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**College:** Vellore Institute of Technology, Chennai

**Task:** Instagram Backend API

**Batch:** 2023 (2 months internship)

**Things I have done:**

Initially I connected **Golang with MongoDB**. Then I created **controller and model class** for the users. I have also made the facility to create a new user and store the data in bson Format. Later on, I retrieved the data by using id as the parameter in the URL. The new user’s details would basically be stored at the server end. All this have been done by marshaling and decoding JSON text format stored in the database. I have also created a similar structure for the posts including the controller and model.

Each time a user logs in, a session would be initiated.

The **additional feature** I implemented is that a particular user’s details could also be deleted if needed.

**Things I got to learn:**

I got to learn Golang and implement the same. I could not fully implement all the features but tried to include to the extent I could. I got to explore a new language and learnt a lot. I hope to continue this learning journey to get equipped with this language and get acquainted with it.

**Unit Testing Part:**

Almost each line of code has been tested to give the required output.