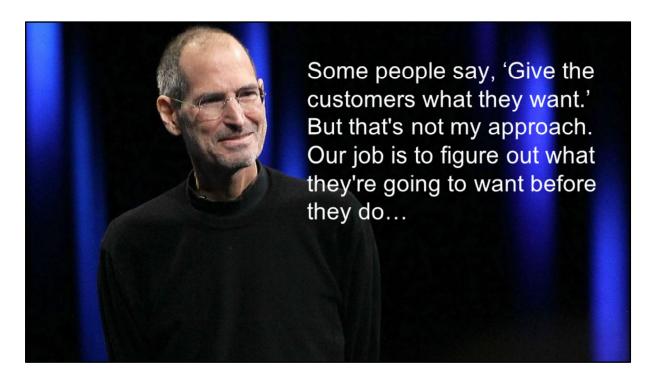


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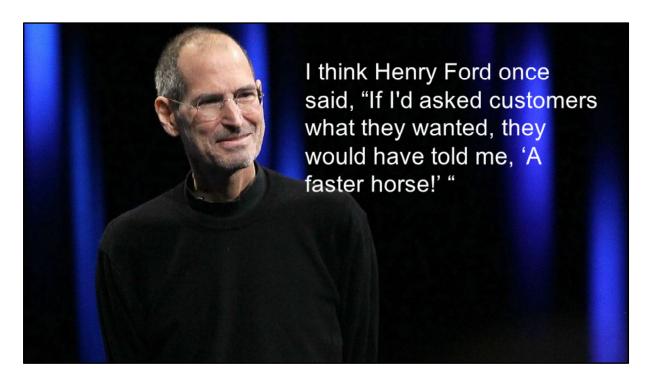


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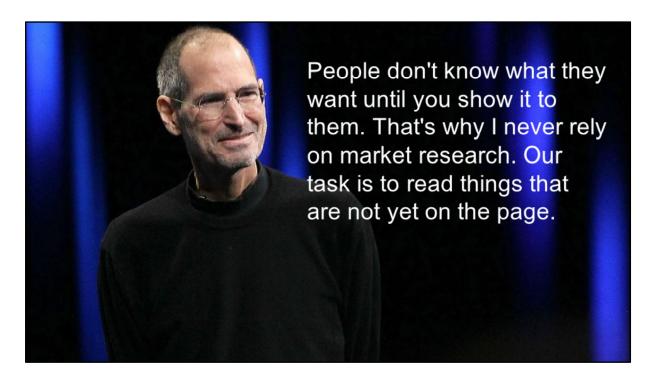


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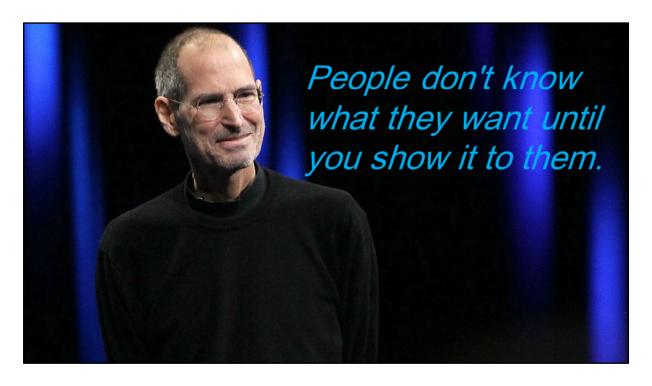


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Photo credit: Scrum Alliance. (2018, October 25). *Image for jeff sutherland* [digital image]. Retrieved from https://www.youtube.com/watch?v=qaFSTSW 6Uo

The first video linked from this slide introduces the philosophy behind Agile, from Agile Manifesto co-author Jeff Sutherland: https://www.youtube.com/watch?v=s4thQcgLCqk

The second video is a brief introduction to the Scrum practice: https://www.youtube.com/watch?v=9TycLR0TqFA



Photo credit: MLB Advanced Media, LP. (2017, April 26). *Must C: Coghlan's acrobatic leap* [digital image]. Retrieved from https://www.mlb.com/cut4/photos-chris-coghlan-leaps-over-yadier-molina-to-score-run/c-226588738

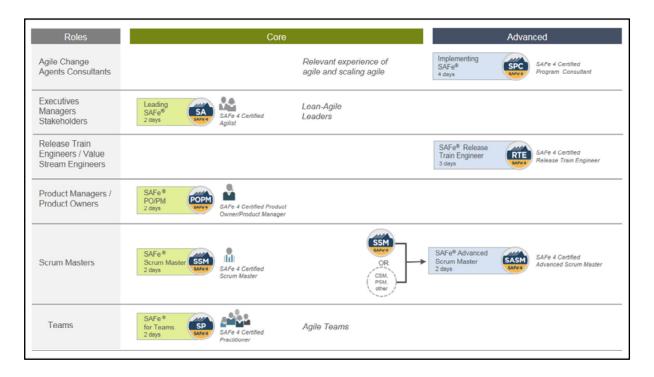


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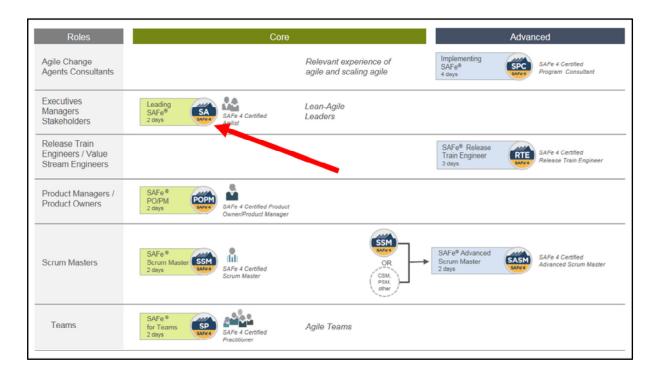


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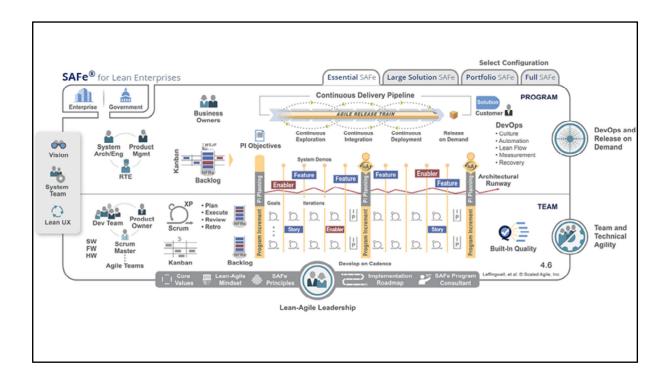


Image credit: © Scaled Agile, Inc. (2018, July). *BigPicEssential* [digital image]. Retrieved from https://www.scaledagileframework.com/

The article at https://www.playbookhq.co/blog/wsjf-weighted-shortest-job-first explains "weighted shortest job first" and contains an example calculation.

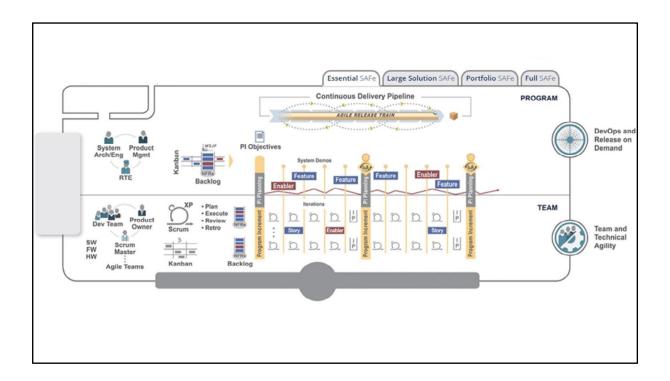
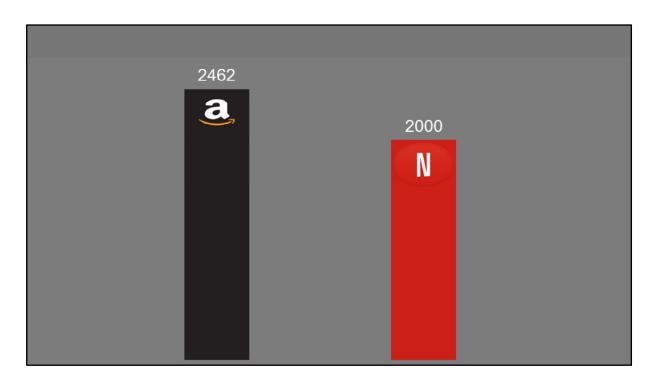


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https://techbeacon.com/devops/10-companies-killing-it-devops

"Within a year of Amazon's move to AWS, engineers were deploying code every 11.7 seconds, on average."

[&]quot;...today engineers deploy code thousands of times per day."