TELEPHONE DIRECTORY APPLICATION

Introduction :

Completed the telephone directory project using Java-Spring Boot. In the project, rest services, entity, models (create and update), repository, service, service implementations and finally controller were written.

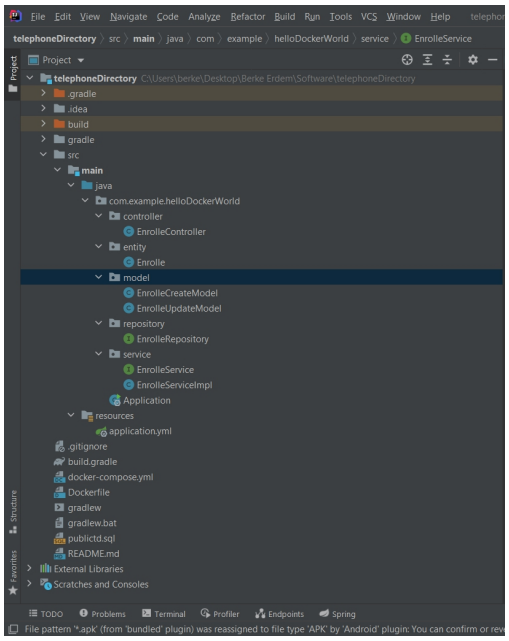

Fig.1. Project Files

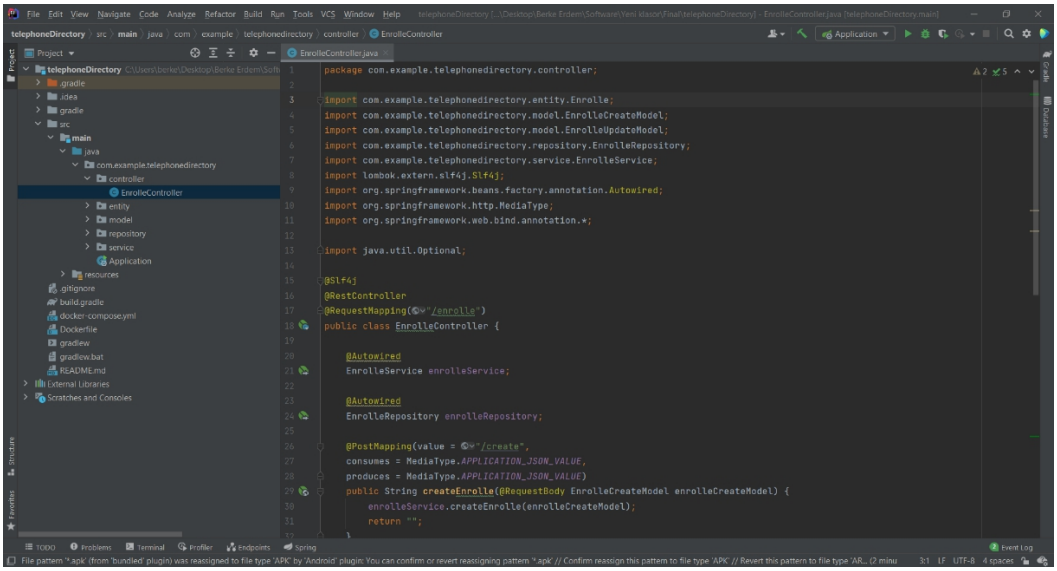

Fig.2. Enrolle Controller Class

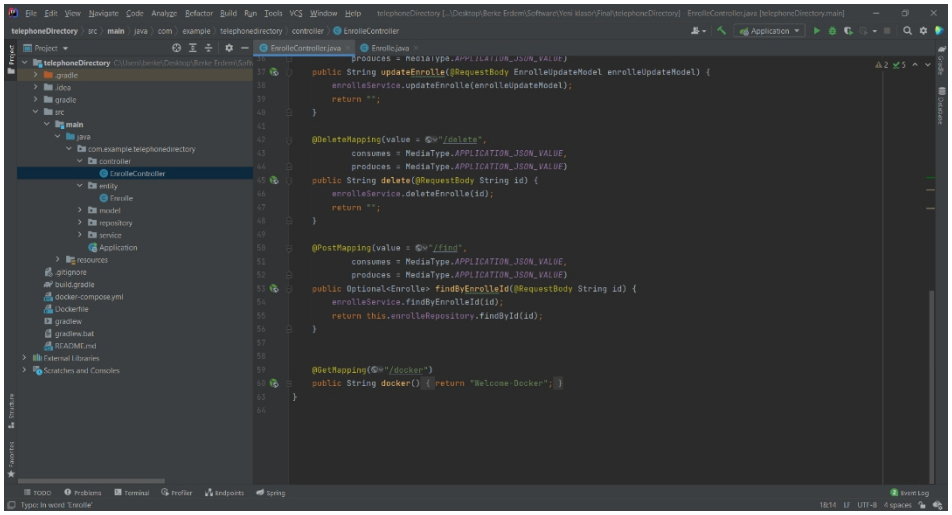

Fig.3. Enrolle Controller Class

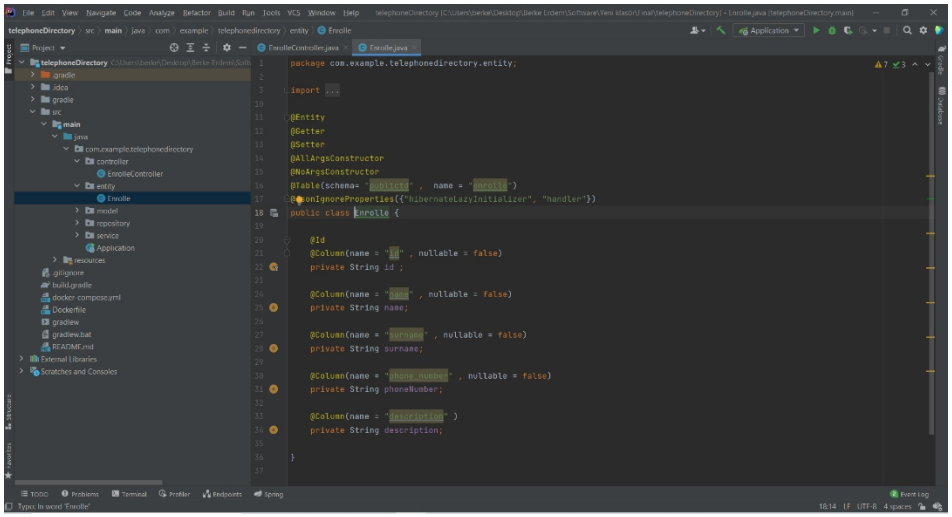

Fig.4. Enrolle Entity Class

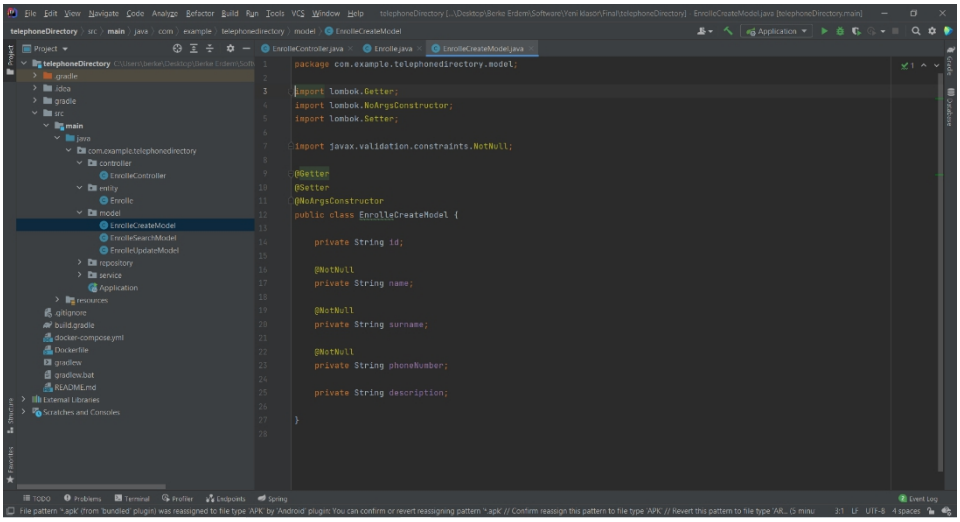

Fig.4. Enrolle Create Model Class

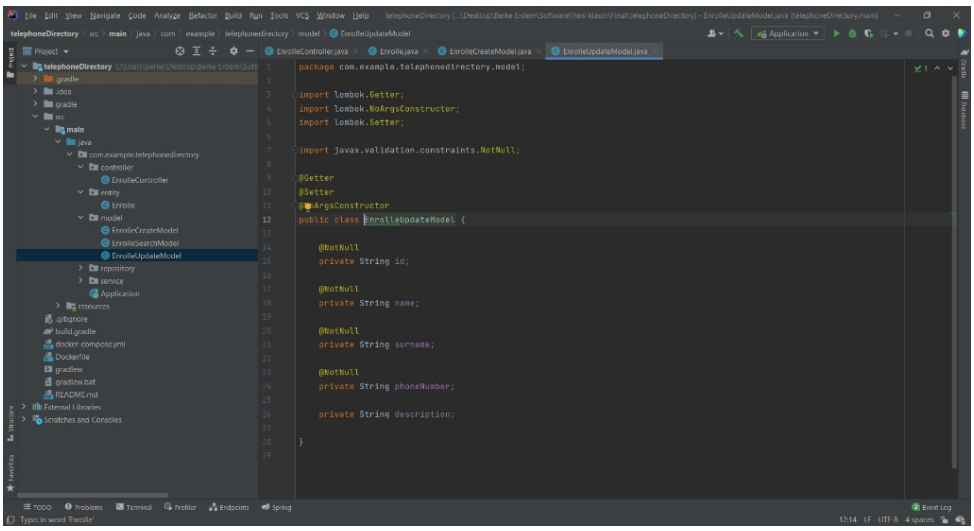

Fig.5. Enrolle Update Model Class

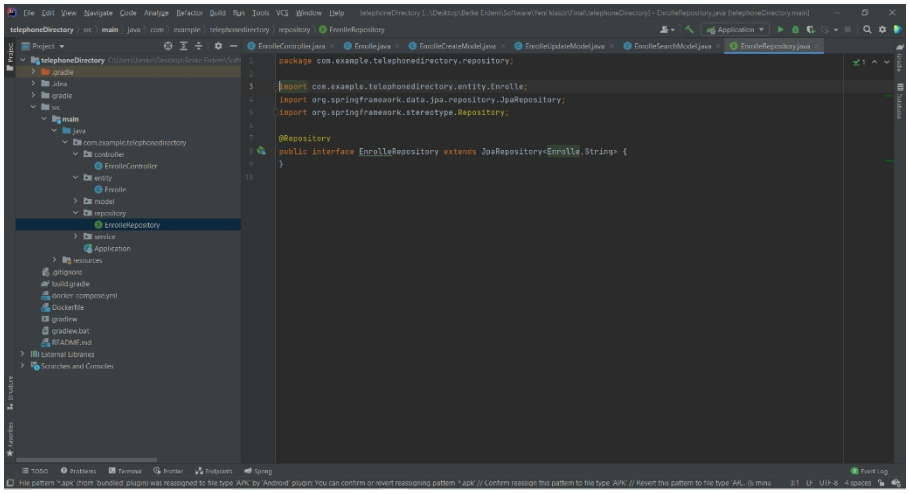

Fig.6. Enrolle Repository Class

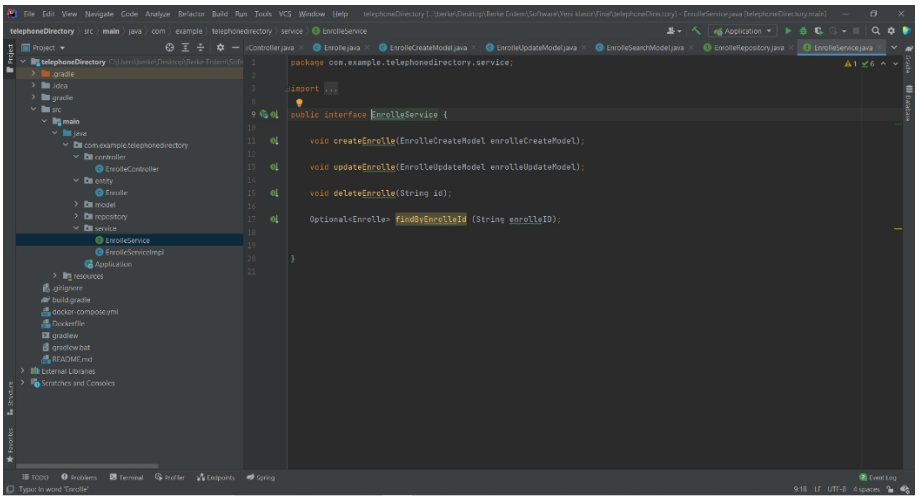

Fig.7. Enrolle Service Class

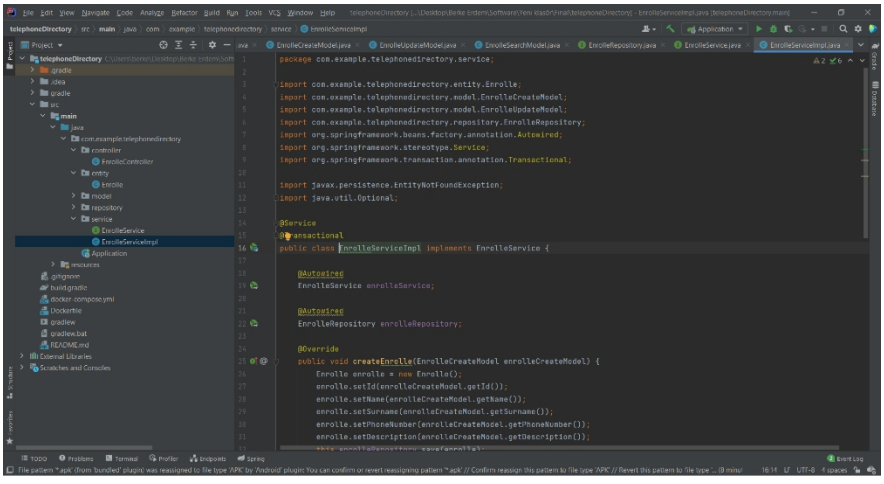

Fig.7. Enrolle Service Implementation Class(1)

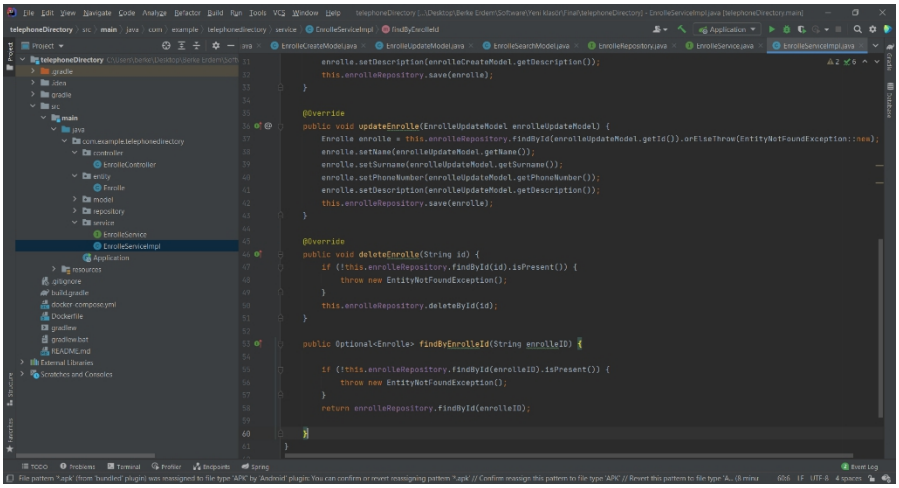

Fig.8. Enrolle Service Implementation Class(2)

Create method saves the data entered in JSON format to the database, with the Delete method, the data is deleted in the database according to the information of the data registered in the database, The data registered in the update method database is updated with JSON format and The FindbyId method, on the other hand, presents the information available in the database according to the id in JSON format.

Gradle was used in the project. It was the first experience.

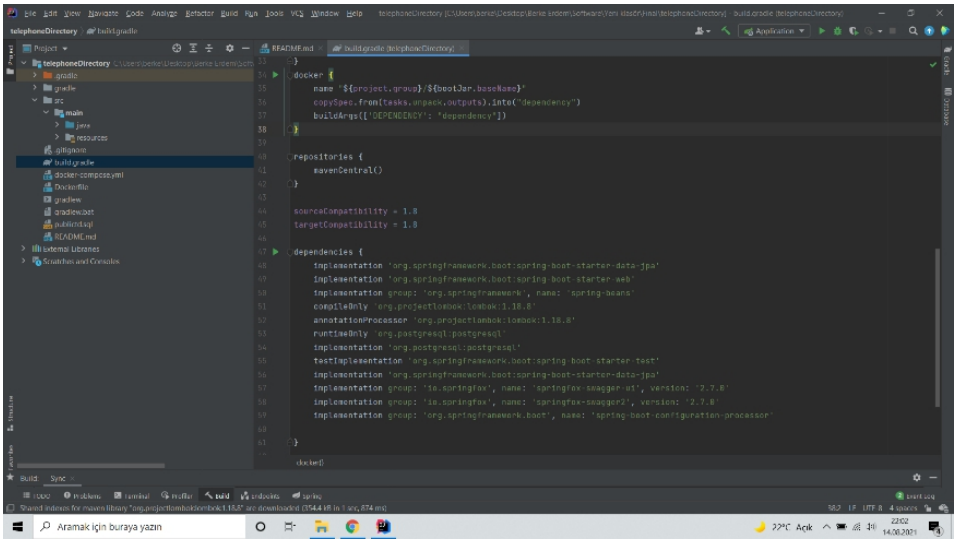

Fig.9. Build Gradle File

The data was kept in the database. PostgreSQL is used. In the Navicat app.Database interaction is provided using Spring-Data.

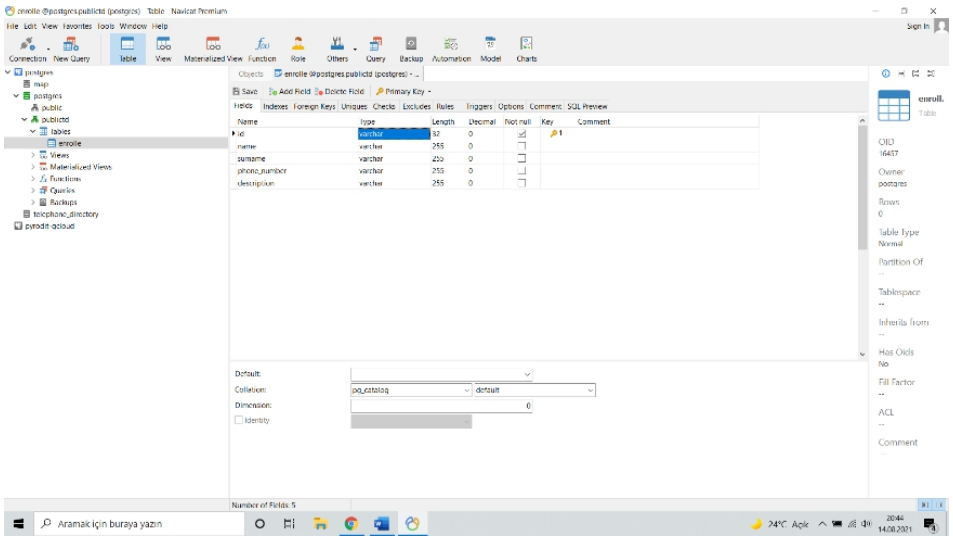

Fig.10. Navicat Enrolle Table

Swagger was added to the project and the tests were done using swagger. (Additional checks were made in Postman.)

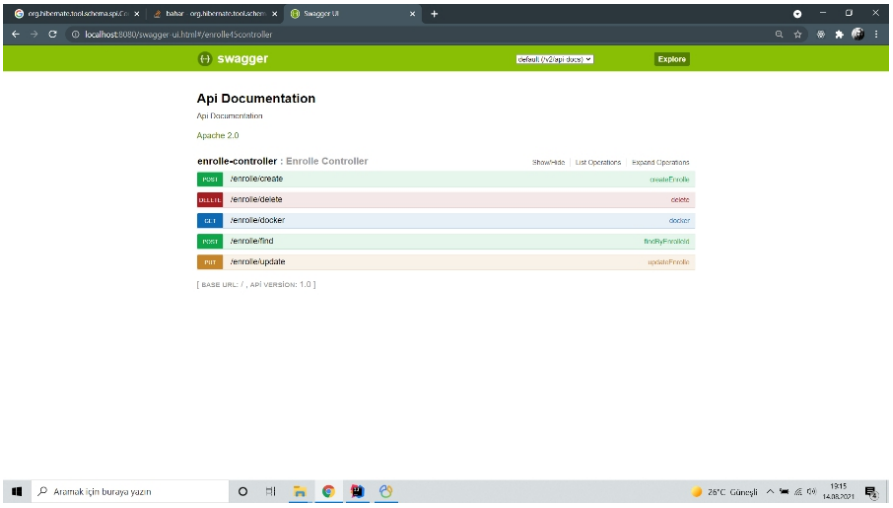

Fig.11. Swagger Dependency

There were difficulties in the Docker part of the project, but the project was supported by using medium articles, udemy courses and web applications such as youtube and the Docker part was completed.

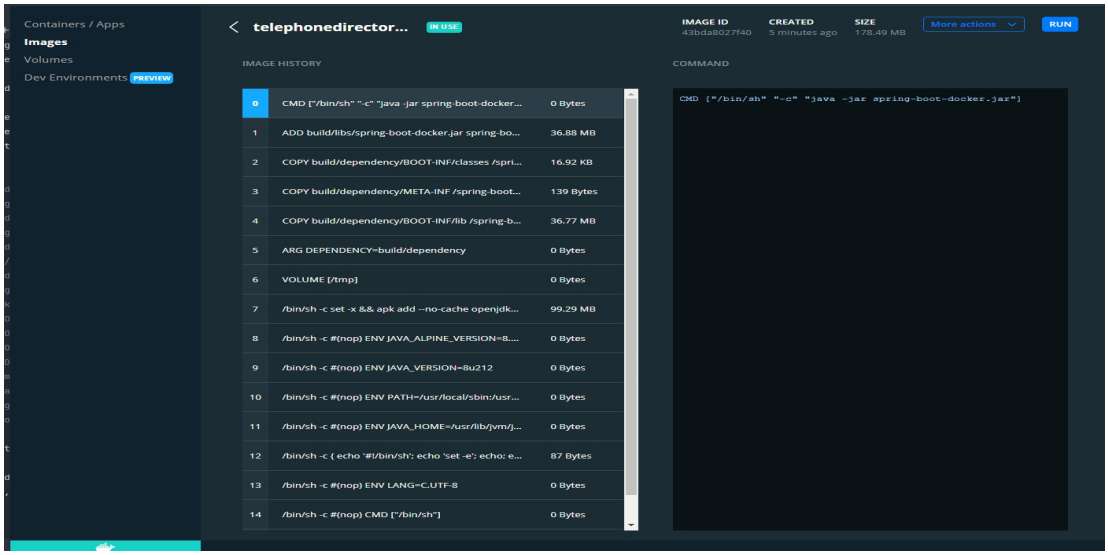

Fig.12. Image History

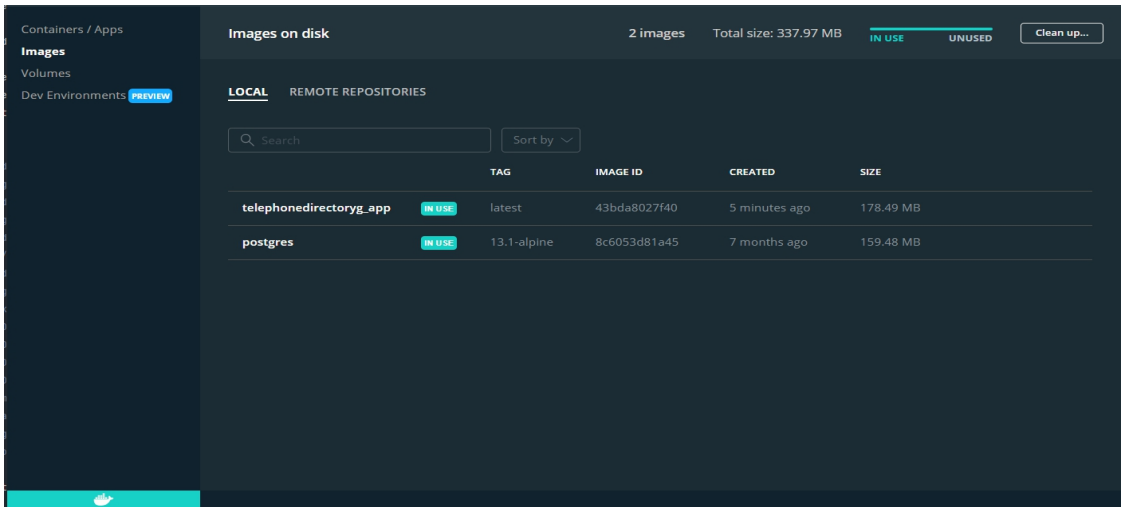

Fig.13. Images on Disc

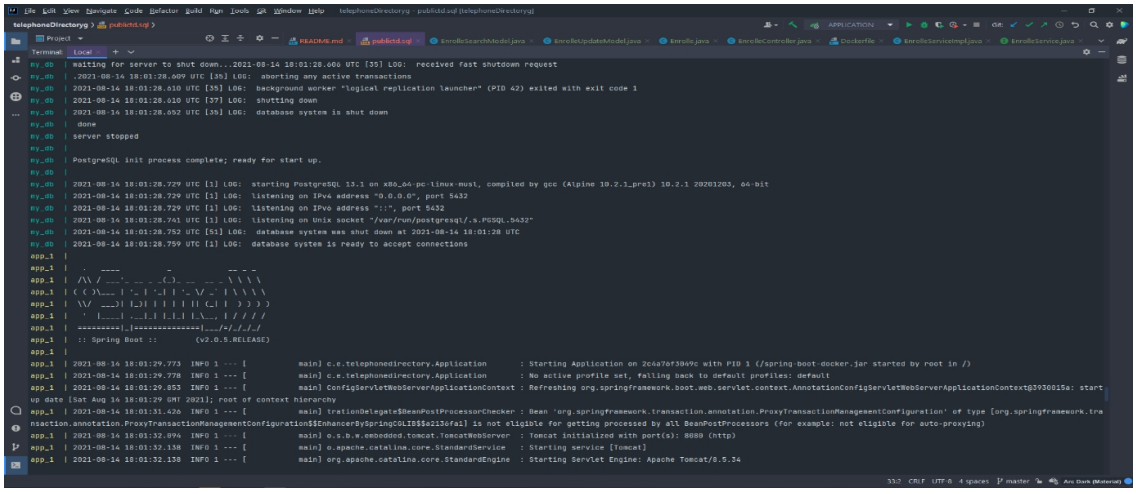

Fig.14. IntelliJ Terminal

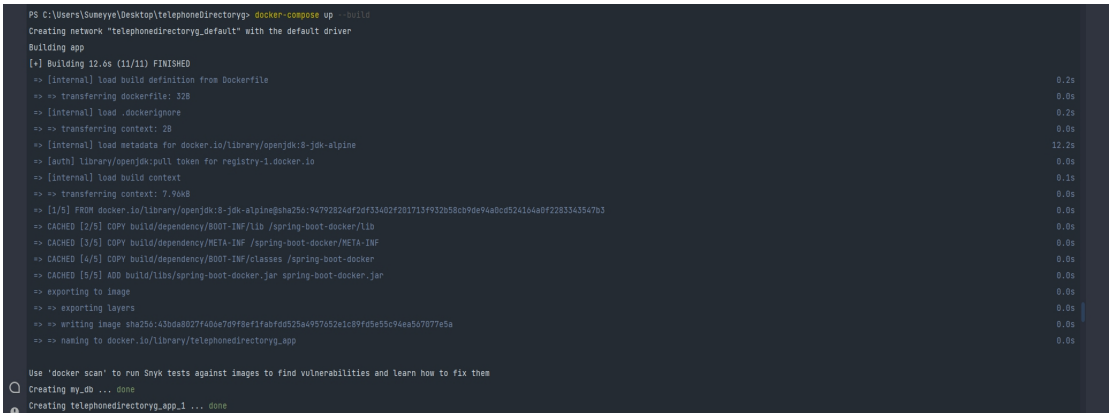

Fig.15. IntelliJ Terminal

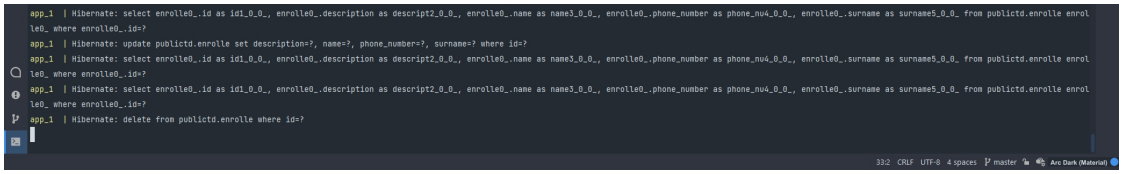

Fig.16. IntelliJ Terminal

Berke ERDEM