Backend project Experience:

(This Project was a part of my Internship)

Objective : Integration of a third party API into our existing Application using Springboot.The application in which i worked on was called Liveasy. It is a truckShipping Application which helps in Truckloading and shipping between customer and TruckService .

My main task was to Integrate a third party application and make calls to the API using Springboot.

Technology Used : Java , SpringBoot

Tools : Intellegi IDE

Databases : PostgreSQL

Challanges & Impact :

There was an Application called fynamics, which is used to get the details of the customer and truckdriver and it was connected to the tollsbooth , which are present in the highways.

So 1st , I go through the API documentation of the Application and thoroughly tested the APIs using Postman , while testing the APIs, i went through a lot of challanges as the apis, were not running as it took a lot of query params and headers , which were not mentioned in the API docs. After trying for few days, with discussing with my mentor as well as the Application technical team , the APIs ran perfectly.

After this , I wrote the Backend script for the APIs. I was a really complex and challanging task for me , as the application APIS was complex and it had a lot of complications.

I called the APIS using the WebClient Dependency, and wrote the code for the APIs. which include authorization , generating a token for the login credentials, and all the crud operations with some limitations and made schedulars for every Apis.

With the help of my mentor and teammates , I was able to code it successfully .

Outcomes:

It was truly a wonderful experience for me , as I learned something new in Springboot and enhance my skills. It was probably my first time coding and testing APIs in a real-time project , it also gave me a lot a experience and confidence . I am still eager to learn a lot in Java , Springboot and try new features and develop it.

This was my Latest experience in my Backend Project. I have also made a lot of personal Projects , which include LoadsAPI , SessionAPI , Chatt Application , Movies Application.

All this projects I have made are from Springboot , Java , HTMl/CSS , MySQl , PostgreSQL , MongoDB.