# Agenda Items

## Private Server and Costs

During the initial development and learning phase a private server will not be necessary, however it may well be useful. Jared is currently working on establishing a server connection for this stage. No costs have arisen to discuss that would impact the team at this time.

## Use of Previous Team’s Infrastructure

There will be no use of the previous team’s infrastructure in the training of the new machine learning algorithm, however open-source libraries will be used during the process. The previous team’s algorithm produced a binary output, only indicating if a piece of trash was present in the image. Our algorithm will need to not only identify trash but categorize it as well.

## Contact with Stakeholders Outside of Meeting

Both Dr. Shultz and the web application team are to be treated as external stakeholders for the purpose of this project. Contact with said stakeholders will be necessary to determine: the dataset used in the ML process, the metrics needed by the web application team, and to ensure that the web application team can schedule the ML algorithm.

1. **Fringe Case Handling**

Fringe cases such as litter items identified in a distorted image will be handled on a confidence basis. The image dataset being used to train the machine learning algorithm contains images that are tagged with annotations indicating the context of the trash. This will allow our algorithm to better identify trash versus objects in use.

**Adjournment:**

Meeting was adjourned at 2:10 by Noah Miera. The next meeting with the client and team was scheduled for 1:00PM on the 10th of February, 2022.