



S3CORP

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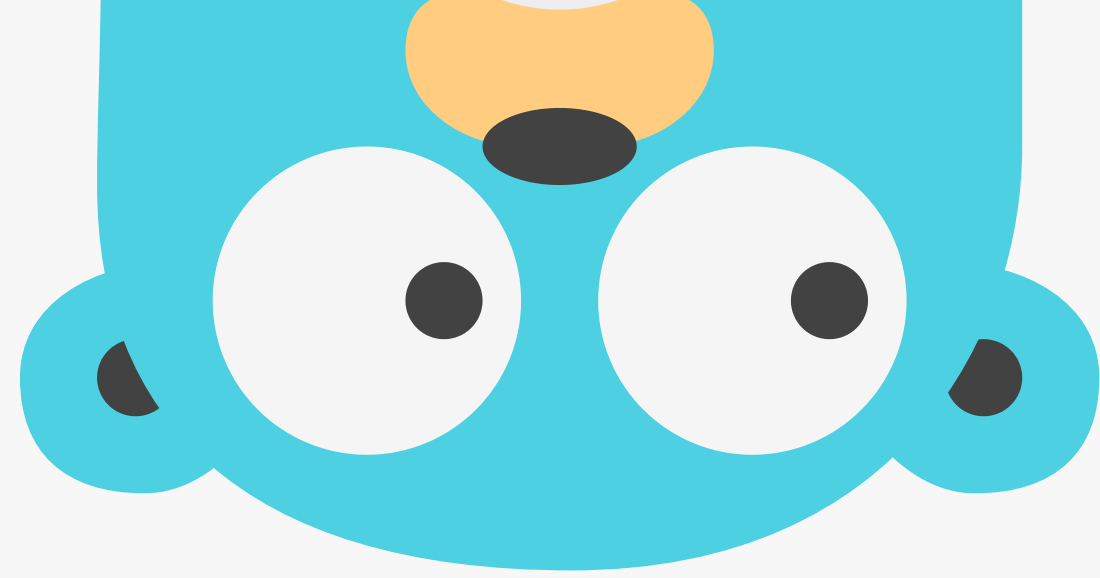
Implementation

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Ask your questions, we will answer (20 min)



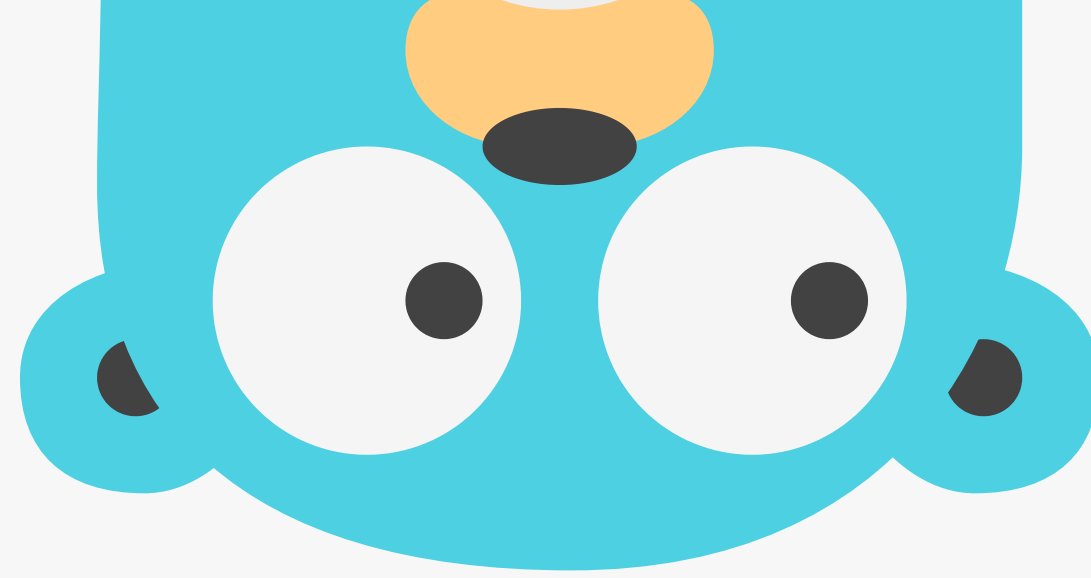
Introduction



About the project:

- We create this project to practice GO, postgresSQL, Docker,... and other things for the work.
- This project is shop management API, and some its feature is following: user management, product management, order management.
- Some advanced feature: export product list to .CSV file, import product list from .CSV file, send .CSV which is exported to email.





Implementation



Feature

- **USER:** create user; update user; **S**delete the user by ID; get user by ID; get user list with request body (filter, sort, pagination).
- **PRODUCT:** create a product(REST and GraphQL); update product; delete a product by ID; get a product by ID, get product list with request body (REST and GraphQL); insert product list into the database from CSV file, export product list to CSV file with filter and send the file to mail.
- **ORDER:** create order (and order item); get order list with request body (filter, sort, pagination).
- **SUMMARY STATISTICS:** get the number of activated users, product; get number of orders (group by order status), get some latest orders;

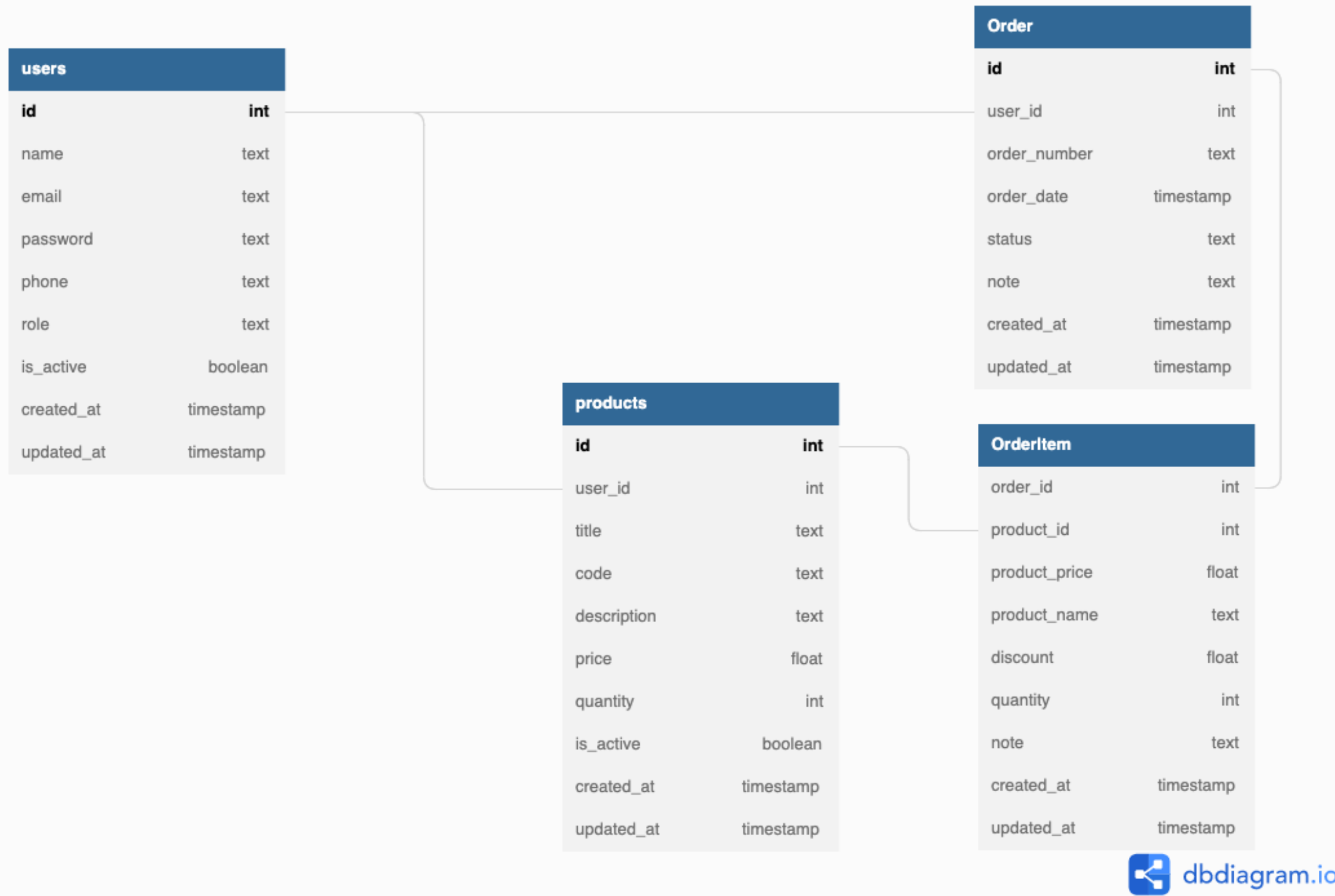


Project structure



- cmd/serverd
- data/migrations
- internal
 - handler
 - service
 - repository
 - model
- pkg
 - bcrypt
 - db
 - jwt
 - mail
 - tool
 - utils
- vendor
- .env.dev
- go.mod
- go.sum
- Dockerfile
- docker-compose.yml
- sqlboiler.yml
- Makefile

Database schema



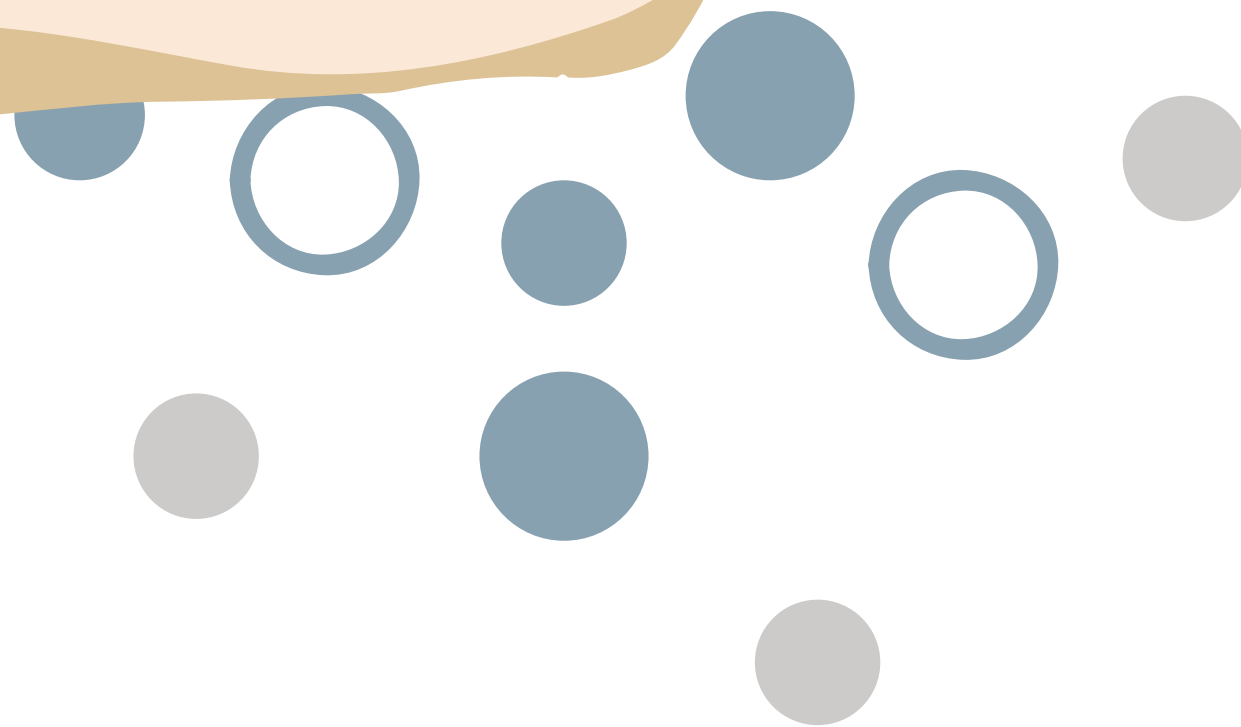
- **Golang 1.18**
- **Go-chi v5.0.7**
- **SQLBoiler v4.11.0**
- **Gqlgen 0.17.3**
- **Testify v1.8.0**
- **Docker**
- **Postgres 11**

Technology





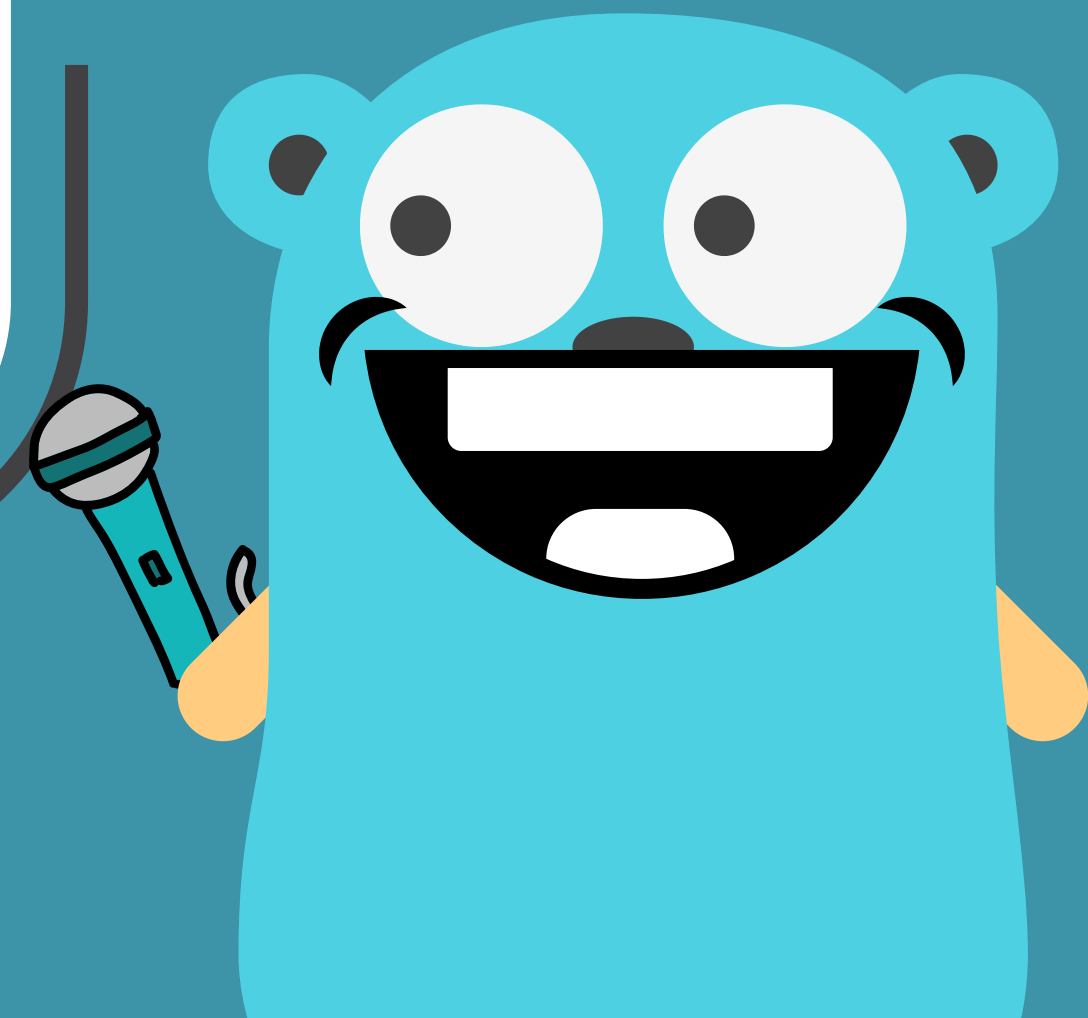
Demo



Discussion

"I need the questions"

-- Loc Dang --



The image features two hand-drawn red hearts on a white background. The larger heart is on the left, and the smaller heart is on the right. The text "Thank you for listening!" is written in a bold, black, sans-serif font across the center of the larger heart.

Thank you for listening!