

## **Project Control Process**

Vandana Anand

Worcester Polytechnic Institute

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Professor Kenneth J. Wermann

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**Abstract**

Dell Technologies is a leading global technology company that provides technology solutions and services ranging from infrastructure to software and devices (Dell EMC, n.d.). As an intern at Dell Technologies, I got the opportunity to work on an interesting development project along with three other interns for twelve weeks. When thinking in terms of the project manager, creating a Project Control Process would be beneficial to see how the project is going. Moreover, the process allows to successfully keep a project within the Triple Constraint of Project Management that includes scope, cost, and time.

## **Introduction**

Dell Technologies, founded by current Chief Executive Officer (CEO) Michael Dell, is comprised of a family of businesses including Dell, Pivotal, RSA, Secureworks, Virtustream, VMware, and the recently acquired EMC in 2016, which marked the biggest tech deal in history (Dell Technologies, n.d.). These organizations are a collective force of innovative efforts with a strong presence in 180 countries worldwide. Dell Technologies provides infrastructure for organizations to expand on their digital assets, transform the Information Technology (IT) industry, as well as protect information (Dell EMC, n.d.). Their mission is to advance human progress by providing greater access to technology for people around the world (Dell Technologies, n.d.).

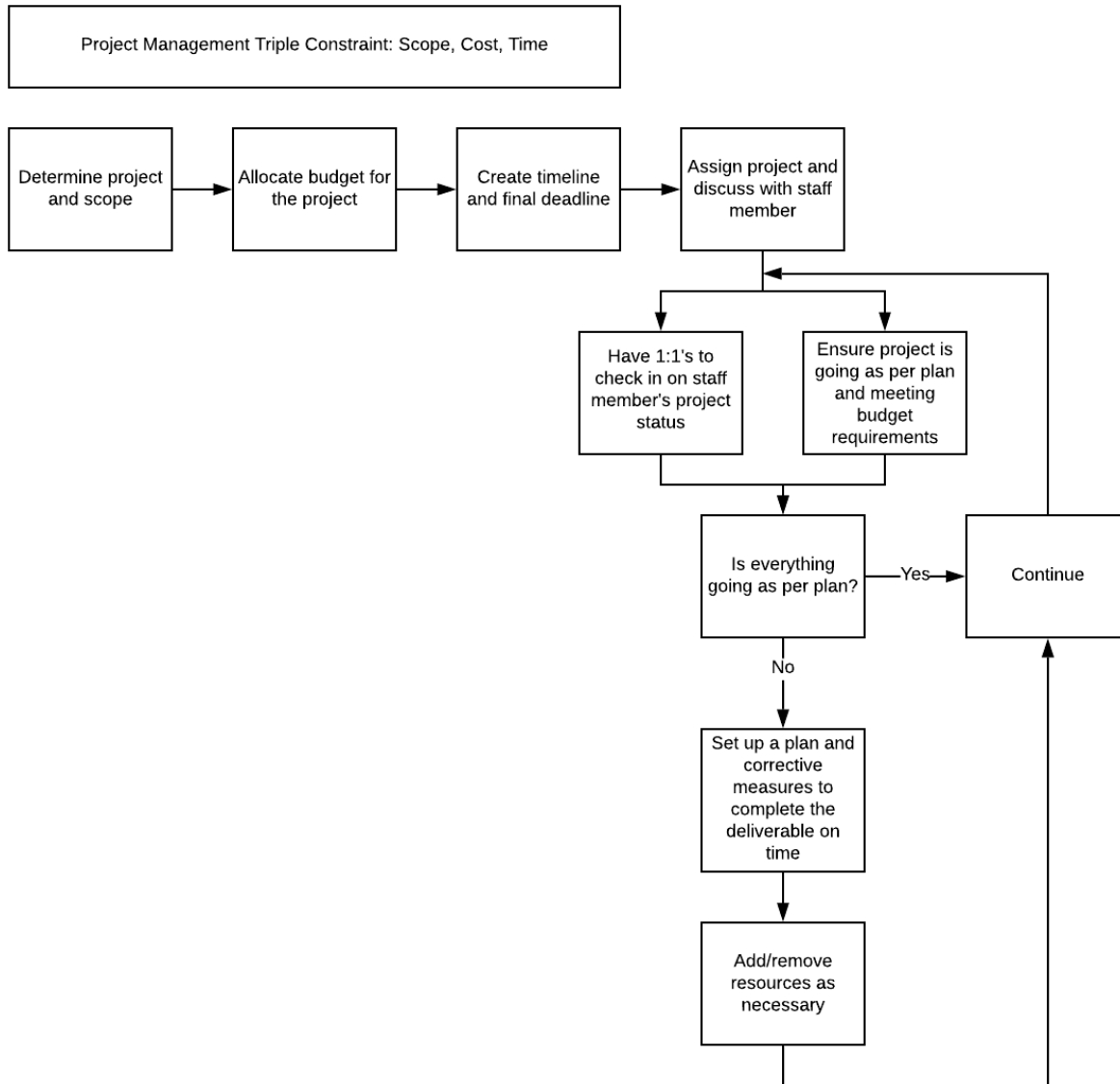
As an undergraduate student studying Computer Science at Worcester Polytechnic Institute, I got the unique opportunity to pursue a software engineering internship at Dell Technologies in the Storage Department, specifically on the Test Automation and Enablement team. The team works on high-performance storage systems and delivers next-generation tools to improve the efficiency of development operations as well as quality using advanced technologies, tools, and software engineering methodologies.

Three other college interns and I worked on a project to design and develop a website for quality assurance analysts to execute and analyze test cases for various storage projects that are underway for release. We followed the Software Development Life Cycle (SDLC) that involves planning, design, implementation, testing, and deployment. Throughout the duration of the project, we followed the Scaled Agile Framework (SAFe) methodology, a top-down method to

project management and decision-making. First, we gathered requirements to determine the necessary features for the website. Next, we designed a prototype of the website as well the database which we presented to the rest of the team. We got approval of our design and split up the feature implementation among our intern team. After this stage, we tested our website and deployed it in a production environment so that it was ready to use for our internal customers.

## Discussion

### Project Control Process



### **Conclusion**

A Project Control Process diagram helps for checking in to see how the project is going and would be especially useful for the intern team's website development project. Developing the diagrams would allow the project manager to see if the project is advancing in a way that satisfies budget and costs, the timeline, and resources. In addition, it also allows the project manager to see if corrections would be needed. Learning how to apply the diagram in a practical sense is useful for implementing other projects in the future.

### **References**

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