Week 1

According to the customer's requirements in oral (80%) and similar-websites (20%) format, I drafted the **user story document** that was considered "excellent" and used as the first-thing-to-look-into guidance during the entire developing phase.

Week 2

I set the **data transmission conventions** between frontend and backend, and organized all data transmission cases with Trello, which helped maintain smooth collaboration between and within both frontend and backend.

Week 3

I built a **web-based terminal** for the backend team, which simulates data transmission requests from the frontend, and displays the output from backend. This output can be directly pasted to Trello and accelerated our collaboration.

Week 4

I wrote a **script to simulate** most of the business logics and populate the remote database with script-generated entries, so that we didn't have to manually fabricate data for testing.

This script populates 800 (configurable) bot accounts with different roles, eleven campuses and ~470 unit of studies, along with ~2,300 available tutoring time slots, ~400 tutoring appointments, ~2,700 admin approvals/disapprovals, ~5,300 event logs and ~6,200 notifications to users.

Week 6

I **deployed the website** to AWS, where I encountered but solved dependency problems caused by the team members' diversity of operating systems.

Week 9

I wrote a **standalone GUI tool** for the root user, who can then directly access the database without visiting the website.

I wrote **documentation for potential future developers**, which helped me as well seven months later, when I tried to compile and deploy the project again.