1. URL Github Repository : https://github.com/doffy007/user-login-register
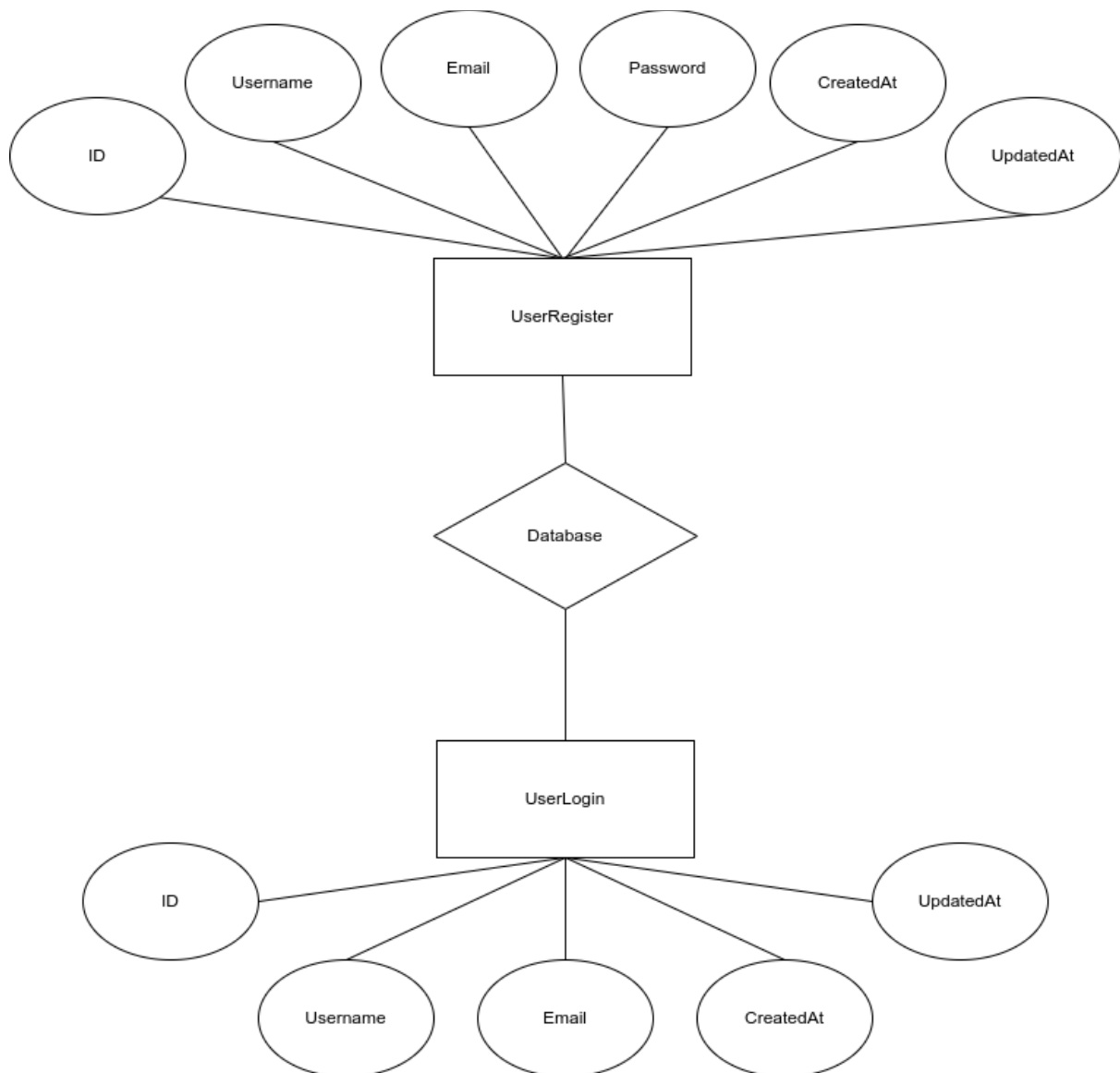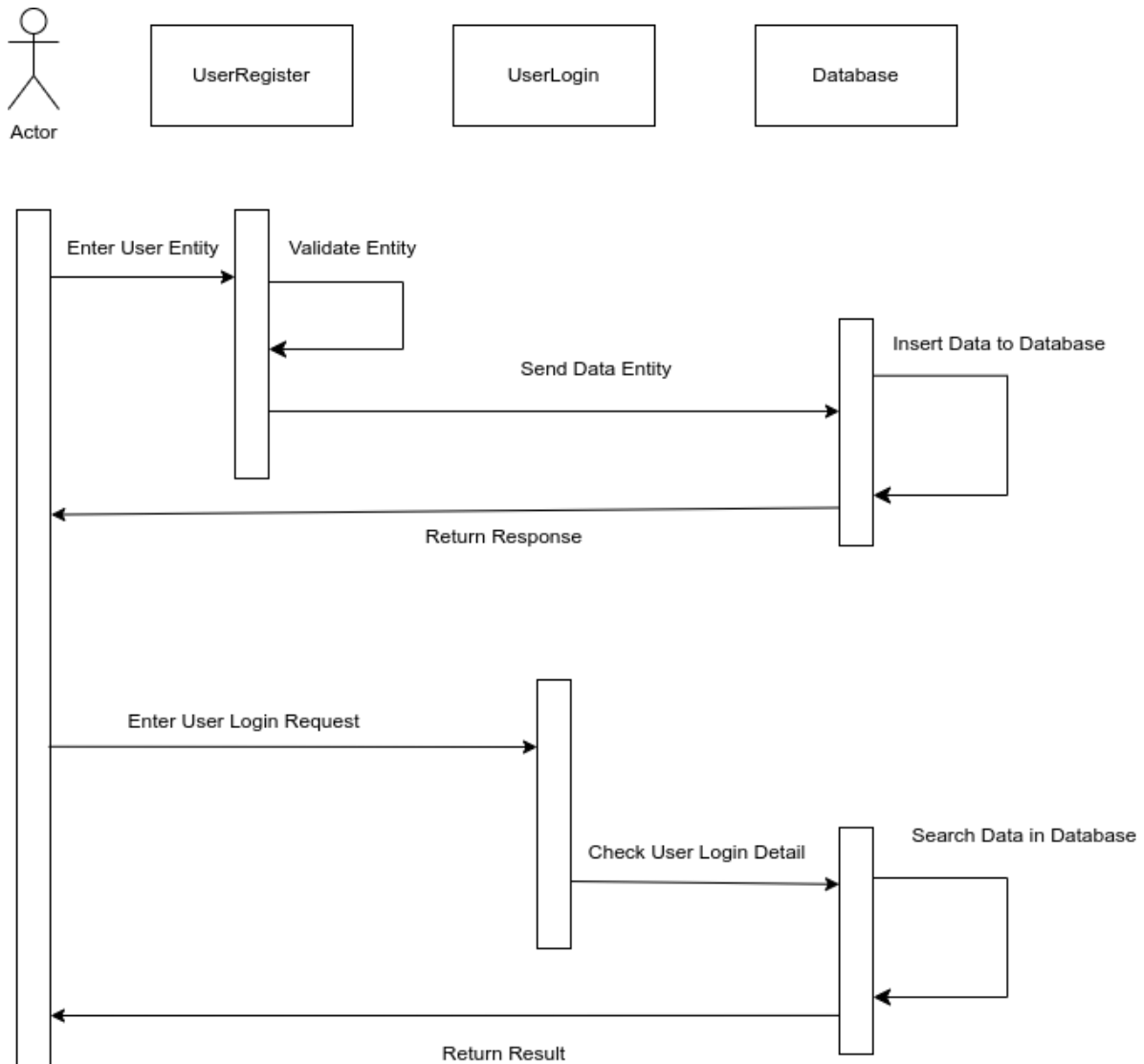2. List of functional and non-functional system
    *   functional :
        1. Programming Language : golang
        2. Database : Mysql
    *   non-functional:
        1. Docker as a database

3. List of Stack : Golang as a Backend
4. Design system includes :
    *   ERD

● Sequence Diagram

5. List of test cases:
   ● Directory Repository :

     1. CreateUser :
     ● Equalize parameters and payload then execute for insert to database

     2. FindOneUser:
     ● Validate columns if column is nothing or zero fill with *, else fill with " , "
     ● Validate payload.Id, payload.Username, payload.Email, then query to database for find the data

   ● Directory Usecase:

1. UserRegister:
- Validate parameter username, email password, then hash password for security, then proceed to the repository to do the insert into the database

2. UserLogin:
- Validate parameter username and password, check email with helper, then proceed to the repository for find into database, and compare password, and create token using function in helper directory

- Directory Handler:

    1. UserRegister:
    - Validate request and validate register params, then binding the data request then proceed to usecase to validate the data, then create response

    2. UserLogin:
    - Validate request, then binding the data request then proceed to usecase to validate the data, then create response