Task  | Instagram Backend API

Task1: Create a user

Task2: Get a user using POST request

Task3: Create a post

Task4: Get a post using POST request

Task5: Get all posts of a user

All the above tasks mentioned are completed using Golang. MongoDB is used for storage. The http package is used for routing.

Error handling is also done.

For example while creating a user if the name or email or password is not mentioned it will show an error informing about name or email or password is not mentioned and similarly while creating a post it will show an error if Posted Time Stamp or ImageURL or UserID is not mentioned.

The password is also encrypted. A hashPassword function is made which will hash the password. Now this password will be in encrypted form in database that we also can’t reverse engineer.

The server thread is also made safe.

Pagination is also added. We need pagination in the function where we are getting all posts of a particular user. So I have set the limit to 50 that means it will show 10 posts of a particular user.

Unit testing is also done for all the five above mentioned tasks. 5 separate test functions are made in a separate file which is used for testing purpose.













