Annotation 2

Title: Modified Scrum Development Framework Diagram

Description: The artifact is a diagram showing the cyclical nature of the agile SCRUM development life cycle. It was generated to describe the software development framework that will be used to develop an End to End Encrypted messaging board as a final project for a Senior Capstone course. This model has been super seeded by a development life cycle that facilitates cyclical code development. The ideas presented in the artifact were researched by all members of ElectronChat group (James Marshall, Philip Marshall, Timothy Trusive, and Zakhaddin Khalidov). The illustrations in the artifact are authored by me. The red arrow serves a guide for the process that is labeled in the numbered yellow illustrations. The cycle starts at the Product Backlog that feeds tasks to the Sprint Backlog and Sprint Planning. The second stage in the cycle consists of coding/problem solving the tasks assigned in that sprint. The code is then fed into a CICD pipeline in the third stage of the cycle. And the final stage is the deliverable that outputs the Web App and is used for the next sprint.

Reflection: Working on this diagram reinforced the cyclical nature of agile development coherence in my mind during the initial stages of project planning. I find it tempting to implement sprint planning in the middle of a sprint, diverting away from the structured approach of agile development. This diagram helps me visualize the importance of keeping to a sprint backlog. Doing the research for this diagram I also learned that the Product is always available and is functional to some extent, and improvements and add ons are made by making small changes.

Artifact 2