**Communication Plan**

My plan is to approach this project as an individual instead of requesting to be placed on a team so there will be no need to use any additional communication tools. I will assume the position as project manager and plan scheduled dates during the week/weekend to work on this project. The hours set aside to continue project work will be between 3pm – 6pm Tuesday to Fridays and 6pm – 10pm Saturdays – Mondays.

**Project Description**

**Title of Project:**

The python system I chose to design is a Computerized Maintenance Management System (CMMS) for Southwest Airlines.

**Company Selection:**

This CMMS system will be designed for Southwest Airlines at BWI Airport. Southwest Airlines houses a large conveyor system that processes passenger baggage at this airport and there is a need to schedule and track maintenance tasks performed on that equipment to prevent downtime.

**System Purpose and Goals:**

This CMMS system will schedule and track maintenance repairs performed by technicians on the conveyor system. Scheduling and tracking preventive and corrective maintenance on various equipment using this CMMS software will ensure that the assets are properly maintained to reduce breakdowns. Minimizing breakdowns on the conveyor system will decrease the ratio of bags missed or failed to load on the aircraft due to mechanical or electrical breakdowns on the conveyor system. This will ultimately enhance the user experience and improve customer satisfaction when booking flights and traveling with southwest airlines as they are confident that their luggage will accompany them on their flight to their destination.

**Project Collaboration**

**GitHub repository link:**

* <https://github.com/DejiShod/SDEV_220_Final_Project_Deji_Shodunke>

**Documentation:**

* Project documents (proposal, class diagrams, reports) will be stored on personal computer.

**Project Management**

**Trello Board Link:**

* <https://trello.com/b/Kdv4unWQ/deji-shodunke-trello->

**Kamban Board Link:**

* <https://trello.com/b/hESHCy0q/deji-shodunke-cmms-kanban-template>

<https://trello.com/invite/b/673013d3d9d17b8752dc13a7/ATTIa925d4a2f59e721df04c86673b4896d1058AC856/deji-shodunke-cmms-kanban-template>