

Doktoruz App

Life saver application for newly graduate doctors



Inspiration

- Voluntarily built website : doktoruz.com
- A gift to doctors from engineers

General Flow

- Server - Client
- Server - Database
- Android Client

Server - Client

- Connection : TCP
- Port : 50000
- Concurrency Required to serve multiple clients

Server - Database

- MySQL
- 3 tables enough for us
- Connection : JDBC
- Dependency for connection : Connector/J driver
- Concurrency is also a must

Threads

- Created when socket is accepted
- Finishes when Async Task is completed
- Can execute infinitely many queries
- Uses Lock for multiple reader single writer

Android Client : Doktoruz App

- Login
- Signup
- Hospitals user registered
- Register to a new one
- See other registered users
- Async Tasked
- Used Layouts and Views
- Adapters