Weekly meeting reports

Date: sep 27th

Time:

Who showed up:

## Expectations:

### Goal of meeting:

* Meet the client and discuss what this project is about?
* Give us detail into how the projects should work, what are the expectations ect..
* Also introduce the group

### Technical expectations:

* We choose the database
* User interface
* Python preferred coding language
* Saved in vector in database
* Efficiency is key

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### User expectations:

* First user is a data scientist
* Can't access the website unless you are on the rosen network
* No Authentication
* Multiple ppl might need to use the program at the same time

### What is expected from us:

* Clean code
* Understandable

### Questions to ask the client:

Inquiries to confirm with the client:

1. General Questions
   1. Is there already a code-base we are forking from? Or is this from scratch?
      1. Specific programming languages?
   2. Are there any sample working web app that we can reference?
   3. What actual work needs to be done?
      1. Spec out features/bugs/added functionality/changed features.
   4. What is this web application used for? Is classifying images the main function (use case) for this software?
   5. Just to confirm, we are just implementing, not training or refining the data set?
   6. What are the expectations for this software application (understanding the value of the product and the problem it solves. Define functional goals)?
   7. Can you briefly explain what the active learning algorithm is for and how you recommend implementing it.
   8. Can you briefly explain the user defined class requirement
   9. How are the photos classified?
2. Software Specification Questions
   1. Are there any requirements regarding databases/data management?
   2. Are there any security requirements for the access of the web app?
      1. Authorization, password, user privileges.
   3. Is there an efficiency requirement for this project?
3. Other Questions
   1. Any requirements for the progress reports? (Frequency, approaches, etc.)
   2. Are there any other major milestones or updates that you'd prefer?
   3. Will this code be shared to the public? Open-source vs proprietary?
      1. Need to check whether we can discuss project specifications, NDA clauses etc.
   4. What does our future meeting look like? Should all groups gather together for the meeting or separate meetings?

### Other Notes:

360 degree camera

## Project breakdown:

The client is working with a water pipeline company. Rosen has made a robot that follows the pipeline and takes photos of the pipeline. Our Job is to take those photos and identify objects in those photos. So for an example we can find a fish in the photo or a garbage bag. We need to make a web application that uses machine learning to pick out these objects in the water. Our user group is data-scientists so we must take them into consideration.