

## **Meeting Minutes 1/19/17**

Questions to ask:

- Further run down on project?
- What do you want the site to accomplish?
- What features would you like to see?
- Style of website? (Form,Dialog...)
- What type of information is being collected? (numerical, photographic, etc - Dr. Pastel mentioned existing physical surveys for collecting the same data - could we get an example?)
- Are there any existing systems we need to work with? (Already handled by another program that we need to share a DB with?)
- Minimum viable product
- Stretch goals
- “Send the data to the centralized database or beach manager” - define beach manager
- Who are the expected users of the app?
  - Is there a basic skill level we can expect users to have?
- Future Meeting Time?
  - In Wednesday's Meetings, 330?

## **Meeting notes - Louis Barea**

- Beach monitoring app
  - Sample beach for e coli
    - Drives model to predict health of lake
  - Physical measurements
  - Observations-algae, weight height, bird count etc
  - EPA has tablet app for salt water
  - Phone app collects measurements then transmits to office
- Style of application
  - Form because everyone has their own routine to collect the info
  - Form based due to screen size
- Type of data
  - Numerical
  - Qualitative with pictures (I.E. Algae)

- *Pictures are a stretch goal*
- Existing systems
  - USGS currently works with Wisconsin beaches, currently logs to upload data
    - Format upload (CSV) to upload to existing system
  - Has needed and supplementary data listed
  - Contact Alice McCarthy, Application developer
- Assumptions
  - Trained judgment calls, no training in using the app
  - Usually college student interns
    - *(Stretch goal) tutorial buttons, example input and error checking*
  - **Make as intuitive as possible**