UserService API Using Java And SpringBoot

1. Implement a Spring Boot microservice responsible for user management.
2. User Controller

- End Points : /api/users/register
- To register User
- URL :- http://localhost:8080/api/users/register
- Method : POST
- Request Body as in screenshot
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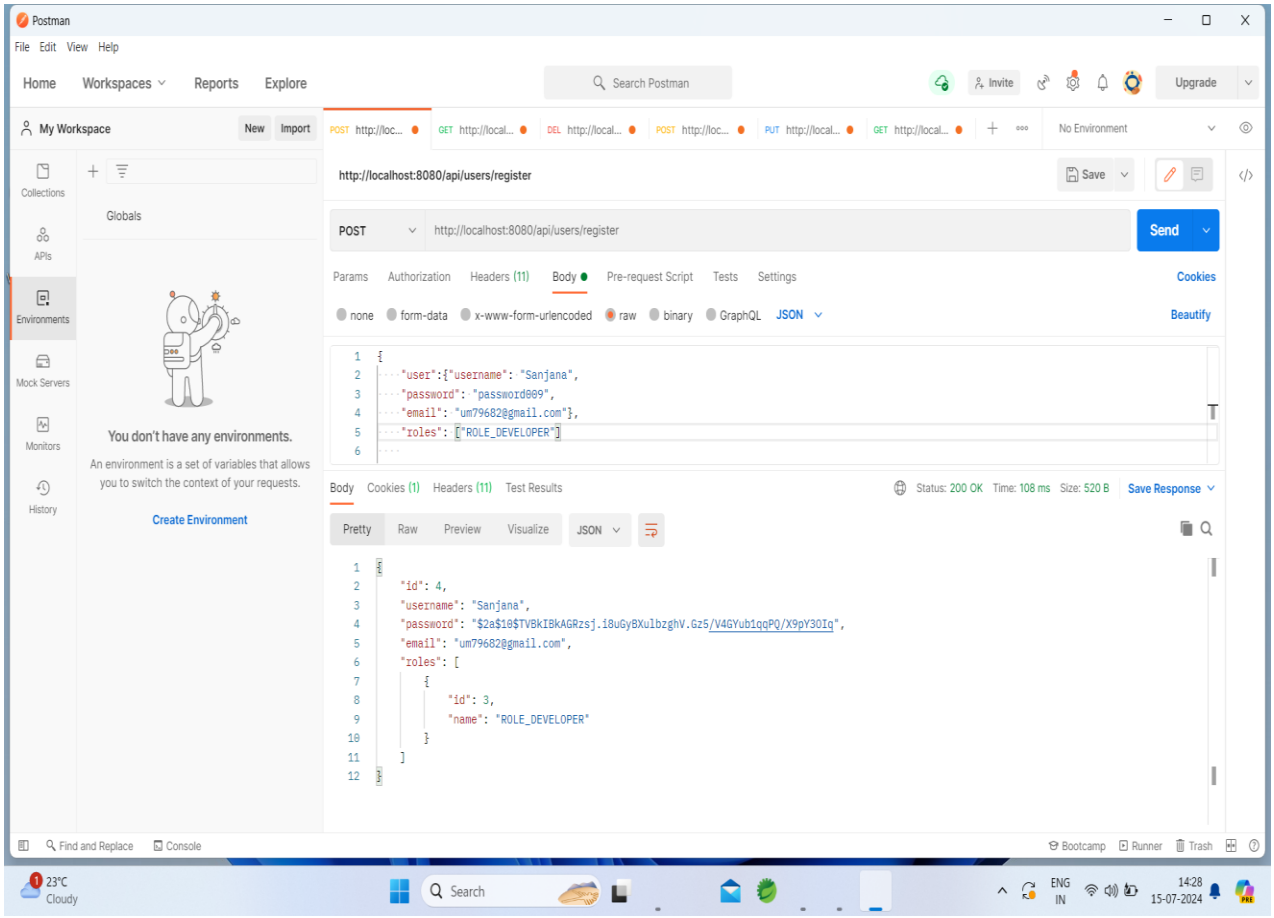
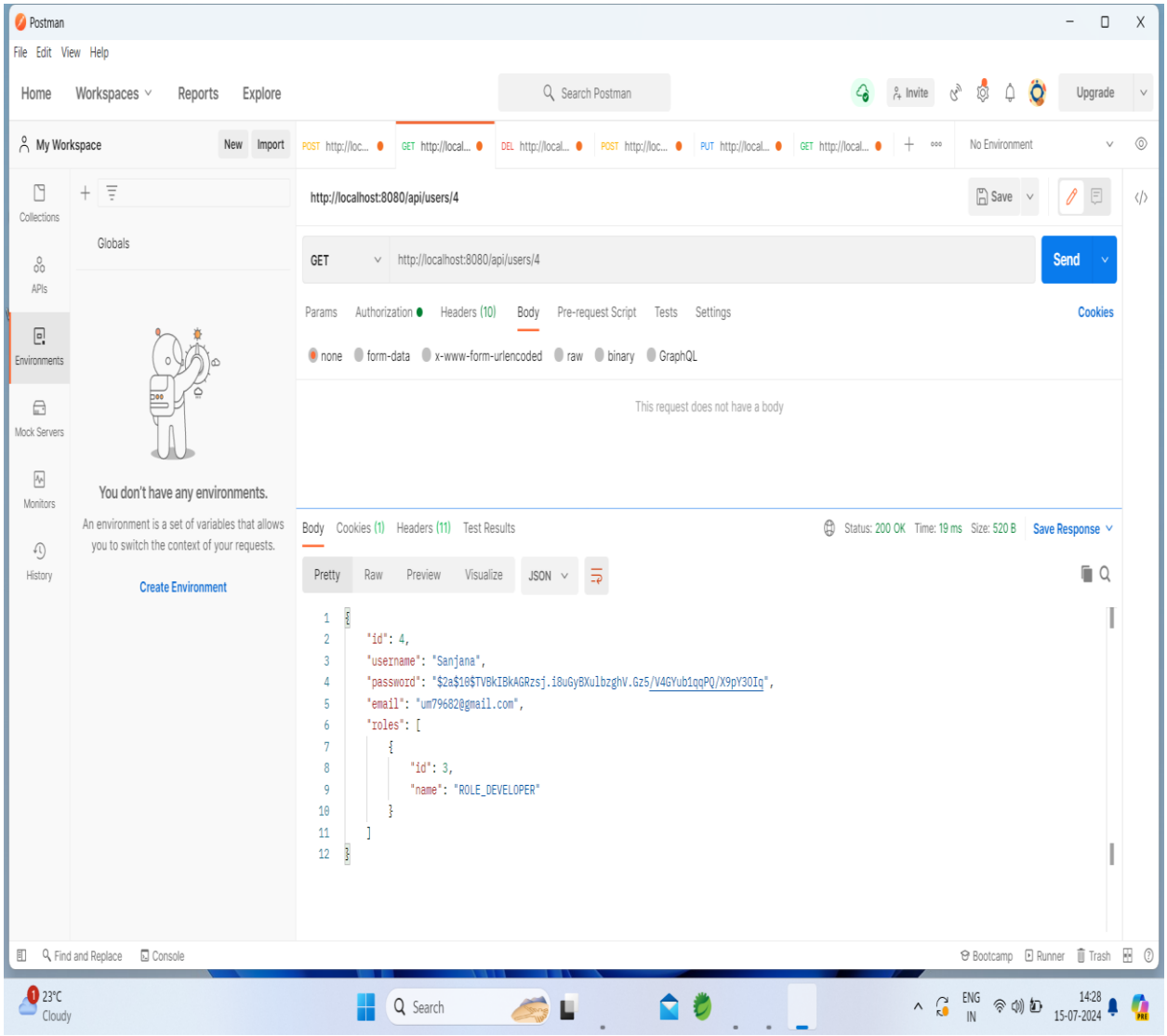


- End Point : /api/users/{id}
- URL :- http://localhost:8080/api/users/{id}
- To get user
- Method : GET
- Headers : Basic Auth
- Authorization : Username → admin and Password → password
- Response as in screen shot



- End Point : /api/users/{id}
- URL :- http://localhost:8080/api/users/{id}
- To update user
- Method : PUT
- Headers : Basic Auth
- Authorization : Username → admin and Password → password
- Request Body as in screenshot
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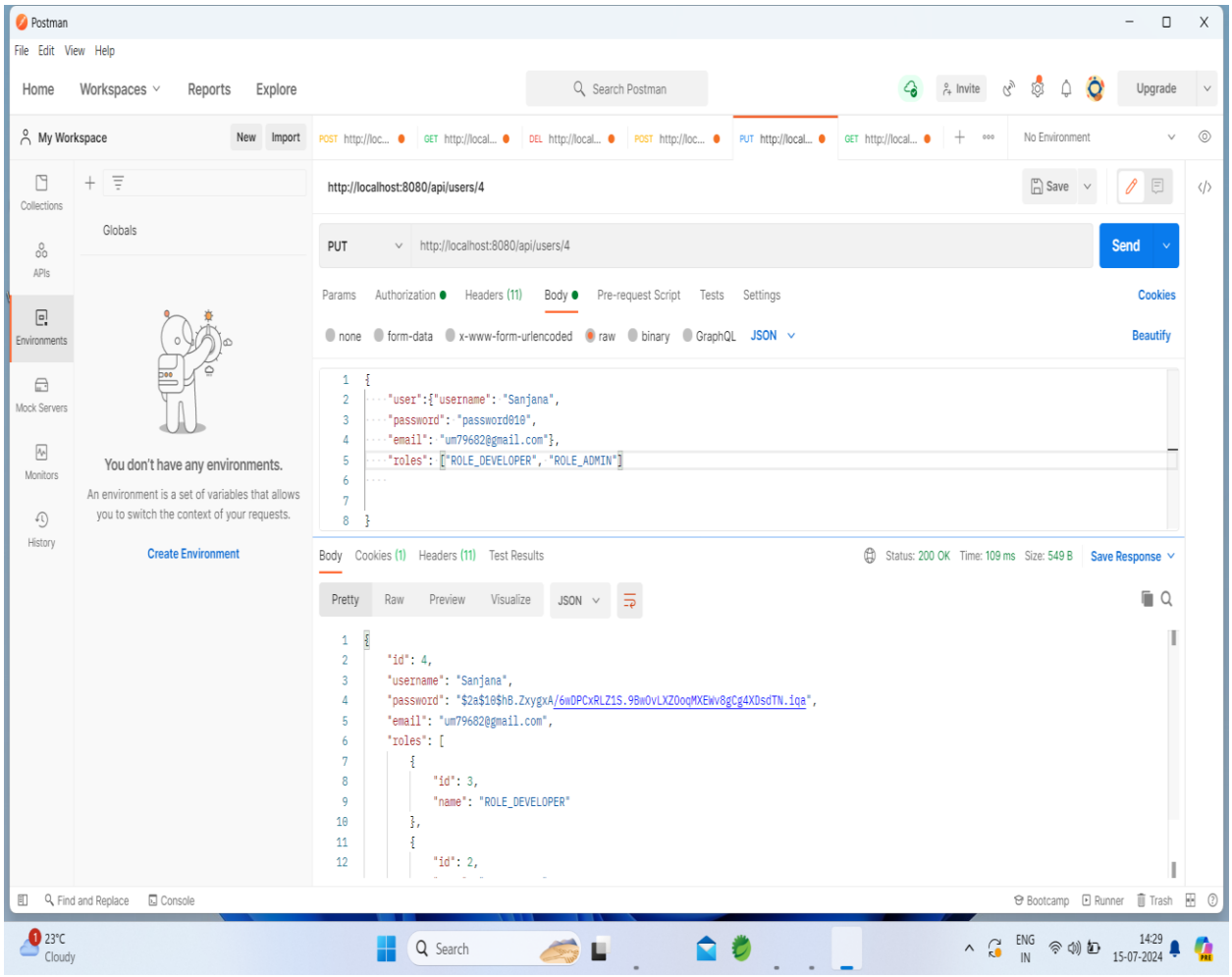
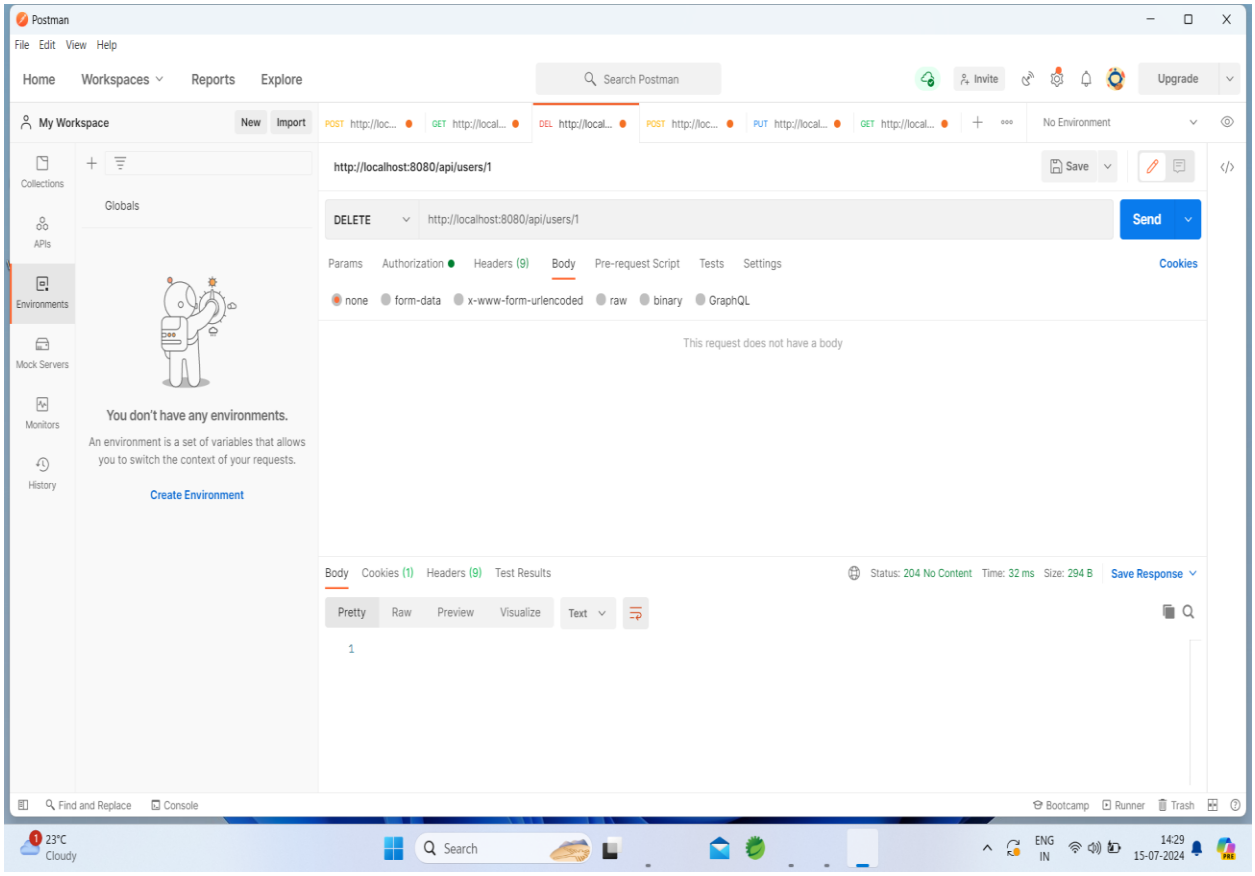


- End Points : /api/users/{id}
- To delete user
- Method: DELETE
- URL :- http://localhost:8080/api/users/{id}
- Headers : Basic Auth
- Authorization : Username → admin and Password → password
- Request as in screen shot



- End Points : /api/users/role
- To create Role
- Method: POST
- URL :- http://localhost:8080/api/users/role
- Headers : Basic Auth
- Authorization : Username → admin and Password → password
- Response as in screenshot
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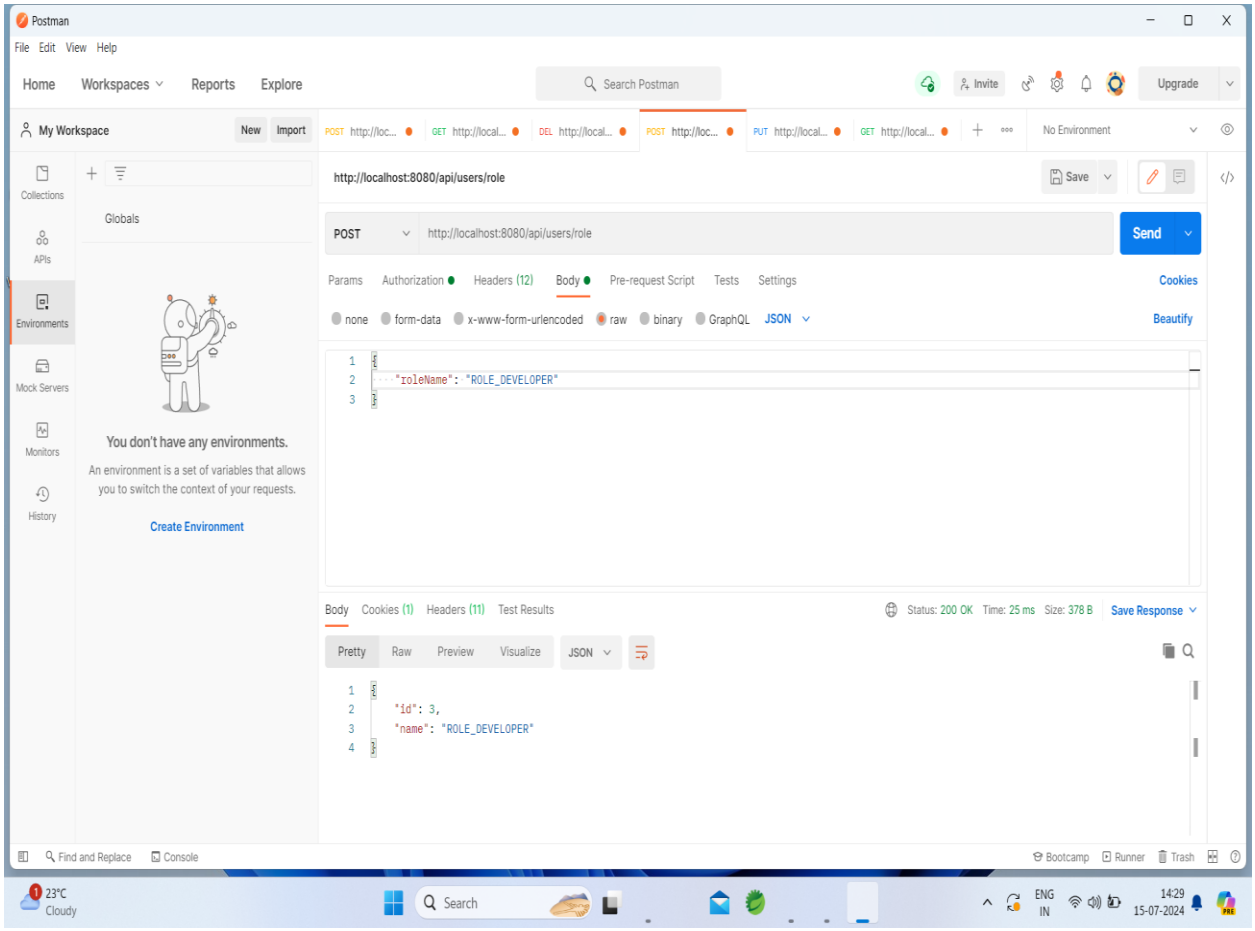
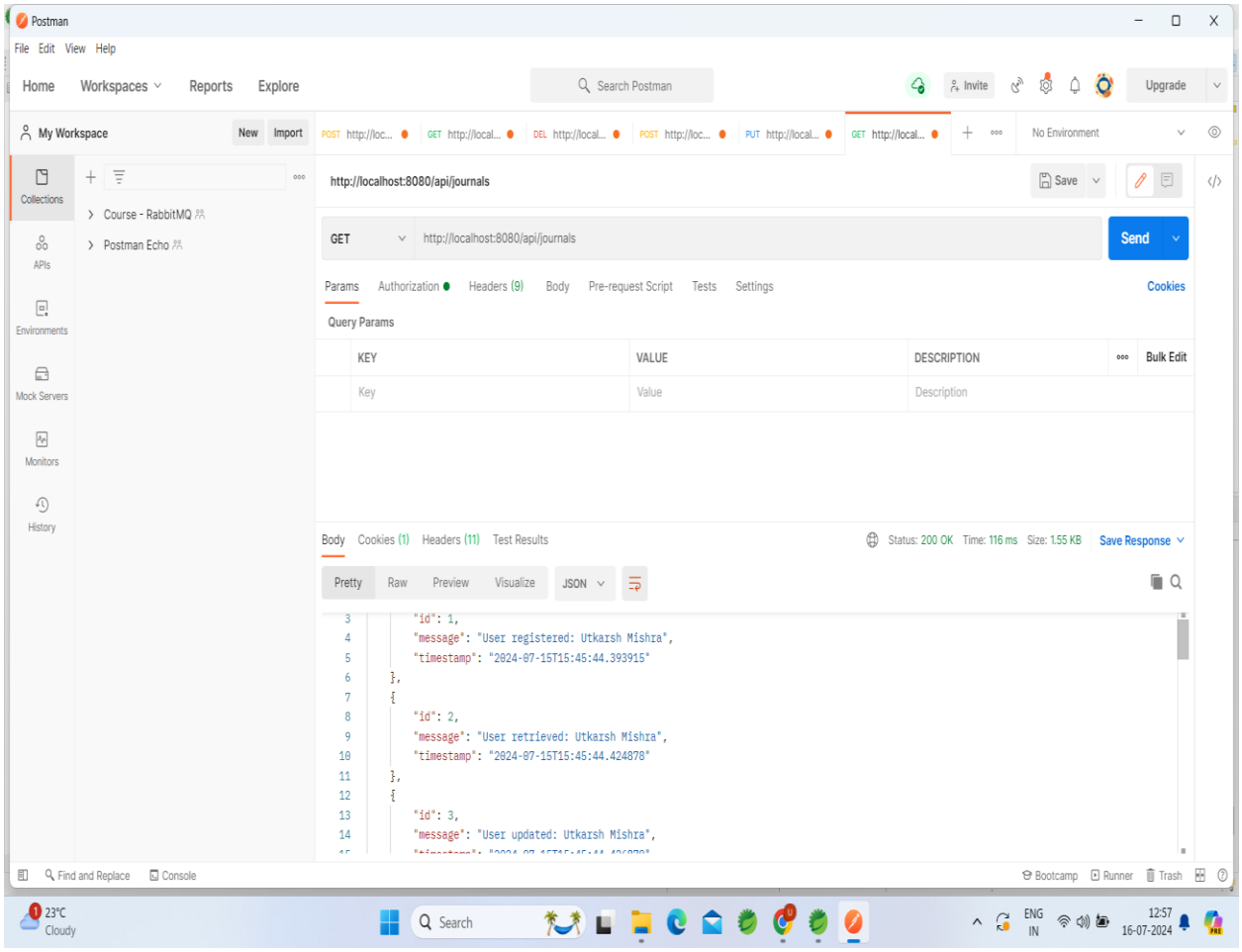


3. Implement another Spring Boot Micro service responsible for journaling user events.
4. Journal Controller

- End Points : /api/journals
- To get all journals
- Method: GET
- URL :- http://localhost:8080/api/journals
- Headers : Basic Auth
- Authorization : Username → admin and Password → password
- Response as in screenshot



- End Points : /api/journals/{id}
- To get single journal
- Method: GET
- URL :- http://localhost:8080/api/journal/{id}
- Headers : Basic Auth
- Authorization : Username → admin and Password → password
- Response as in screenshot
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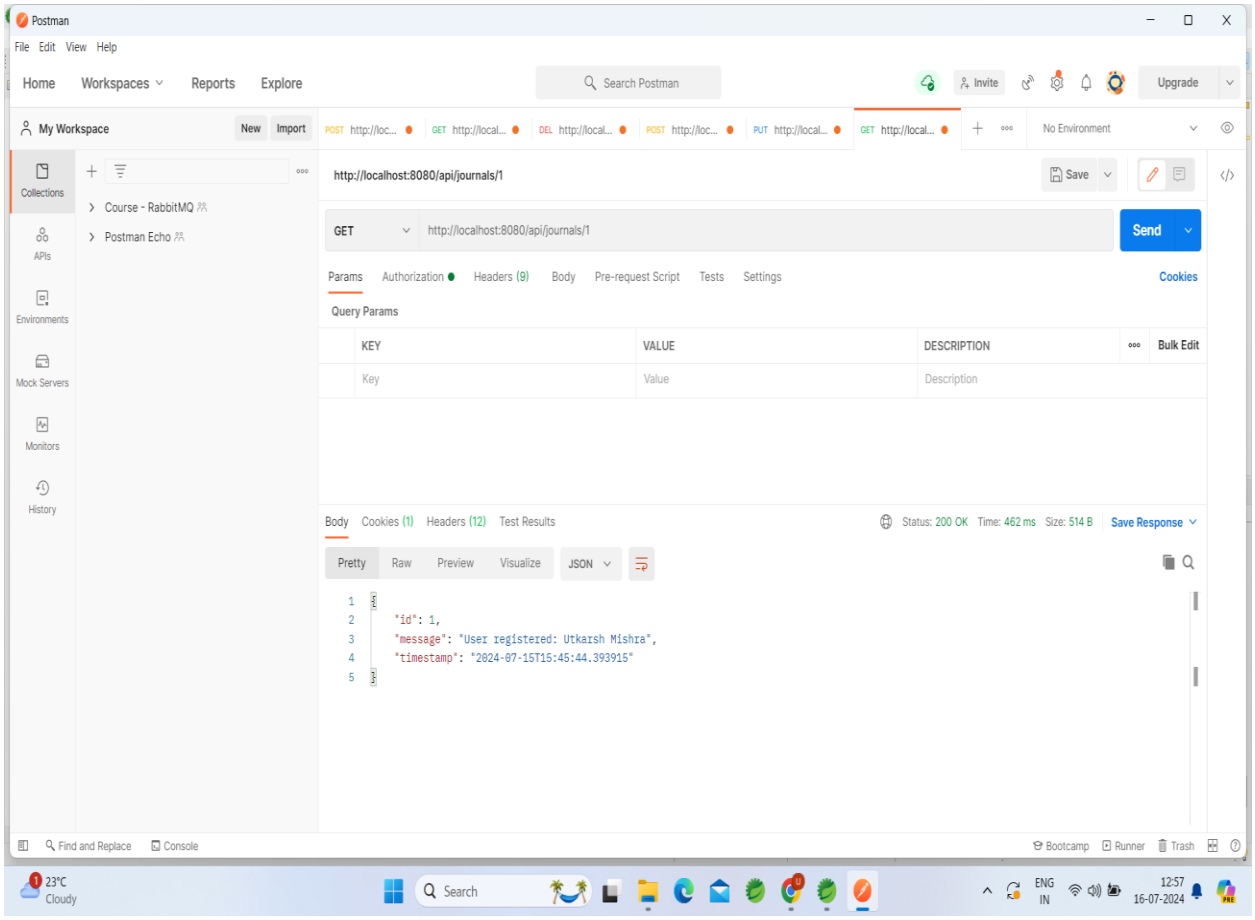
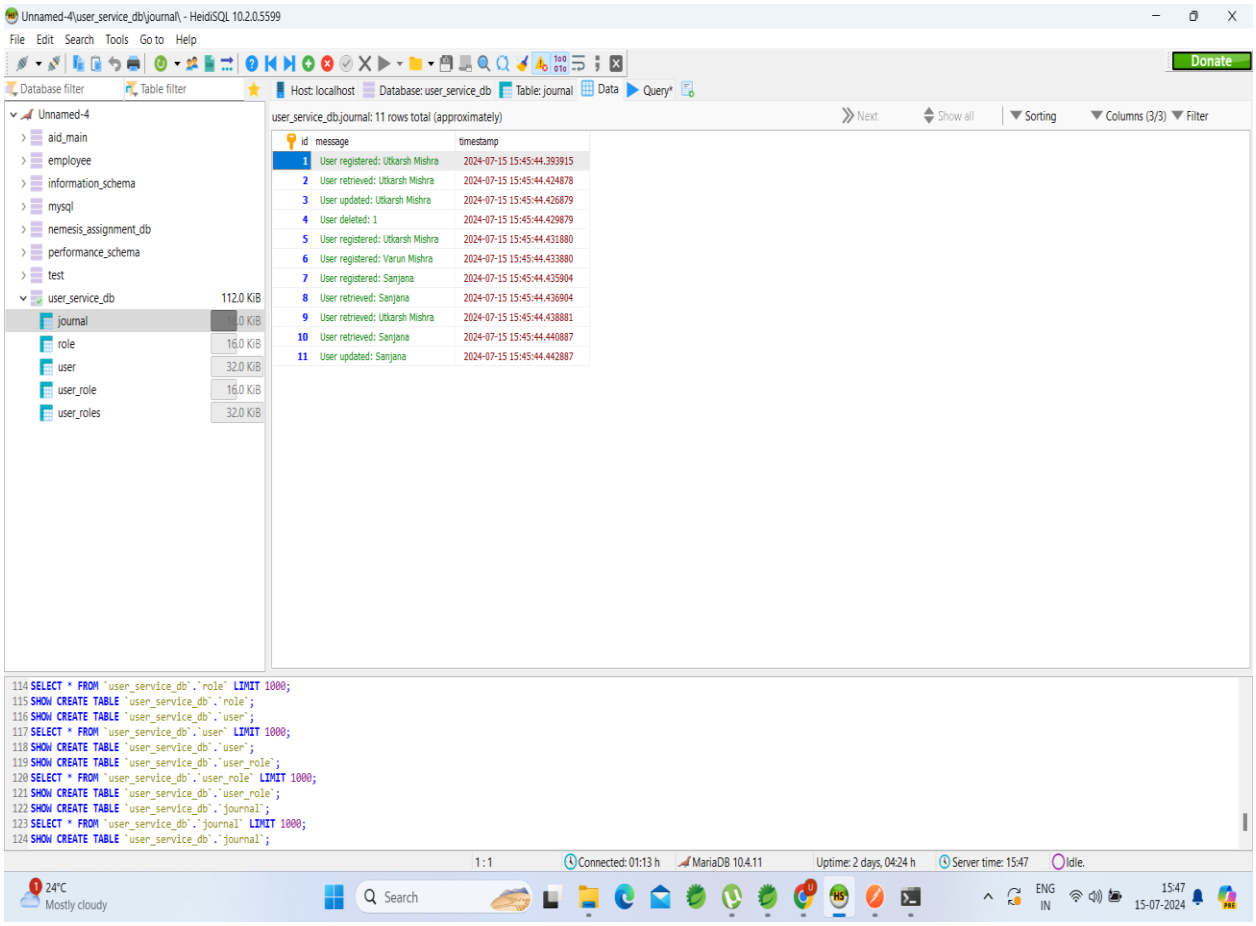
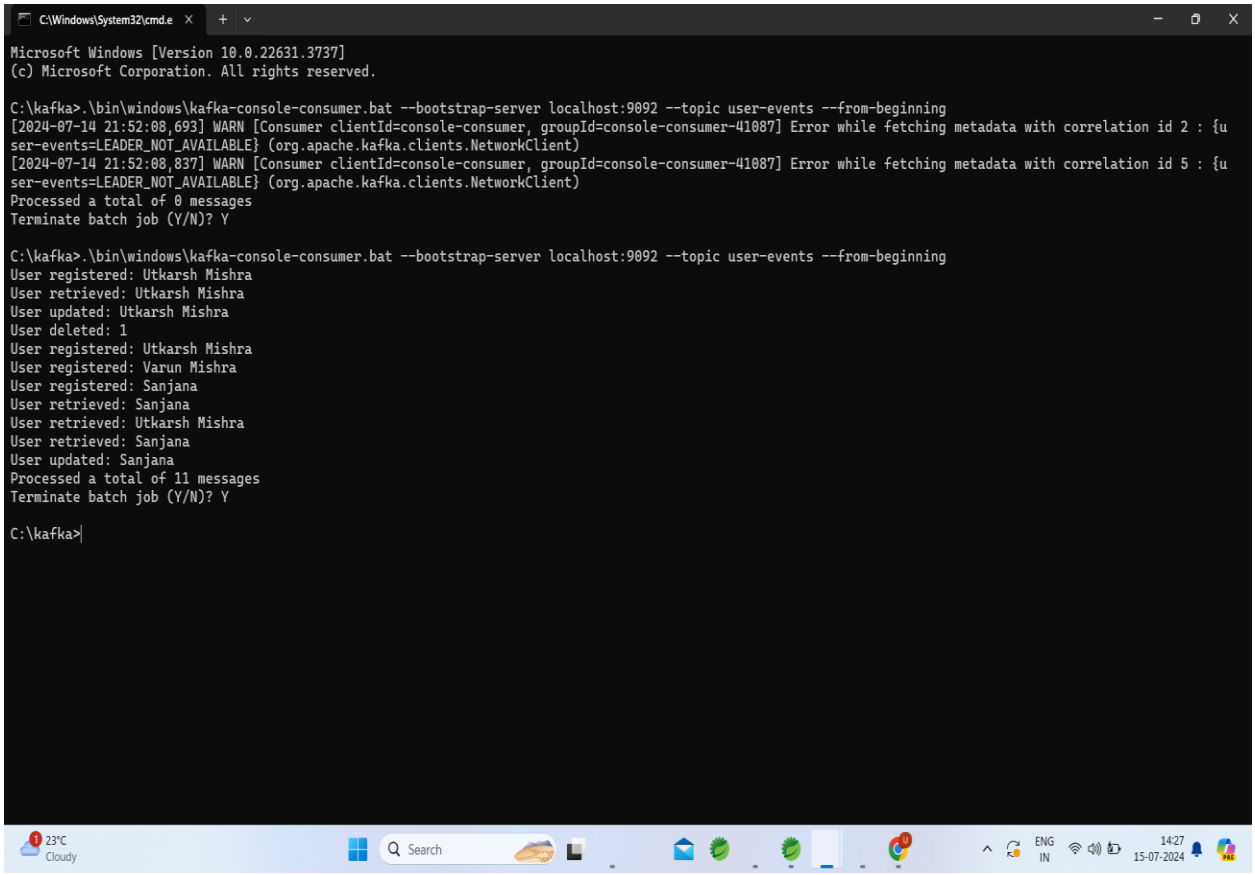


- Screenshot of Journal entry in database
- 

- Screen Shot Of Kafka Console
- 

- To run application
- Create Docker file
- Command :- docker build –t user-service:latest
- Command :- docker run –d –p 8080:8080 –name user-service-container user-service:latest
- Or the project can be run directly from ide
- Run Application → Run As Spring Boot APP