

CSCI 3308 Project Milestone 1

Team We Can Come Back To That

(Recitation 105, group 3)

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Application Name: MicrometeorCite

Application Description: Collects, visualizes, creates access to a user-created database of information on found micrometeorites. Has functionality for data visualization of collected data and allows users to submit their own findings. Has functionality for community verification of uploads (up/down voting).

Vision Statement:

Our Application will be for hobby scientists, and micrometeorite enthusiasts who want to contribute to a database of found meteorites. The micrometeorite database is an open-source data collection site that allows for the development of scientific knowledge and the sharing of information. Our team is not aware of any site or service that allows micrometeorite enthusiasts to share finds and communicate with a larger community of like-minded individuals, so we would be addressing an unfulfilled need.

Repositories:

[Meeting logs](#)

[Milestone submissions](#)

[All project code/components](#)

Development Method:

Agile/Scrum Method as described in lecture.

Scrum Master: Simon

Team Leader: Nora

Team Members: Alex, Jackson & Julien

Organized through Trello

Communication Plan:

We plan to communicate over Slack, and utilize several different channels (front end communication, back end communication, and general project communication) and use Github's bug reporting for errors. We also will be meeting and working together on Wednesdays.

Proposed Architecture Plan:

We plan to build a website, primarily using Javascript and HTML5, that allows users to submit and view data.

Backend will be constructed using a SQL database (tentatively noSQL), and interfaced with using python.

Tentatively: Hosting on DigitalOcean/AWS

Meeting Plan: We plan on meeting for two hours every Wednesday at 3pm in the Math library (Face-to- Face).