Collective Work Across Cross Functional Agile

Teams

Amit Pandey Mayank Batra

Computer Software Engineering Computer Software Engineering

Arizona State University Arizona State University

[apande36@asu.edu](mailto:apande36@asu.edu) [mbatra3@asu.edu](mailto:mbatra3@asu.edu)

Abstract

The Agile approach has been incorporated in many small to mid-sized organizations. Agile methodologies have been a great success, but still tagging along with many different teams together is a difficult task. Fortunately, there exist many result-oriented strategies to make interconnected agile teams work together. Communication, negotiation, challenging assumptions, having a willingness to change, learning from others, team structuring, tooling, and having clear designs are all important for the success of many Agile teams.

**CCS Concepts**

• Agile Process; • Team Success; • Inter Communication

KEYWORDS

Agile process, team-collaboration, design, architecture,

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1 Introduction

Agile project management is an iterative approach to managing software development projects that focuses on continuous releases and incorporating customer feedback with every iteration. [1] Agile manifesto states that “Individuals and interactions over processes and tools” [2]

Which helps teams realize what is important. With roles clearly defined, regular communication and feedback, members from different departments - developers, testers, business analysts and product managers can seamlessly work on a single product with the same intent, incentive and vision. The most intuitive part of Agile is its closed feedback loop. This feedback loop allows customer to be involved in the development of product, which in turn helps the resulting deliverable. Most importantly, Agile practices allow for changes in requirements without a huge cost to development. Despite the success and great features of Agile, it can be difficult to productively implement it across teams. There are many strategies that allow multiple Agile teams to still be successful together, such as creating a collaborative environment, maintaining communication channels, and choosing the right tools. Having a clear architecture and design of a system can also point teams towards the same goals. This

paper dives into the proper techniques for managing large,

multi-team Agile projects.

2. Team Success

A project's successful delivery is heavily guided by the Team's structure. In traditional businesses, teams are split up based on their role. There is a clear demarcation between testers, developers and business analysts. This role-based separation can create void within a company. If this void is not filled carefully with interleaving communication, then successful delivery of a software product may get impacted. These void block team members from naturally collaborating with each other to fix a problem. While working on a multi-team Agile project, it is important to eliminate such voids, as it allows for more organic collaboration. [3]