**Present:**

| Dr. Shaun-Inn Wu | Course Instructor/Project Consultant |
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| Jared Macshane | Client |
| Noah Miera | Team/Scrum Lead |
| Juan Gonzales | Project Manager |
| Jordan Fisher | Documentation/Training |
| Keith Gross | Programer |
| Miguel Morales | Programer |

**1:00 PM| Meeting started!**

**1:02 PM| Noah: Introduction of team. review team norms.**

**1:04 PM| Juan: Review of goals as of the last JAD meeting.**

**1:06 PM| Noah: start of question section**

* **Litter rating:** is it a requirement? not determined by Dr. Schultz. |“Nice to have feature”
* **Training dataset:** Who is responsible for creating the dataset? Is it possible to use an older repository from an earlier team? |Web app team responsible for pipeline of downloaded images, but not the annotations. Dr. Schultz is willing to provide a team of students who can annotate images provided they are given necessary resources.
* What responsibility do we have towards the web app team or Dr. Schultz’s students? |Nothing else.

**1:11 PM| Input from Dr. Wu:**

* Litter rating would be better handled by the web app team to allow them more freedom. Our team’s goal is the creation of an algorithm that calculates statistics about the image set.
* Smaller scale, “in-house” dataset would be good on the off chance that Dr. Schultz’s students cannot create the dataset in time for the training phase.
* The algorithm can be run on a smaller dataset first.
* Database would be unnecessary as previous projects only holds timestamps and ratings

**1:22 PM| Jordan: Number of Categories,** How many do we need?| the fewer the better ultimately, but it will be easier to start with many and then narrow them down.

**1:24 PM| Miguel:**

* **Segmenting scope of work:** Can we work towards just identifying trash? | Possible strong approach
* **Category creation:** Who is responsible for creating the categories? |The ML team will be responsible
* **Jared’s role:** What is the degree of Jared’s involvement in the team?| A little ambiguous, but somewhere between consultant, client, and limited teammate.
* **Private server:** When can we start using the private server?| Underway currently. Possibility of upgrading google cloud server and primarily using that.

**1:30 PM | Input from Dr. Wu:**

* **There are multiple ways that the dataset can be approached: Perhaps it would be better to start with litter detection and work on the categorization work.**

**1:38 PM | Keith:**

* **Mask R-CNN:** Can mask R-cnn train detection and categorization simultaneously? |Not sure at present. Will get back to us
* **Number of Shultz’s students:** How many students will Dr. Schults be providing to work on annotation| Unsure, but likely a smaller group.
* **Possible repurposing of TACO Dataset:** Would the TACO dataset images in a street setting be useful? |Possibly, but our focus is on images the way that Google Street presents images.

**1:42 PM| Input from Dr. Wu:**

* **The TACO dataset could be useful in the second stage of development as long as Dr. Schultz is willing to segment the product.**

**1:46 PM | Juan:**

**Contact:** Can we go to you regarding any questions?|yes

**Deadline for dataset:** what should we anticipate in terms of time before Dr. Schultz’s students finish the image annotation |Unsure as of present time

**Mob Programming:** Would mob programming be advisable at the later stages?| This type of project is difficult to delegate and therefore mob programing can function as a good default

**1:49 PM| Input from Dr. Wu:**

* **There are two types of datasets, one to train and one to run. Should Dr. Schultz be willing to segment the project, we have a training set already available from the previous years. Web app team is only providing the dataset to run the algorithm.**

**1:55 PM| Jordan: Review of key agenda items**

**1:57 PM| Noah: Final check in for questions for client.**

**2:00 PM| Meeting Adjourned!**

# Agenda Items

| **Work Segmentation:** | Prioritize the litter detection and then categorization (Granted Dr. Schultz is willing) |
| --- | --- |
| **Litter rating** | Not a requirement |
| **Training dataset** | Will be taken care of by Dr. Schultz and his students, but ML team will make a smaller “in-house” dataset to work with |
| **Categories** | List of categories will be determined by ML team and |
| **Cloud Server** | To be determined within a short timeframe |
| **Jared’s Involvement** | Mix between Client, Limited teammate, and consultant |
| **Resources required to provide to the Web App team**. | Nothing outside of integration. Per Jared at 1:10 PM. |