

# Appointy Task

## Aim

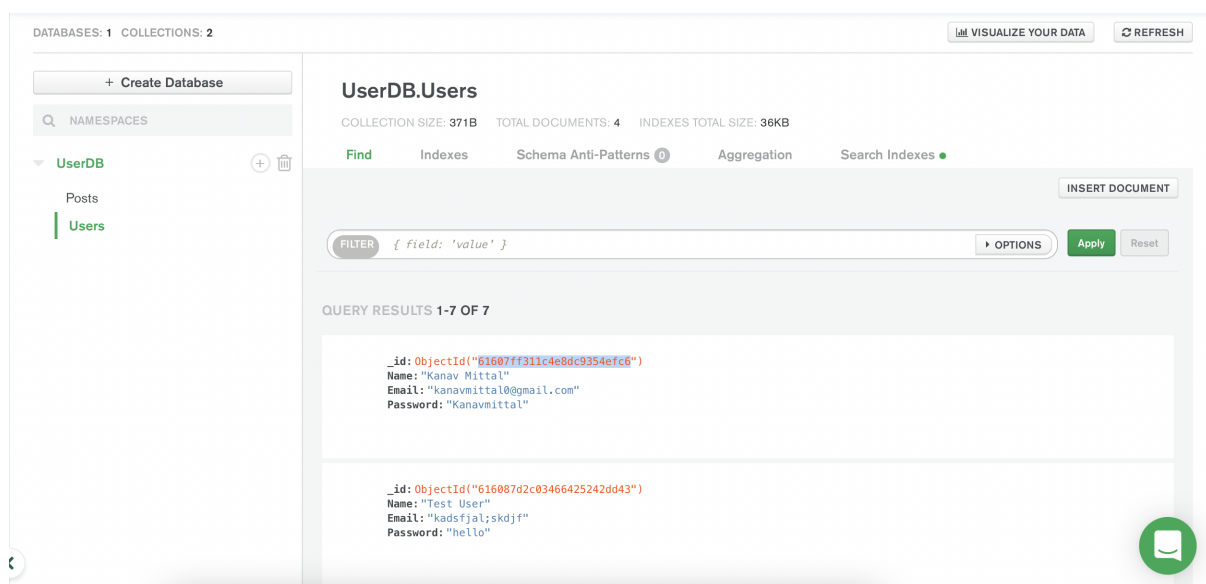
This project aims to create a RESTApi for instagram application using Go and MongoDB as the database.

## Objectives Archived

- ✓ ~~Create an User with URL "/users"~~
- ✓ ~~Get a user using userid~~
- ✓ ~~Create a Post with URL "/posts"~~
- ✓ ~~Get a Post using postid~~
- ✓ ~~List all the post of users~~
- ✓ ~~Passwords should be securely stored such they can't be reverse engineered~~
- ✓ ~~Add pagination to the list endpoint~~
- ✓ ~~Add Unit Tests~~

## Screenshots

### Database



## Code Testings

```
> go test -v
Connection to Database is successful
=== RUN   TestGetUsers
--- PASS: TestGetUsers (0.92s)
=== RUN   TestCreateUsers
2021/10/09 23:00:21 {"InsertedID":"6161d1ad2cb36609cfeda4d8"}
--- PASS: TestCreateUsers (1.20s)
=== RUN   TestGetPosts
2021/10/09 23:00:21 [{"_id":"6161746f5a358225d321f1d0","caption":"Hello my name is this and that","userid"
:"61607ff311c4e8dc9354efc6","timestamp":"0001-01-01T00:00:00Z"}]
--- PASS: TestGetPosts (0.17s)
=== RUN   TestCreatePosts
2021/10/09 23:00:21 {"InsertedID":"6161d1ad2cb36609cfeda4d9"}
--- PASS: TestCreatePosts (0.04s)
=== RUN   TestUserPosts
2021/10/09 23:00:22 [{"_id":"6161746f5a358225d321f1d0","caption":"Hello my name is this and that","userid"
:"61607ff311c4e8dc9354efc6","timestamp":"0001-01-01T00:00:00Z"},{"_id":"616174b367f0c9d90838f5fc","caption
":"Hello my name is this and that","imageurl":"https://images.unsplash.com/photo-1633436245198-44bc17f86b8
9?ixlib=rb-1.2.1\u0026ixid=MnwxMjA3fDB8MHxwaG90by1wYWdlfHx8fGVuZDB8fHx8\u0026auto=format\u0026fit=crop\u00
26w=2064\u0026q=80","userid":"61607ff311c4e8dc9354efc6","timestamp":"0001-01-01T00:00:00Z"}]
--- PASS: TestUserPosts (0.04s)
PASS
ok      github.com/kanavmittal/simple-go-service    3.174s
```

## Inference

Fortunately i was able to implement the assigned task with a good learning experience. Although the task was a bit challenging but i somehow managed to complete it with the resources provided by the Appointy