

Figure 1 DB Backend Frontend

In acest timp scurt am reusit sa implementez:

- Java Spring Boot este conectat la MySQL data base.
- Java Spring Boot Back End application with CRUD operations for Hotel.
- Established DataBase relationships between the classes (figure 6)
- Created functional React Frontend (figure1 and 2) which gets through Spring Boot Application (figure 3) from the database the Hotel entries and displays in a table the original hotels. The Table contains the filtered Hotels, which are in a radius given by the user.

The screenshot shows a web application with a table of hotels and a filtered view. The table has columns: Hotel Id, Hotel Name, Latitude, Longitude, and Feedback. The filtered view shows hotels within a radius of 15.

Hotel Id	Hotel Name	Latitude	Longitude	Feedback
0	A	10.3	12.3	nice
1	hotel nord	3434	34	
2	hotel sud	1234	123	
3	hotel vest	1234	123	
52	bianca	3	4	nll
53	familia	34	2	ssaaa
102	hotel italia	23	40	baad
103	hotel departe	5000	200	blabla
104	Best hotel	100	100	the best

Pick radius, latitude, longitude:

10000
15
70

Filtered Hotels

Hotel Id	Hotel Name	Latitude	Longitude	Feedback
0	A	10.3	12.3	nice
52	bianca	3	4	nll
53	familia	34	2	ssaaa
102	hotel italia	23	40	baad
104	Best hotel	100	100	the best

Figure 2 Results after the filtering

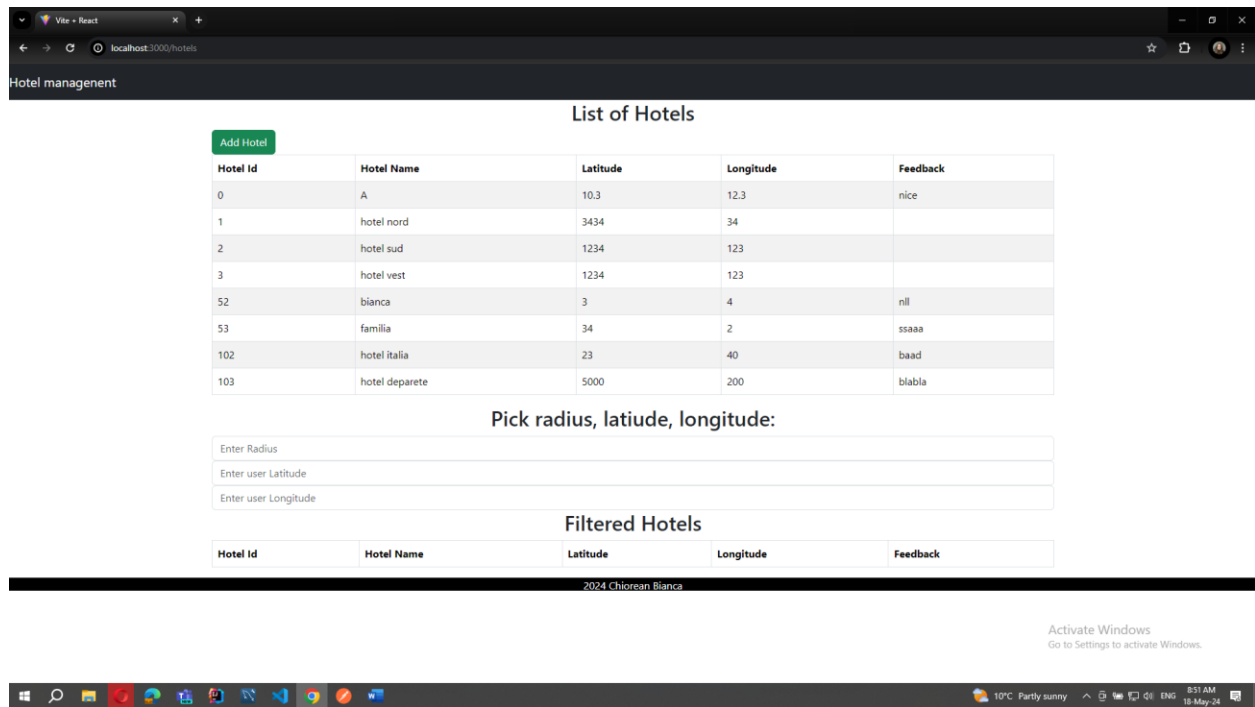


Figure 3Frontend

- User has the option to create new hotels.

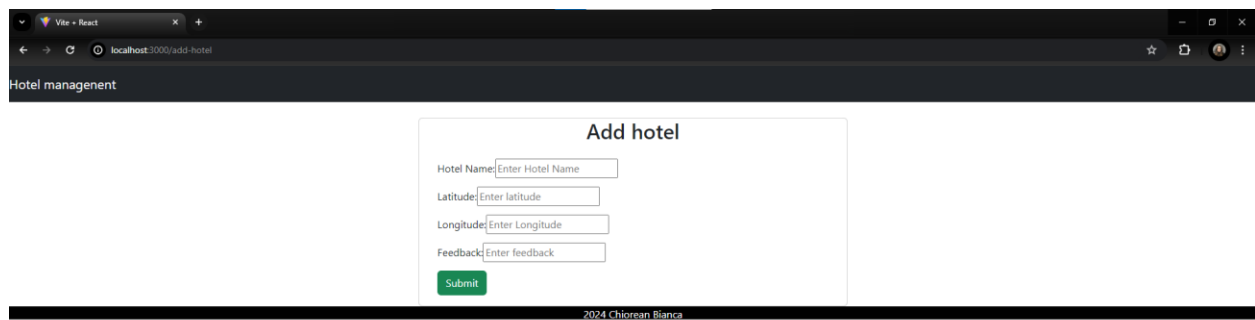


Figure 4 Add Hotel to database

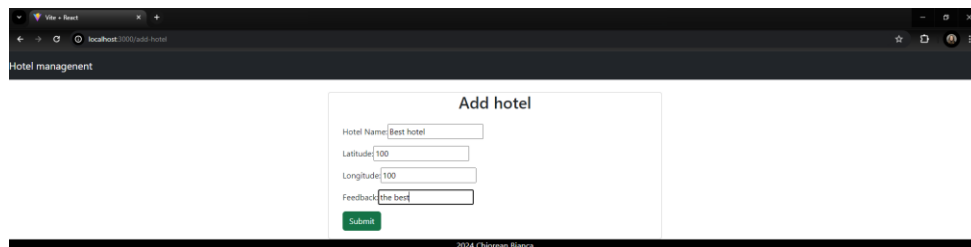


Figure 5 Fields filled.

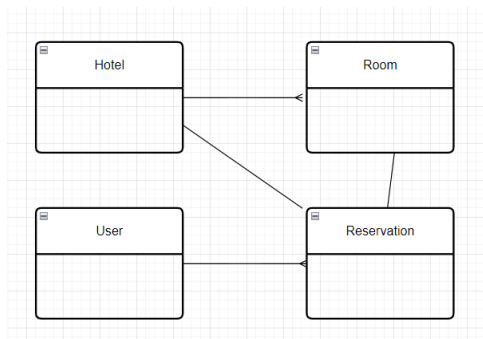


Figure 6 Database diagram