Different layers of packages:

1. Controller handles HTTP requests and corresponding responses
2. Service handles business logics related to requests
3. Mapper handles crud operations with the database
4. Model defines the entity in the database

**Register:**

1. User can type in username, password, and confirm password from the frontend UI
2. Validate username, password:
   1. Not null
   2. Username is at least 4 characters long
   3. Password is at least 8 characters long
   4. No username already exists
   5. Username does not include special characters
   6. Password and confirm password are the same
3. Encrypt password
4. Create user object and insert it into database