Agile Methods

Transitioning from Scrum to Kanban

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Agile Deep Dive Conference, Manila
May 25, 2018

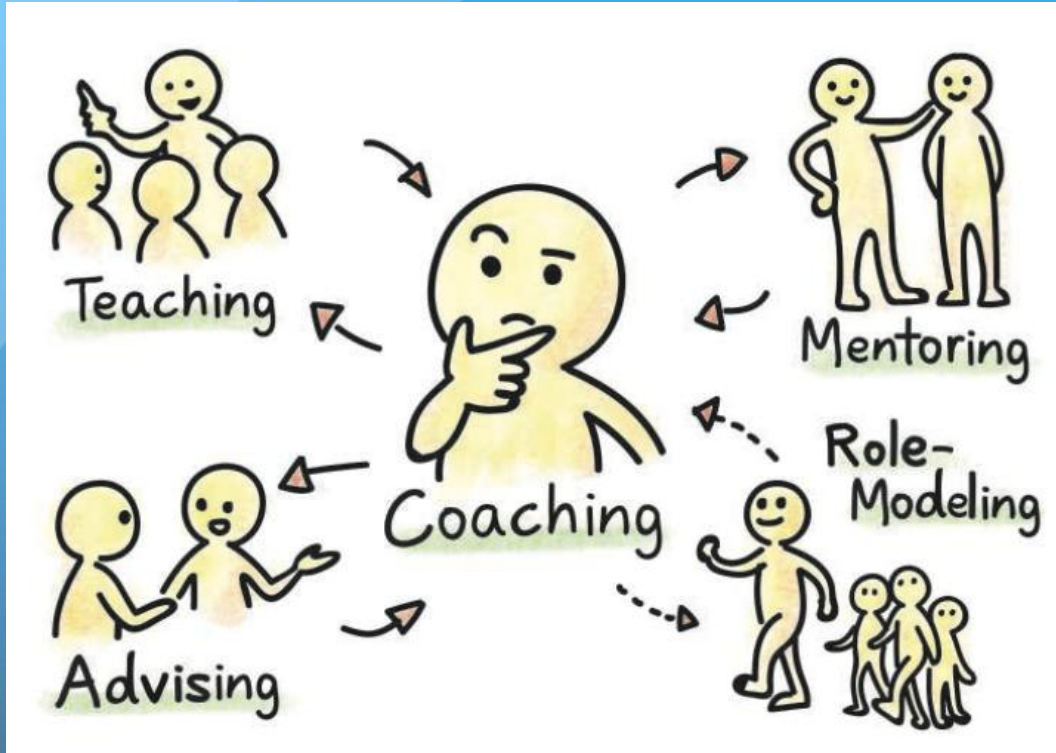# Hi I'm Kevin and I'm an Agile Team Coach

Image is from the book - "The Hitchhiker's guide to Agile Coaching" by the agile42 Coaches

eComEngine specialize in developing software-as-a-service (SaaS) products for merchants who sell on the Amazon marketplace (including via the Fulfillment by Amazon (FBA) platform). Our software is designed to help merchants increase sales, become more profitable, save time and boost productivity.

How we do Scrum

- Teams work on one product at a time
- A dedicated Product Owner for each team and one backlog per product
- 1 Scrum Master for all the teams
- Meetings: Daily Standups, Sprint Planning, Sprint Retrospective, Sprint Review, Backlog Grooming, High level estimation meeting
- Sprint Length = 2 weeks
- We keep track of Team Velocity, Burndown Charts, Technical Debts, Release Plans

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# Why did we want to shift to Kanban?

- To improve the delivery of value to users
- To improve our focus on the most important work
- To shift to a more LEAN way of doing our work
- Be better at dealing with unplanned PBIs coming in (defect and support items)
- Wanted to limit our "work in progress"
- Be faster in delivering value to users

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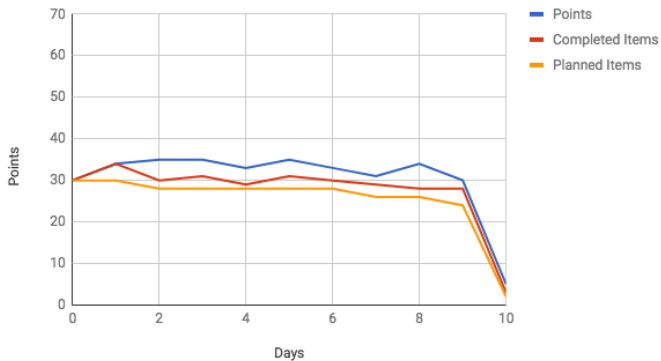
Burndown Charts When We Were Doing Scrum
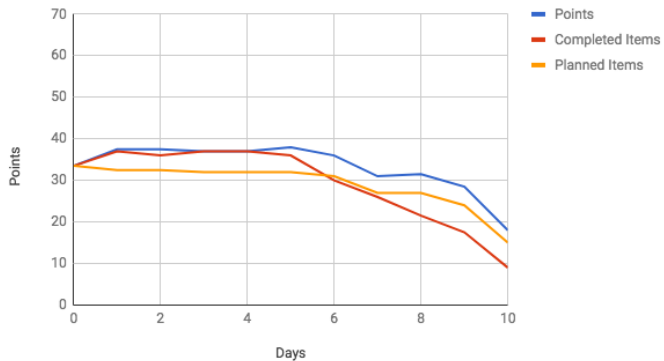
The Cliffhangers
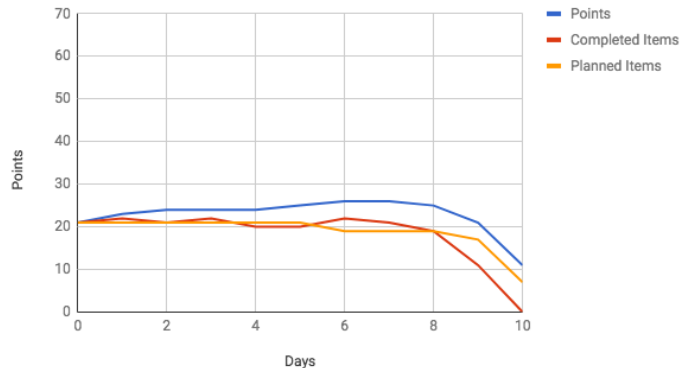
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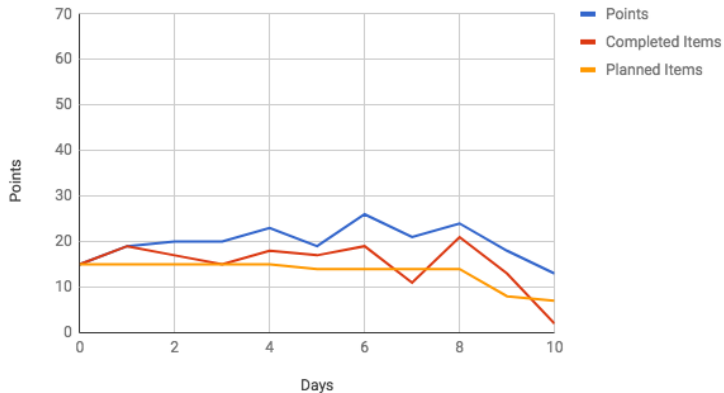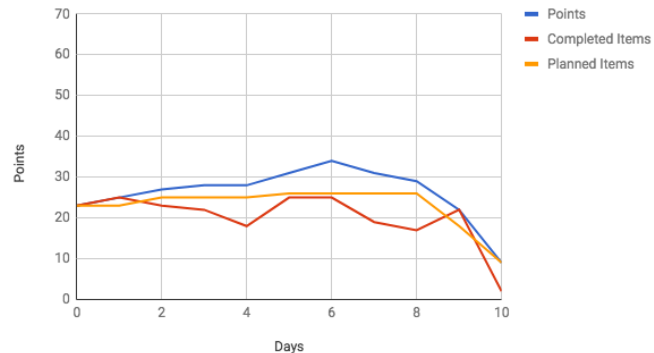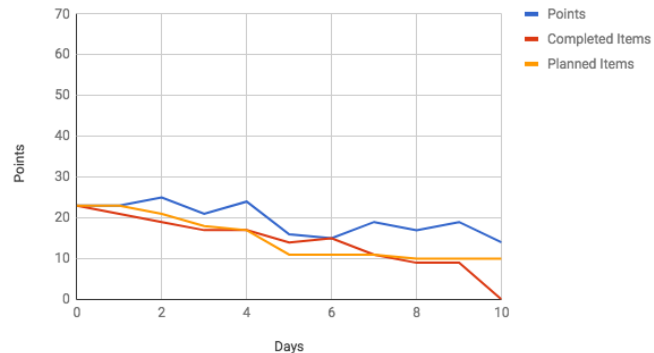

The hills are alive...

The Transition

- Leadership Team is given a training to learn about Lean Principles and Kanban
- Prepared training videos to discuss what are the changes being made and more importantly, why we are making them
- Migrated backlog items from old project management tool to the new tool.
- Carefully designed the Kanban board.
- Prepared a training video to orient people in using the new tool - LeanKit.

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The Transition

- Shared the training resources to everyone and had discussion meetings.
- Switched to using the new tool.
- Stopped doing sprints.
- Continued having daily standups, weekly planning meetings, backlog grooming, retrospective meetings.
- Shifted from "deploy after sprint" to "deploy when ready"
- Reviewed Cumulative Flow Diagrams (CFDs), cycle times, throughput of teams
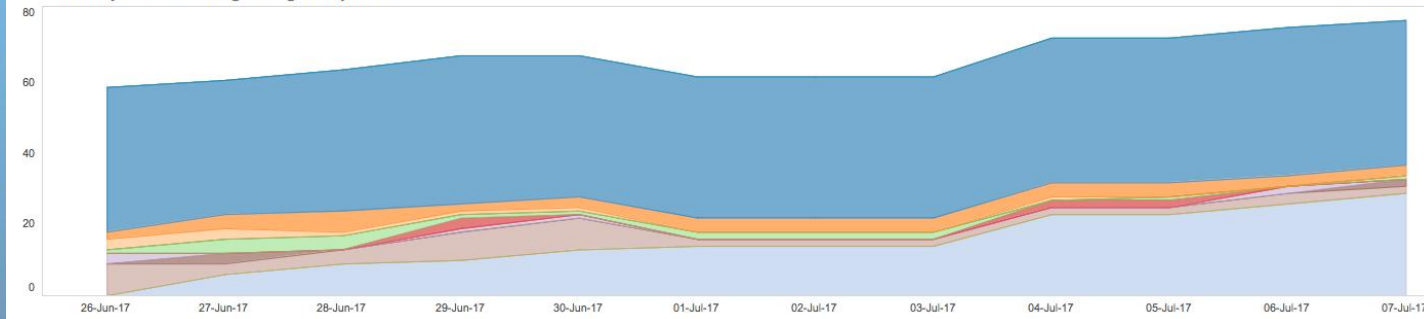
CFDs Showing How We Adapted to the Changes
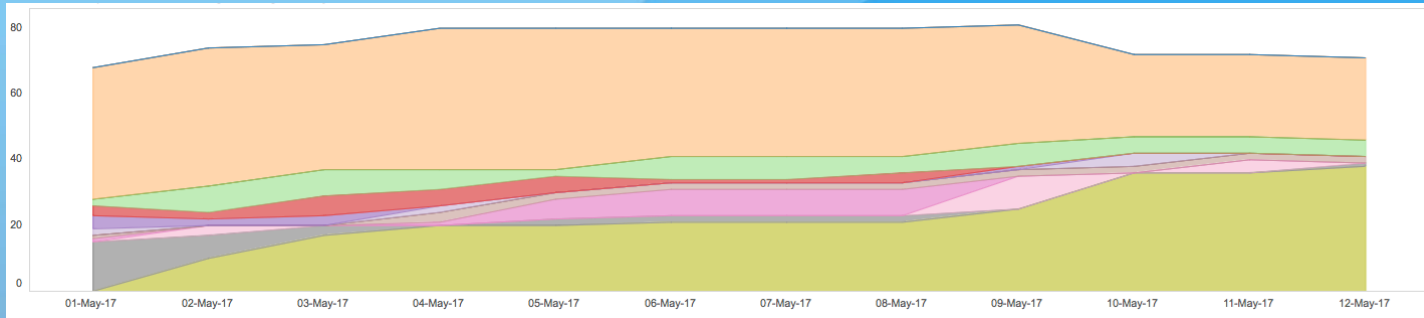
The colored bands on the graph from top to bottom are:

- Ready for implementation
- Implementation Started
- Ready for Manual Testing
- Manual Testing Started
- Ready for Acceptance Testing
- Acceptance Testing
- Ready for Deployment
- Deploy Today
- Recently Deployed
- Finished (RSP Software Archive)

CFDs Showing How We Adapted to the Changes

How smoothly is work flowing through our process?

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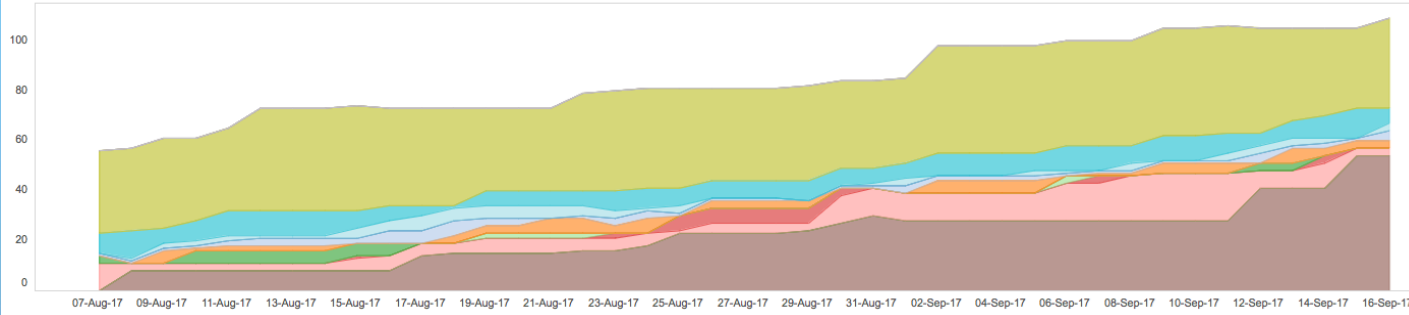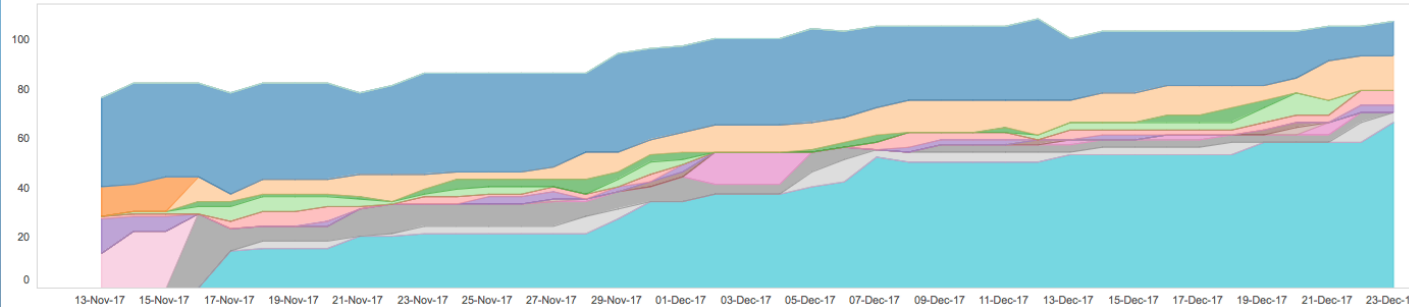The colored bands on the graph from top to bottom are:

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CFDs Showing How We Adapted to the Changes

How smoothly is work flowing through our process?

Good upward trend as we were able to complete a lot of items.

How smoothly is work flowing through our process?

Ready for Implementation

Implementation

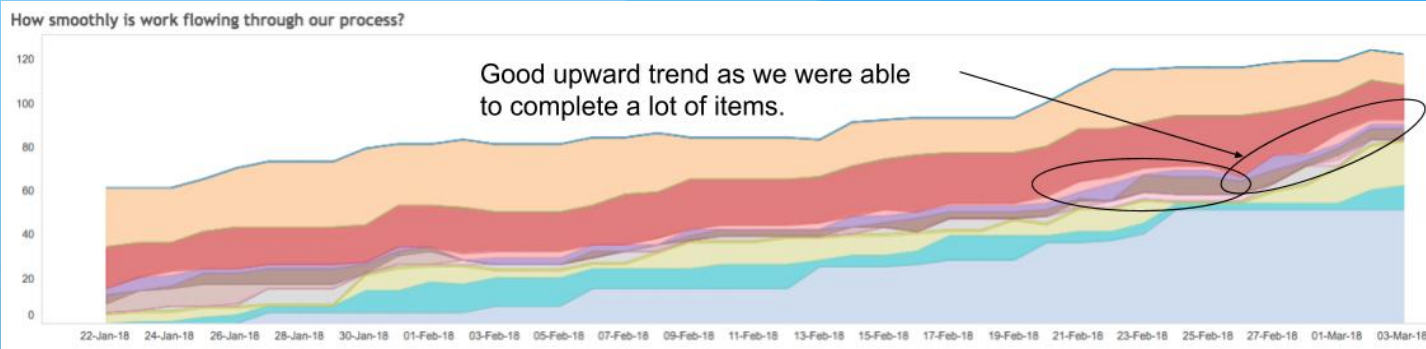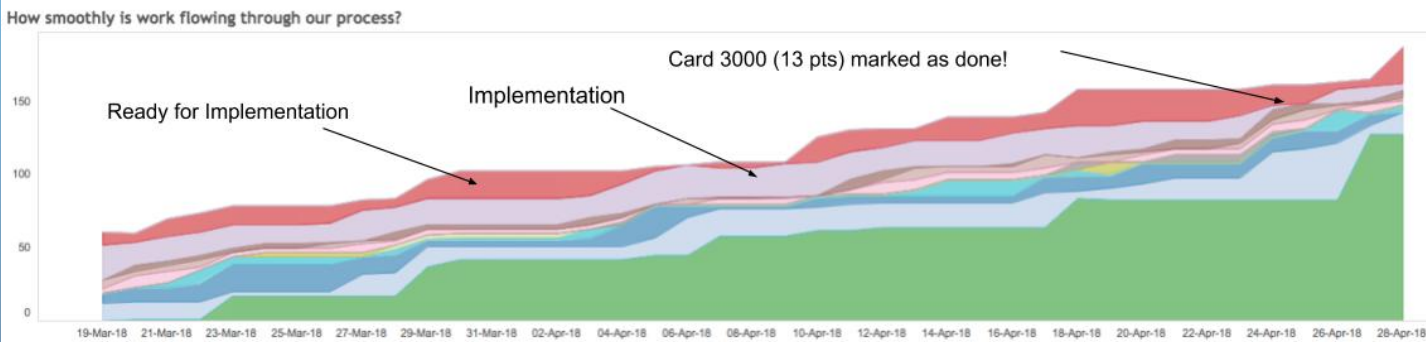Card 3000 (13 pts) marked as done!

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Lessons Learned

- Just do it.
- Change is easy when you have a good understanding of why you are doing it.
- Solid appreciation and understanding of Agile principles is key to success.
- Adapting to changes take time.

Thank You!

We can have more discussions!

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https://remoteagility.wordpress.com/

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