Report 3

Team members:
Dias Galikhanov 200103092
Yermukhamed Tilek 200103094
Baijuman Ali 200103514
Dauirbek Sanakuly 200103453

For this week we have done:
1. Changed/Upgraded architecture of the project(new packages,etc.)
2. Started to work with PostgreSQL and connected it to database
   a. Created migrations
3. Added framework: Fiber
4. Project not even more CLI app, it is working as Web app

For the next week:
1. Upgrade/Change registration code
2. Create a permissions
3. Create methods
4. End up with endpoints and tables

Obstacles by the project:

So now we have added PostgreSQL to our database. So, when we tried to get our Categories we had such a problem.

"scannable dest type slice with \u003e1 columns (2) in result"

```
query := `SELECT id, title FROM categories`

err := q.Select(&categories, query)
if err != nil {
    return categories, err
```

We thought that our trouble was in the structure or tables/columns. But there was a mistake in the code.Before instead of Select was Get. So we have changed it and now we can run our code.

<u>By the coding:</u>

1. At this moment we have only one endpoint. By every GET request, we are able to receive Categories, response for them.
2. In the "App" package we have:controllers, models, requests.
3. In the "pkg/routes": URL. From the URL we will contact controllers and furthermore gonna be business processes and so on.
4. In the "platform/database": there explanation of the connection to PostgreSQL. Also there we have used PGX and SQLX libraries.
5. In the "platform/migrations": all the migrations saved there.