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PURCHASE REQUEST APPLICATION

WEB TECHNOLOGY PROJECT

Done By

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Major in

Software Engineering

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PURCHASE REQUEST APPLICATION

Purchase request application is application that enables employees to submit purchase requests for goods or services they need to procure for their organization. It typically involves a workflow-based system where employees fill out electronic forms with details of their purchase requests, such as the item or service needed, quantity, price, budget code, and other relevant information.
Once a purchase request is submitted, it goes through an automated approval process where designated personnel, such as managers or procurement officers, review and approve or reject the request.

Function Requirement

- The system should allow the user to register into our system with First Names, Last Name Email and Password.
- The system must allow users to login into their accounts by entering their Email and Password.
- The system must allow Admin to login into he/she account by entering their email and password and Landing on user.
- The system should allow the employee to register the new request update and delete .
- The user(customer) should view the different request which was sent to system.

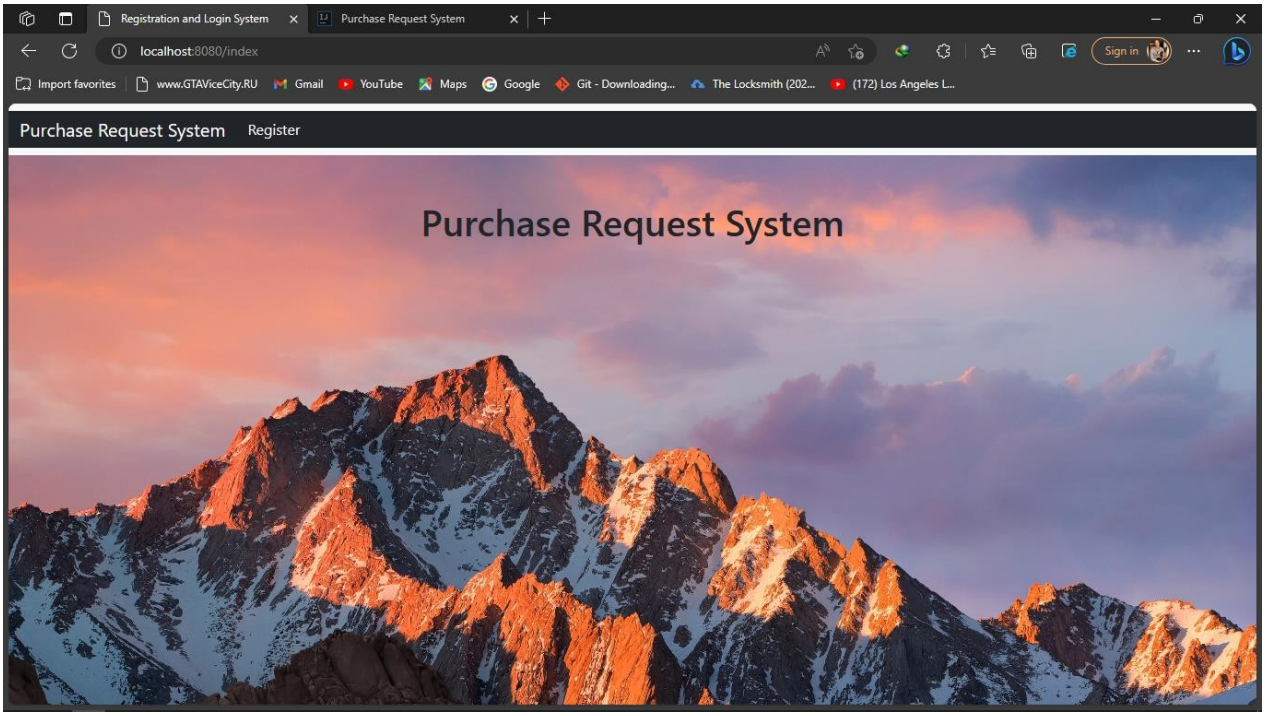
Non-Function Requirement

- The system must perform user request within 10 sec
- The system should not exceed 20 secs in case of downtime
- The user request will not exceed 2 clicks maximum to be completed
- The system must be scalable enough to support 100,000 citizens at the same time while maintaining optimal performance
- The system shall be accessible on laptops/tablets/mobile phones behavior
- The mean time to restore the system (MTTRS) following a failure must not be greater 10 minutes.
- All data inside the system shall be protected against malware attacks or unauthorized access

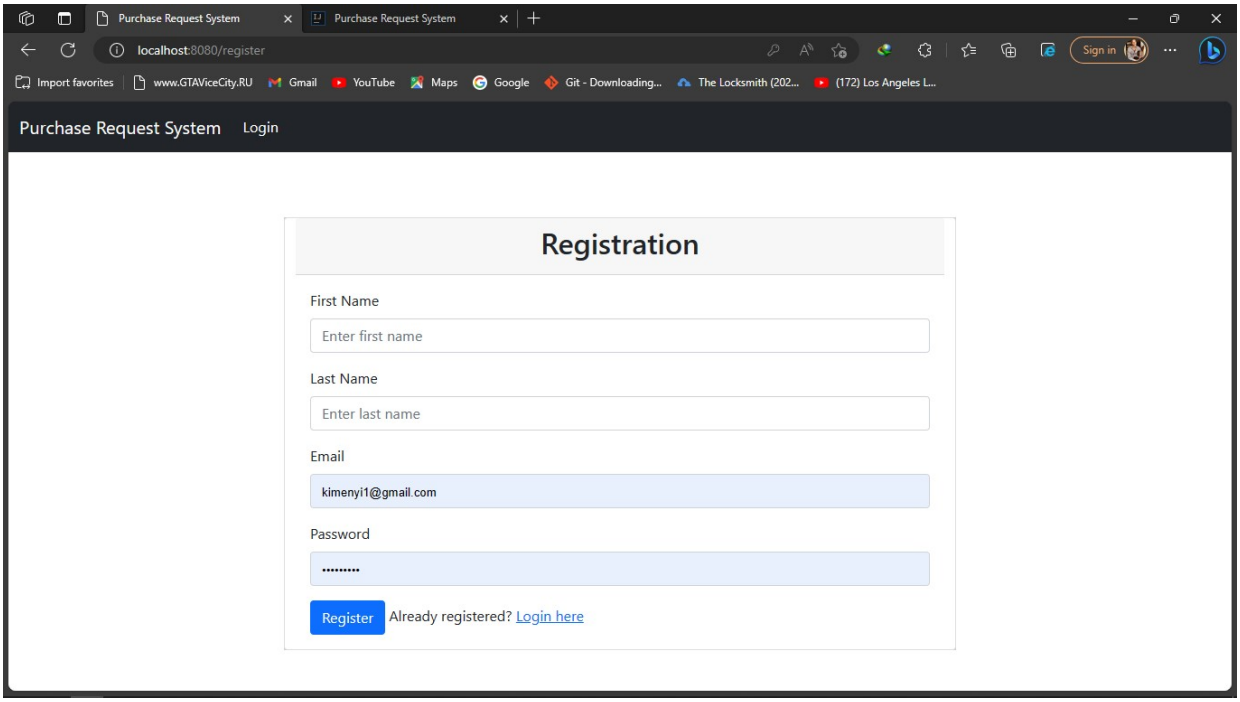
Technology Used

- Spring Security
- Thymleaf
- Mysql
- Spring boot
- Intelj IDE

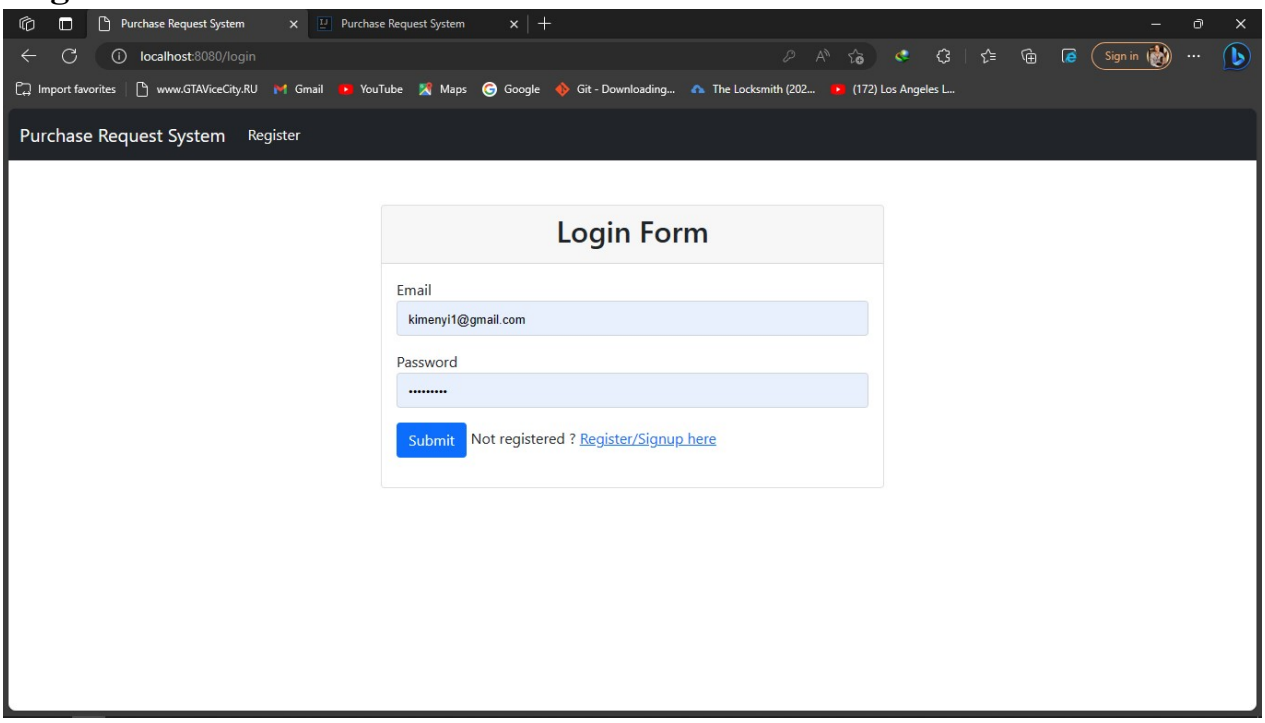
Home Page: Localhost:8080/index



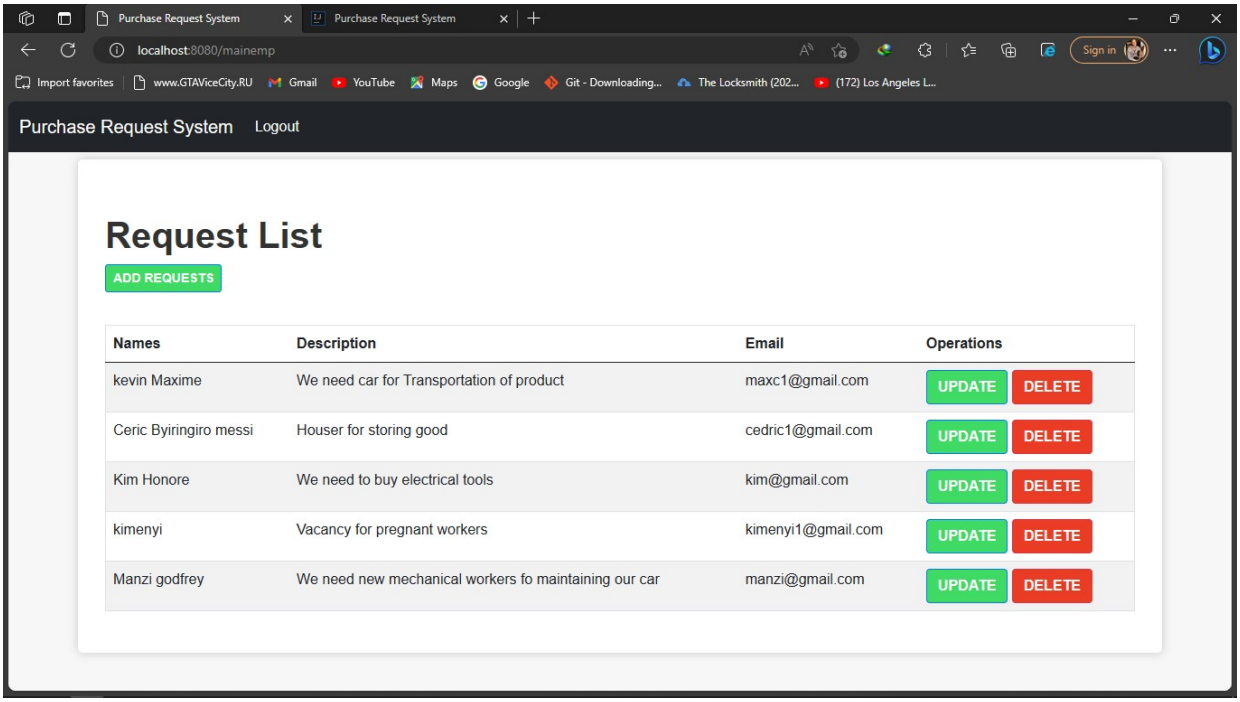
Registration



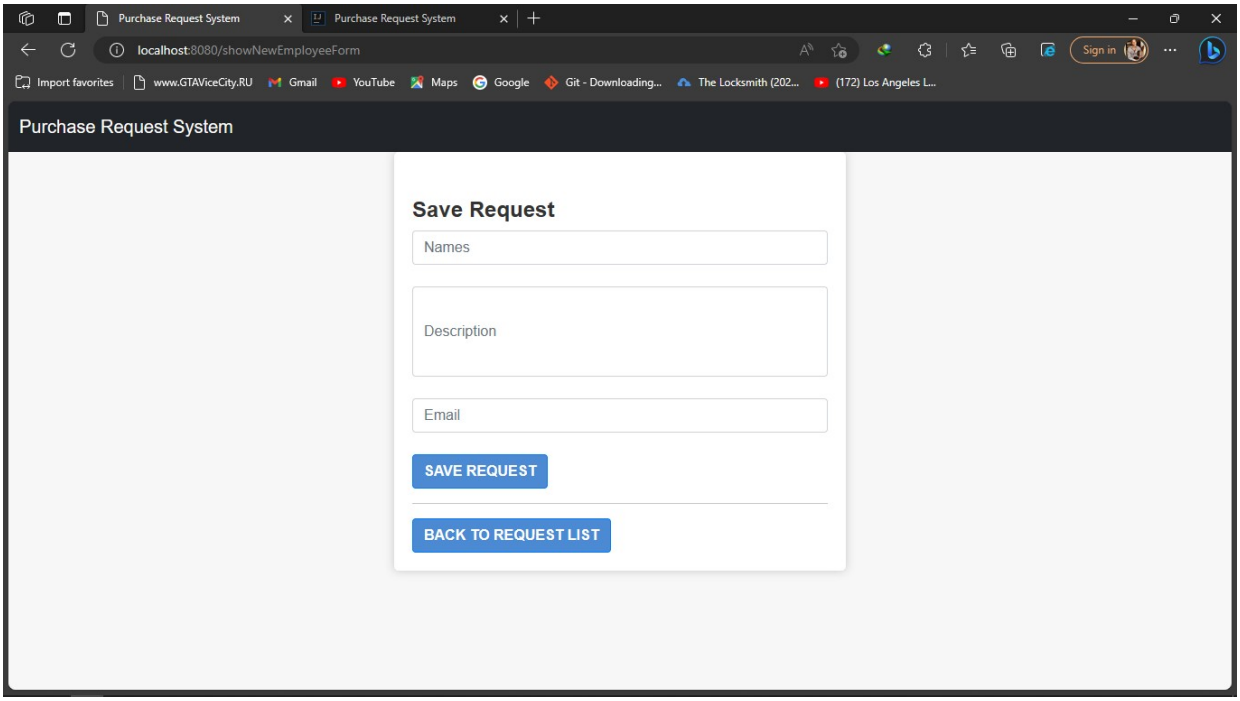
Login



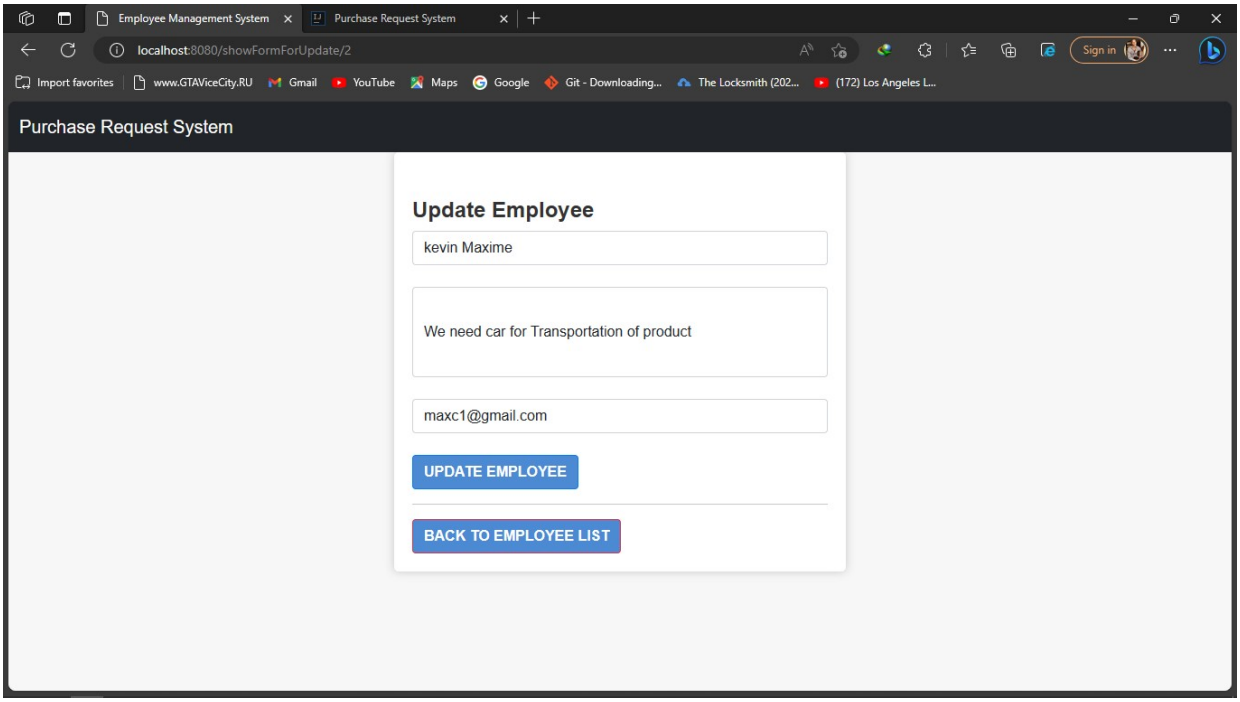
Dashboard of User



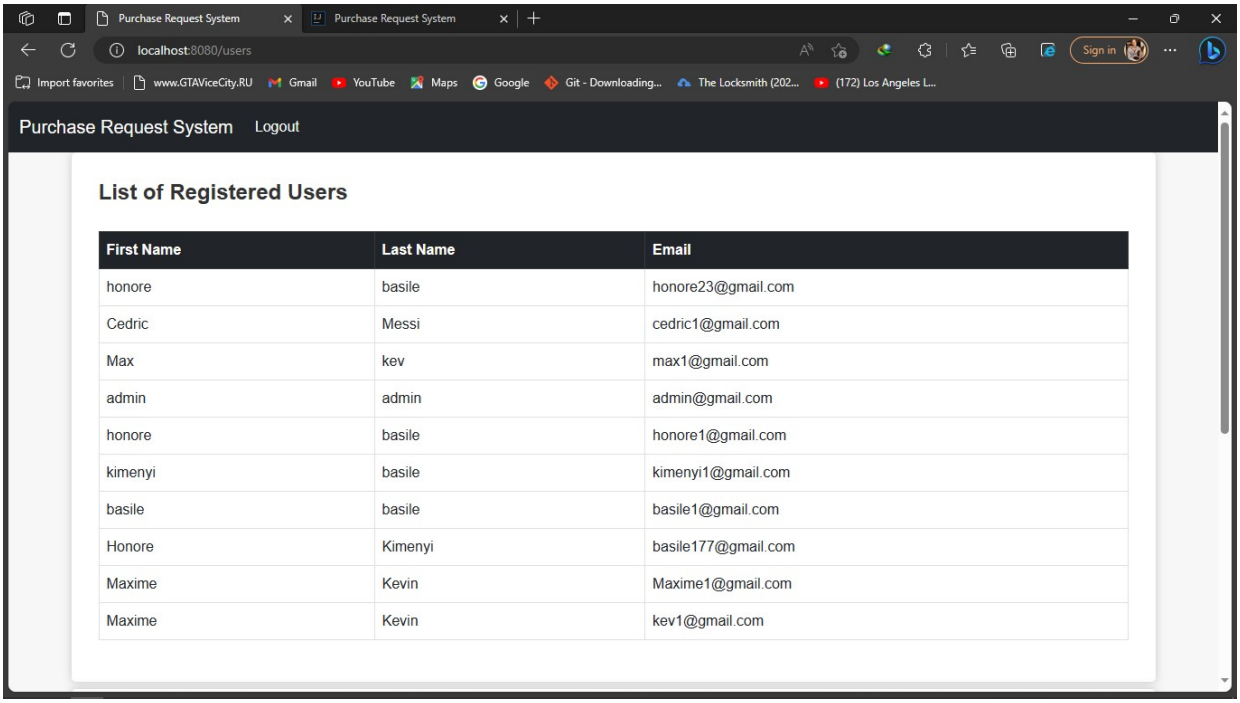
Saving Request

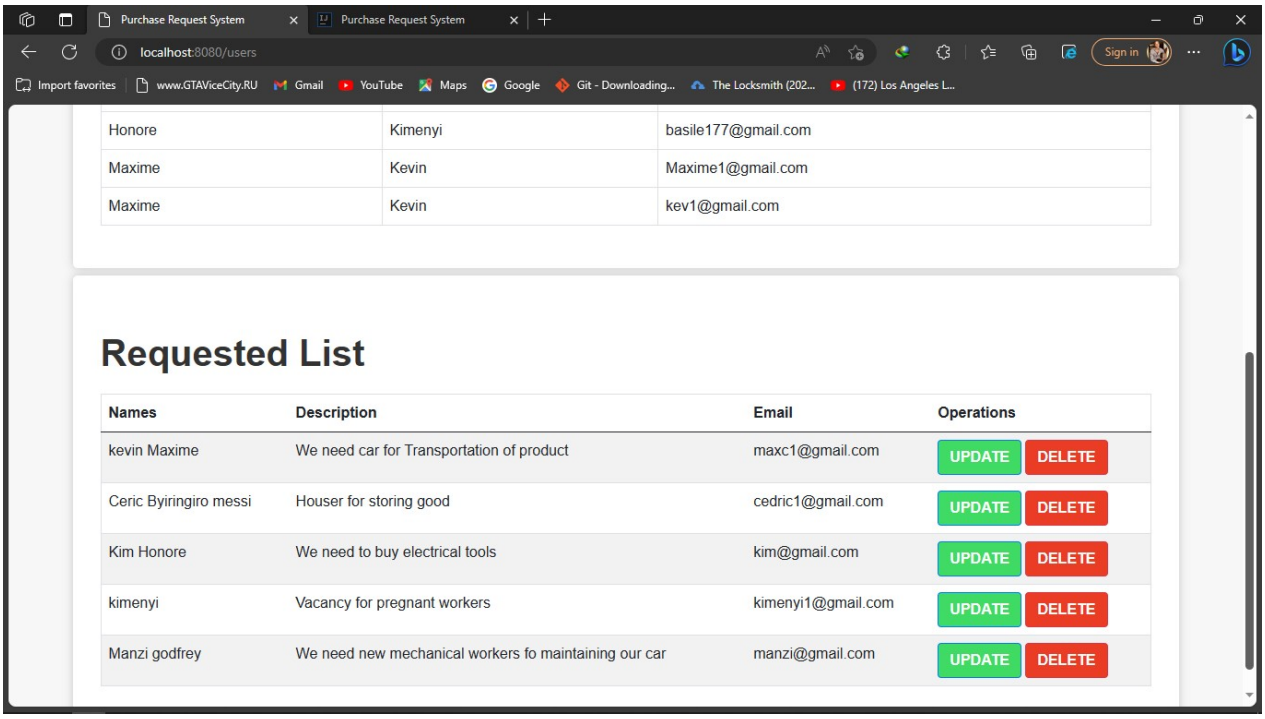


Updating request

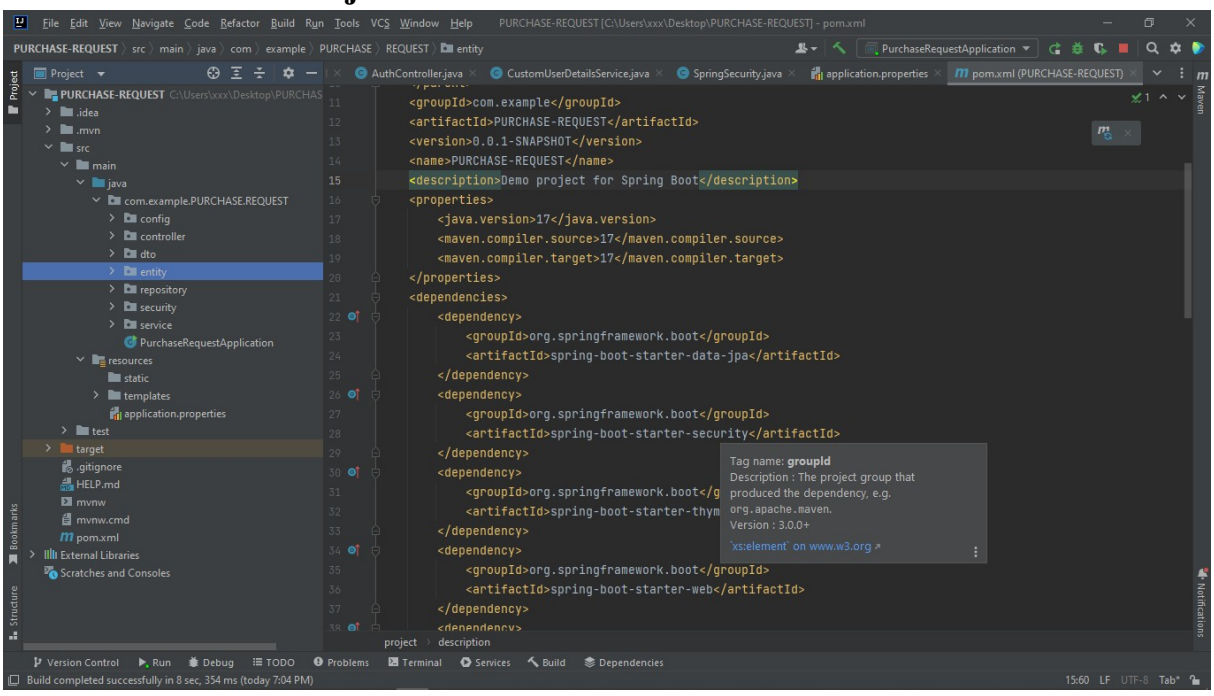


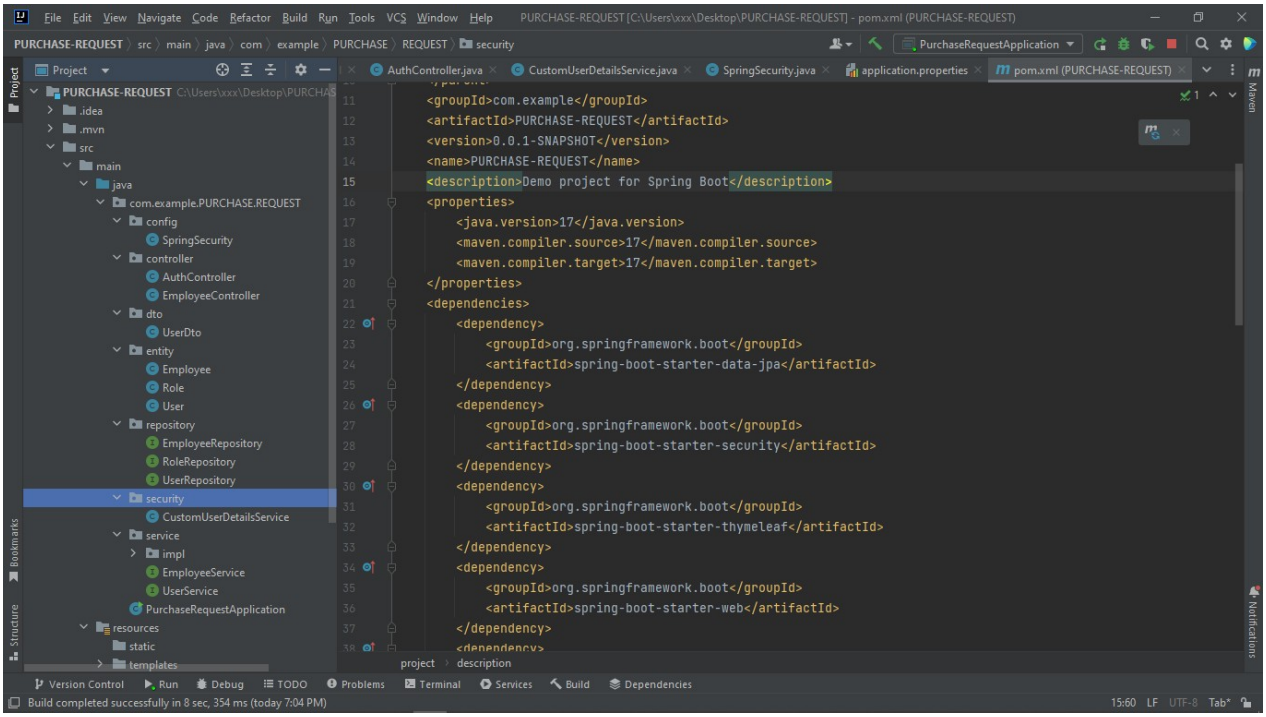
Dashboard of The Admin



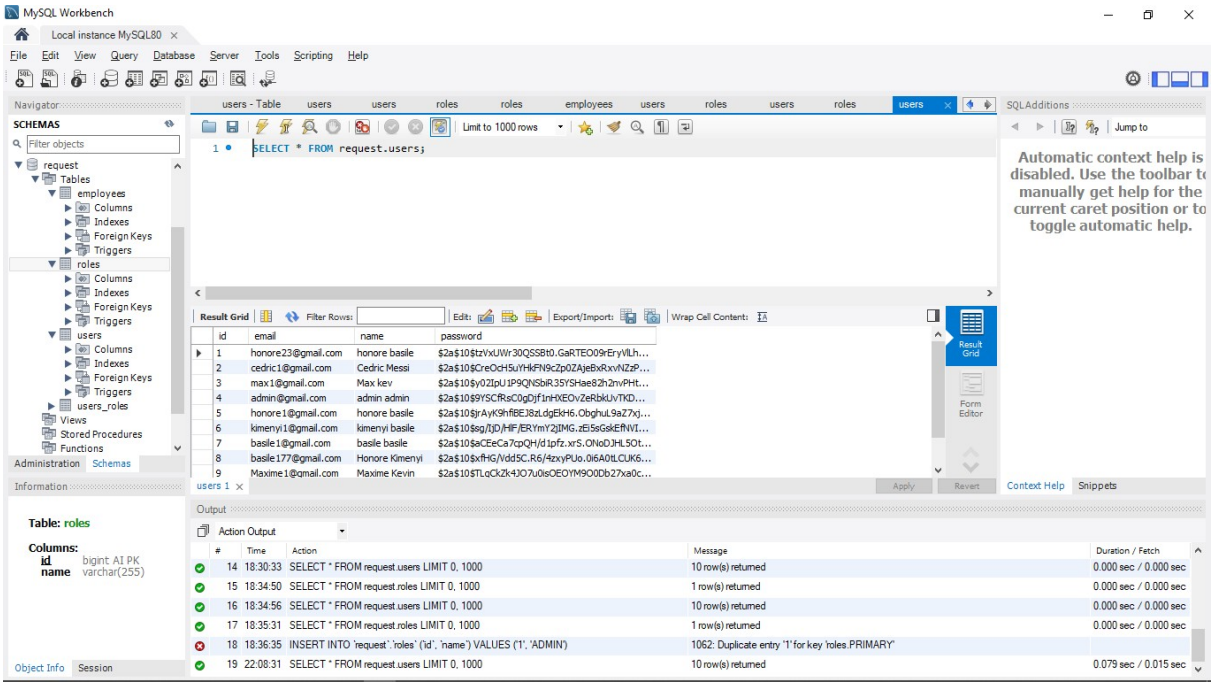


Structure of the Project





Structure of the Database : Database name is request



Project Plan Schedule

S/N	ACTIVITIES	WEEK1	WEEK2	WEEK3	WEEK4
1	Task 1				
2	Task 2				
3	Task 3				
4	Task 4				
5	Submit Project				