Retrospectives
MOVING FROM A SUBJECTIVE TO AN OBJECTIVE WORLD
A Bit About Myself

- Prateek Singh
- Post Technical (Recovering Developer)
- Crossed over to the dark side in 2007
- Scrum Master, Agile Team Lead, Agile Coach
- XP/Scrum/Kanban
- Cricket Enthusiast & Dog Lover
- Twitter - @singhpr
Traditionally...

- What went well?
- What went wrong?
- What can we do better – Action Items?
- Great model in good to ideal conditions.
Problems...

- Lack of Participation
- Rose coloured glasses
- Negative Nellys
- Kindergarten syndrome
- Lack of measurable outcomes/impacts
- Wasted coaching opportunity
A New Voice In The Room

- Your Team’s Data
- True picture of your team’s process and productivity
- A quantitative perspective on what happened
- How have things changed since the last time?
Traditional Tools/Metrics

- Velocity Charts
- Burndown/Burnup charts
More Tools – Cumulative Flow Diagrams
Driving Results
CFD For an Ideal Scrum Team
The Scrum Guide™

The Definitive Guide to Scrum:
The Rules of the Game

ScrumButs Unite!
Change the rules of Scrum!
Build a product roadmap!
Become a Method Modder

KEEP CALM AND Scrum Mod ON
More Tools - Scatterplots

The scatterplot shows the cycle time (in days) from April 1, 2014, to Jan 1, 2015. The x-axis represents the date, while the y-axis represents the cycle time. The data points are distributed across the plot, indicating variations in cycle times over the specified period.
Driving Results
Another Example
More Than Graphs

<table>
<thead>
<tr>
<th>Year</th>
<th>Stories</th>
<th>Points</th>
<th>InProgress</th>
<th>Ready for QA</th>
<th>QA</th>
<th>Ready for Acceptance</th>
<th>Acceptance</th>
<th>Holding</th>
<th>Total Days</th>
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</tr>
</tbody>
</table>
Follow Up

- Note Identified issues/behaviours
- Identify action items that avoid repeat issues and encourage good behaviours
- Look at the data next retro to see if the change(s) had the desired effect
Advantages Over Subjective

- Appeal to the analytical (blue) brain
- Numbers make more sense to developers
- Measurable/visible targets
- Real issues effecting the team on a story by story basis identified
Is It Enough?

- Probably not
- Teams have started mixing the two approaches
- Subjective retrospectives allow for more human element
- Overarching issues/recommendations might get lost in detailed data analysis
- Start with your data – move to subjective
Actionable Agile by Dan Vacanti

https://www.actionableagile.com/
Questions?
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