Lab 2 March 24, 2020

1. **Describe the problems or challenges that you can think of when we apply scrum in our software development project.**

**Resistance by the organization to Change**

Introducing SCRUM into an established organization or a company with philosophy that is in contrast with core agile values, may prove challenging to deploy. Switching the organization to start using Scrum requires a fundamental mindset shift that will shake up old habits and transform them into more effective ones.

**Wasteful Daily Stand-Up Meetings**

Scrum considers an efficient daily stand-up meeting to be 15 minutes maximum. The challenge comes when the Scrum team are too large, or Scrum team members use their time to talk about irrelevant things not related to the project or dive deep into their challenges that other team members are not concerned with.

**Handling Bugs and Urgent On-Demand Tasks**

During a Sprint we assumes that there are no changes expected during that time, unexpected, no urgent requests from customers and no technical support issues being thrown at the team. And yet this is not the case in the real-world environment.

**Distributed Team**

Scrum allows team members on a project to be in different places. However, communication is the core issue among these distributed teams. Different time zones, conflicting working hours may impair overall effectiveness, and collaboration may be difficult in some cases.

There can be delays caused by lack of communication, meaning parties may need to wait before proceeding with the next stage of their assignment. Often, people are interacting at unsociable hours due to time zone issues, which can lead to poor quality communication and sustainability, which ultimately affects productivity.

1. **For every problem of part 1, think of a solution how we can solve this problem**

**To solve resistance to change problem:**

* To consider incrementally paced introduction of Scrum into the organization.
* To get top management buy in of the Scrum methodology.
* Understand exactly why individuals are resistant to change and what their true feelings are about adopting Scrum.

**To solve Wasteful Daily Stand-Up Meetings**

* First and foremost, ensure each team member understands the purpose of daily scrum meetings.
* Make sure each member’s turn to talk/share adheres to the necessary discipline to keep the conversation focused.
* Issues and other discussions can and should be deferred until later, after the daily Scrum is closed, and involve only the necessary parties.
* Hold daily Scrum meeting near Kanban board. This way daily meeting discussions can focus only on current work in progress any potential issues or roadblocks.

**To solve Bug handling and Urgent On-Demand Tasks**

* Allow Time for Bug Fixes Along the Way
* Each week assign someone from the team who abstains from partaking in any Scrum tasks, and instead focuses all their attention on the stuff that just crops up like bug fixes, urgent requests, and general support.

**To solve Distributed Team**

* Focus on building trust and mutual respect for each other.
* Give team members ownership over their own work to increase commitment and motivation levels.
* Rotating Local Team Members
* Bridging Time Differences