# Meeting 1 Minutes

The meeting occurred on Tuesday, January 28th, from 2:00 pm to 3:05 pm. Location: Discord voice call, SOEN 341 Team Zero server.

## Attendees

* Steven
* Jovan
* Michael
* Andrei

## Absences

* Laith: had to attend a lab.
* Achal: had to TA a class.

## Prerequisite reading/task for meeting

* SOEN 341 Project Description and Sprint 1 F25 document

## Call to order

* Call to order at 2:05 pm by Steven. Screen shared by Steven during the entire meeting.

## Agenda items

### Sprint time ranges

* Went through the sprint deadlines to take note of how long each sprint is. Available on Moodle "Sprints Instructions"

### First sprint instruction announcement

* Did a line-by-line reading of the announcement post made on January 27th by our lab TA
* Quickly opened Appendix A and the associated spreadsheet to see the sprint planning example
* Side-tangent discussion on minutes keeping + GitHub wikis (re-discussed later)

### Discussion of the tech stack

* We need to figure out what tech stack and coding languages to use.
* All 4 members in attendance mentioned what languages they have used.
  + Andrei: JavaScript/TypeScript, React, Spring Boot, C#, PostgreSQL, Java
  + Michael: SQL Server, JavaScript with Vue.js, C# with .NET Core, Java
  + Jovan: JavaScript, a bit of React, Java, non-relational databases
  + Steven: JavaScript/Typescript, React, a bit of C#, Java

#### Decision

* will need more research, however tentatively:
* Frontend: TypeScript with React.js
* Backend: C# with ASP.Net Core MVC (API for integration with frontend)
* Database: PostgreSQL + Supabase (relational)

### First features: Login and Admin feature for creating and assigning teams/channels

* We clarified the first features we need to implement.
* Discussed first prototype: think Discord, but just a login page and a page with channels.
* Admin does not necessarily need an entire dashboard, could just be extra controls on the same view as a normal user.

### Initial planning spreadsheet setup

* Created a spreadsheet to plan the sprints (mainly the first sprint)
* Slowly added tasks in an unordered fashion; the spreadsheet needs to be expanded on and cleaned up.
* Realized that sprint 1 will take a lot of setup and boilerplate: assigned 3 main tasks to be done ideally by Friday the 31st before lab:
  + Setup frontend boilerplate: Steven
  + Setup backend boilerplate: Michael
  + Setup database boilerplate: Andrei
* Other tasks that are needed:
  + README.md and Github Repo organization: Achal/Laith
  + Writing more user stories/tasks and entering them into GitHub issues: Jovan (anyone can contribute)
  + Prototype designing (Figma/Drawing) of the application's look. For now, just the login page and the view with the channel lists (and possibly a modal for admins to create channels)

### GitHub checkup

* All members are invited to the repo
* Members may or may not (?) be correctly added to the organization
* The repo does not have wikis enabled due to it being locked behind 1 of two conditions:
  + 1. repo can have wikis while private if the organization is upgraded (costly membership)
    2. repo needs to be public (should check with TA/prof to see if this is okay to do)
* We tried setting up branch protection, but couldn't for the same reason as the wikis.
  + All new changes should be done in separate branches and then merged through pull requests (ideally).

### Future meetings

* Discussed how often to have meetings, and when/where.
* All 4 members in attendance agreed on having a weekly meeting on Mondays after 5 pm. Meetings should take at most 1 hour, and are done on the Discord server.
* A message has been addressed and sent to the two other members to see if this aligns with them.

## Action items (by Friday January 31st)

* Laith/Achal: Update the repo's folder organization (sprint folders) + README.md with:
  1. Description of the Project
  2. Team Members and Roles
* Achal: ensure all members are correctly invited to the organization
* Steven: Setup the boilerplate for a frontend project (Typescript + React)
* Michael: Setup the boilerplate for a backend project (C# with ASP.Net Core MVC)
* Andrei: Look into/set up a database (Postgres/supabase/?)
* Jovan: Turn tasks into GitHub issues with correct tags
* All members: create more tasks/user stories for sprint 1, and write them (with priority/risk/subtasks preferably) on the spreadsheet.

## Adjournment

* The meeting was adjourned at 3:05 pm (all members had nothing else to mention).

## Additional Resources

[Team Zero Planning Sheet](https://docs.google.com/spreadsheets/d/1EVMj0qLC4FfQwUP4bqrUDxbO8MK4ofPaWDHyWVDGPiU/edit?gid=298116467#gid=298116467)