March 4 - May 4
- Setup S3 bucket on aws
- Setup VPC on aws
- Setup public and private subnets in aws
- Setup route tables on aws
- Setup internet gateway on aws
- Setup Orthanc on aws
- Setup EC2 instances on aws
- Setup postgreSQL RDS on aws
- Setup security groups on aws
- Hosted app
- Extended SQL tables
- Extended backend to be more robust and added features
- Prepared for cs fair
- Used sagemaker on aws

Feb 7 - March 3
- Added CI/CD pipeline element where automatic pushes to main branch causes API on VPS to automatically update and run
- Project managing the team to glue all the parts together for our alpha release
- Added dicom to vtk conversion endpoint
- Increased upload capacity
- Communicating with clients and investors, soon will present first demo

Feb 6 - 17 2025

- Decided to quit work
- Continued my duties as project manager
    - Assigned testing tasks to Kerem and ensured he completed his other tasks
    - Organized critical meetings and implemented a mechanism to keep the ML team accountable for their work
    - Made the ML team document their work
    - The paper we write will be involving comparing models and will be submitted to Ulusal Nöroloji Kongresi
- Bought a VPS and domain name from hosting.com.tr (lesionlens.com)
- Connected domain and VPS so that lesionlens.com allows visitors to use the golang app currently running on the server. This will allow the frontend team to integrate the front and backends
- We decided to create a MVP for 1st of March as we have all components somewhat ready on their own
- Added endpoint to transfer DICOM files as a zip from database to frontend
- Going to add more endpoints

Feb 5 2025

- Contemplating whether or not to quit work.

Work Pros	Work Cons
I get paid a good amount	Money will be cut off from now on
Job security	Golden handcuffs
Good work environment	Pressure to go to work
Experience for later	I don't like python
	The experience I gain isn't the one I want
	Last semester of university will be spent working
	Takes a lot of effort and time
	I need to get good grades this semester
	Takes away from student life
	Psychological pressure + stress (lots)

- Implementing incoming request checks to ensure the request sent to the API is of exactly the expected format, rejected otherwise.

Jan 8 2025 - Feb 4 2025

The following was done during the winter break and first few weeks of the spring semester,

- Implemented (API endpoints):
    - Login
    - Signup
    - Get DICOM instance
    - Get DICOM study
    - Get Patient ID
    - Upload .dcm to database
    - Upload .zip to database (collection of .dcms)
    - Mock ML analysis (calling python ML program and attaching output to each .dcm in the database)
- Also Implemented:
    - Set up live SQL database (patient, doctor, and access management)
    - Further used work on Orthanc database

- Program in Python that will eventually contain ML model, so GoLang API communicates (calls functions of) this python program.
- Added Swagger support for testing API