**JAD #2 Meeting Agenda**

**When & Where:** February 26th, 2020 ~ 1:00pm - 2:00pm @ MARK 203

**Attendees**: Dr. Kristin Stewart, Dr. Shaunn-inn Wu, Stoic Solutions Team

**1:00pm - Formal Introductions**

**1:05pm - Summarize our plan as proposed by Dr. Schultz**

**1:10pm - Main Agenda Items: Q/A**

* Primary objectives of UI team.
* Define a geographic space.
* What (data format) we can realistically provide for the UI team.
* Update frequency.
* Scalability and precision of data collection.
* Additional support for data collection.
* UI team implementation & database plan.
* UI end requirements/Cross-team meeting.
* Schedule remaining JAD meetings with Dr. Stewart and Dr. Wu.

**1:50pm - Summary**

**2:00pm - Meeting Adjourned!**

**JAD #2 Meeting Agenda**

**When & Where:** February 26th, 2020 ~ 1:00pm - 2:00pm @ [MARK 203](https://www-sb.csusm.edu/classrooms/markrooms/mark203.html)

**Attendees**: Dr. Kristin Stewart, Dr. Shaunn-inn Wu, Stoic Solutions Team

**1:00pm - Formal Introductions**

Handshake, nametag, team photo page, business cards + smile :)

**1:05pm - Before we begin, to summarize our plan as proposed by Dr. Schultz**

Goal #1: Collect data (360 Google Street Images)

Goal #2: Process those images through ML system

Goal #3: Collate the output data (includes Geographic Area & Standardized Level of Litter)

Goal #3.1: Prerequisite: define a geographic space, more on that later

Goal #4: Make the data accessible to the UI team

**1:10pm - Main Agenda Items and Questions**

**Chris**: What are the short and long term objectives of the user interface team?

**Matthew**: What is the prefered geographic space that the UI team will be working with? City, ZipCode, Street Name? Google maps and our implementation might favor longitude/latitude.

**Jordan:** How granular of information is the UI team expected to produce? We are able to provide the user interface team with: Litter Rating, longitude, latitude, date of scan, and perhaps with a more human location identifier such as the city or zip code. However, we could also take a random sample of pictures in a region and provide metrics like average litter rating, total pieces of litter, average pieces of litter, region name and date scanned per region in lieu of highly granular data.

**Connor**:Google maps does updates every 1-3 years. What is the priority on recording and storing chronological data over the long term?

**Ricky**: The previous team's form of collecting data was arbitrary, as their primary goal was to identify litter and was not necessarily focused on collecting data from a specific location or set of locations. To continue with our part of the project, we need to establish how accurate you would want the results to be, as in do you want a snapshot every 25 yards, every street etc. We will try to find a way to make the data as accurate and efficient as possible, but as things currently stand we will have to manually input each location a snapshot will be taken, and this will clearly be time consuming if we do the whole city of san marcos. So would it be okay to start with a small area and expand from there? What is the minimum distance apart you would like the photos taken?

**Adam**: In terms of gathering images would it be possible to gain access to student help if in the case the python script cannot come to fruition?

**Jerry:** Given that we will be providing the foundational data for the UI team to build upon, and then they will be using it for their own purposes, which team should be in charge of creating/designing and hosting the database? How soon will the UI team need access to our data? If we run into unexpected problems, can we provide the UI with a more limited area of data?

**Brian:** What will the UI team be using in terms of their development environment? Do they plan to host their site on a separate server? If so, we will need to know.

**Whole group:** Schedule remaining JAD meetings with Dr. Stewart and Dr. Wu. (Previously, we were scheduled 3/16 10am & 4/13 10am)

**1:50pm - Summary of Notes**

**2:00pm - Meeting Adjourned!**