**Discussion Topics:**

Select one of the following and find at least two articles on the topic. Provide examples (not in the text) and known advantages/disadvantages.

1. Technical Debt
2. Greenfield vs. Brownfield Services.
3. Conway's Law
4. Two-Pizza Team Rule

***Before you submit your thread, put your name in the subject line.***

Many interesting topics were presented in this module. I explored the two-pizza team rule more and learned the advantages and disadvantages. The articles I found were from the Medium website from Amazon Web Services.

Alex Ponomarev describes the power of two pizzas. The power of two pizzas is a concept from Jeff Bezos (Ponomarev, 2023). The main point of the two-pizza rule is that a high level of communication is not a good thing since teams are not working as closely as they should be (Ponomarev, 2023). When teams communicate productively, the working environment is more cohesive, and less time is spent on communicating more than necessary (Ponomarev, 2023). This coordination and delegation of tasks, as well as understanding the requirements needed (Ponomarev, 2023). Teams should be small enough that two pizzas are sufficient to feed the group, ideally 5-7 people (Ponomarev, 2023). Smaller groups also make it less likely for the members to fall into groupthink (Ponomarev, 2023).

Daniel Slater on Amazon Web Services discusses Jeff Bezos' two-pizza team rule. This reduces the time it takes to perform a task since it is completed more efficiently (Slater, 2022). A smaller team means more time is spent on accomplishing tasks, increasing productivity (Slater, 2022). The two-pizza rule is also more cost-efficient when it comes to failure since there is less at risk (Slater, 2022). Teams can test and try new things faster and more often than bigger teams (Slater, 2022).

Neither article provided the disadvantages of the two-pizza rule, but I thought of a few possible disadvantages. Smaller teams are easier to manage; however, the system is not as effective if team members are not doing their part. Smaller groups also mean that there are fewer people to come up with ideas.

**References**

Ponomarev, A. (2023, October 27). *The Power of Two Pizzas: Why Jeff Bezos Limits Teams to 5–7*. Medium; Engineering Manager’s Journal. https://medium.com/engineering-managers-journal/the-power-of-two-pizzas-why-jeff-bezos-limits-teams-to-5-7-42e38b2d9325

Slater, D. (2022). *High-performing organization - the Amazon Two Pizza Team | AWS Executive Insights*. Amazon Web Services, Inc. https://aws.amazon.com/executive-insights/content/amazon-two-pizza-team/

**Assignment Requirements and Grading:**

1. An initial post of approximately 250 words is due by **Thursday, 11:59 p.m., CST**.
2. For the initial post to be considered substantive, it should be at least 250 words in length and fully cover the topics being presented. Single sentence definitions or responses will not be awarded points.
3. Submit your post by clicking on the **Assignment Link** above, then **Create Thread**. You must create a thread in order to view your peers' posts. Tip: Create your post in a Word document and then copy and paste your work into the thread.
4. A minimum of three (3) responses, **to the original threads of other students**, of 100-200 words each are due by **Sunday, 11:59 p.m., CST**.
5. To view the rubric grading criteria, click on the following link: [Discussion Board Grading Rubric](https://content.bellevue.edu/cst/csd/rubricdbv3.pdf).

**(50 points)**

Hey, Truman! I really enjoyed reading your post for this week. I think you did a great job of explaining what technical debt is and the advantages and disadvantages. It seems like you have a firm grasp on the ideas in our text, plus the additional resources I included. When I think of debt, I usually just think of money, so it was intriguing to explore debt technically, not just monetarily. It also directly relates to the LinkedIn InVersion case study that we reviewed. I agree that technical debt is not necessarily a good or bad thing. At the end of the day, there needs to be a balance.

Hi, Adrian! You did a fantastic job on your post for this module. Establishing groups in a team from the get-go is vital. It helps when mapping out a plan and gives a guideline to all team members of what to aim for to ensure expectations are met. There are many situations where I see Greenfield development to be the better option. The freedom developers experience can be a great thing when wanting to transfer development to a company. You mentioned some very valid disadvantages. To add to your examples, another disadvantage is that if developers lack initiative, starting from scratch can add to the delays in production.

Hello, Nima! I think your post on the two-pizza team rule was comprehensive. I also work on the same topic. I liked hearing about your side project experience since it gave insight into how the two-pizza rule can work in the real world. What were your overall thoughts on this rule? I personally really like the idea of focusing on smaller teams, but it does come with its disadvantages. Outside of the tech world, I have found that working in smaller teams is much more effective and less communication is needed; this is especially true within a strong team. Also, this rule makes me crave a pizza.