

GeoUnity: Week 1 Report

Members: Bence Danko (Lead), Da Thao Trinh

Project Title: GeoAttendance

Project Repository: <https://github.com/bencejdanko/GeoAttendance>

Job Assignments (1/29 - 2/2):

1. Da Thao Trinh: N/A
2. Bence Danko: N/A

Milestones:

Milestone 1 (2/5 - 2/16): Initialize technology frontends, backend development environments

Milestone 2 (2/12 - 2/23): Develop CRUD API, UI for login forms and users

Milestone 3 (2/26 - 3/8): Implement Geolib library

Milestone 4 (3/11 - 3/22): Implement attendance CRUD

Milestone 5 (3/25 - 4/5): Complete prototype

Milestone 6 (4/8 - 4/16): Deployment

Technologies:

Frontend: React, Javascript, HTML, CSS

Backend: SpringBoot, Java, PostgreSQL

Algorithms/AI Schemes:

GeoLib Library (<https://github.com/manuelbieh/geolib>)

Market Space and Selling Point:

- The application would streamline attendance tracking for professors and other hosts.
- Geomarking and online maps allows attendees to easily find meeting spots through their phone, without the hassle of going through manual instructions.
- An online application would easily allow the host to update events, or modify sign-ups. All attendees would simultaneously be able to track any changes or updates immediately, such as if a location were changed.

Action Items

Committed to since previous meetup:

- Listed project ideas.
- Listed technologies that we could use.

Completed:

- Finalized the project concept.
- Finalized technology for the project.
- Set up Github repo and added new directories.