QUALITY MANAGEMENT PLAN

Copy-Waste

Project Name	Copy-Waste

Quality Standards

Green Screen Dashboard Standards

1. All components render and respond properly
2. Frontend is intuitive and easily navigable given the technological ability of the community is between low and average
3. The embedded map follows GIS standards of readability and required components (ex: legends)
4. The dashboard ensures the information displayed is tested and accurate
5. Components implemented in the dashboard should be reusable to avoid repetition of code

Universal Bin Detector Standards

1. Less false positives than the previous model.
2. The rate at which our detection model confuses one object for another should be less than 1 percent.
3. Only create an object detection class if there are over 500 occurrences of that object available for training in our dataset.
4. The detection model detects objects within our test dataset with accuracy rates above x.

Copy Paste Pipeline Standards

1. Objects are pasted with randomized transformations for high variability within our dataset
2. Evaluate the produced model with real-world instances to ensure a high level of precision and accuracy before deploying
3. All code is produced following the python style guide to standardized the formation of variables, functions, and classes