

## Report 4

### Team members:

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

### For this week we have done:

1. We changed Database.
  - a. Added new field into Users table
  - b. Added new column "Role" in Users table
2. In app we have roles(Admin, Seller, User)
3. Authorization, Registration
4. New endpoints

### For the next week:

1. Add information about Sellers/Buyers
2. Authentication
3. Permissions

### Obstacles by the project:

1. By the project we had such difficulties, that every request from Seller/Buyers we had to check from the "Sellers table" to verify it. It takes some time to check and extra load to the app.

### By the coding:

1. We have deleted tables: Sellers and Buyers.
2. Added a new field "Users role" into Users table. There we have decided to store the role of our user(seller/buyer etc.)
3. Authorization works on JWT tokens. Now we are only authorized.
4. Endpoint in the Product is a nested structure.
5. Worked with middlewares in the Fiber. Also JWT's middleware.
6. Added methods of JWT to generate tokens; we save a hash of passwords - generate passwords(methods); compare passwords(method)