**Feasibility Study**

**Does the system contribute to the overall objectives of the organization?**

Our objective is to provide our clients with a safe, reliable, and efficient process for purchasing items from our inventory, thereby enhancing customer satisfaction. We will develop a complete application with a graphical user interface that allows users to interact with the system and browse available products. Additionally, the application will enable staff to manage the inventory system internally, facilitating updates and improvements that will contribute to overall efficiency.

**Can the system be implemented within the schedule and budget using current technology?**

Our team is committed to implementing DevOps Continuous Integration, enhancing our ability to meet deadlines and effectively manage tasks. We have chosen Python as our primary programming language. By collaboratively assessing our strengths and weaknesses, we have developed a coordinated plan for development. We will utilize Git, GitHub, Trello, and Discord as part of our DevOps workflow. We are optimistic about keeping expenses low by effectively utilizing our systems. Additionally, we are dedicated to exploring free options that can help us manage and reduce costs in the future.

**Can the system be integrated with other systems that are used?**

Yes, Python is an incredibly powerful and dynamic programming language that guarantees exceptional portability for any application. Our comprehensive documentation and robust toolset ensure seamless future integrations and straightforward code maintenance. By providing detailed notes, manuals, and files, we are creating an app that is ready for scaling and fully adaptable to meet our clients' evolving needs and demands.