

## Development Log

## Project 3 - Live Simulation

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### Challenges

- One of the challenges we had was creating the user interface so that we could interact in real time with the simulation by adjusting the parameters.
- Coordinate the simulation and visualization so that both operate in a coherent time without much lag.
- We had to do a lot of extensive debugging to find out if there were errors that would go unnoticed in the simulation visualization.
- There was a big challenge when wanting an external page to interact with a python server that runs on a different domain, this is the problem called Cross-Origin Resource Sharing (CORS).
- Another challenge that we had in the project was learning to know how to interpret the data we have in order to be able to show it in the simulation in a way that is easy to understand.