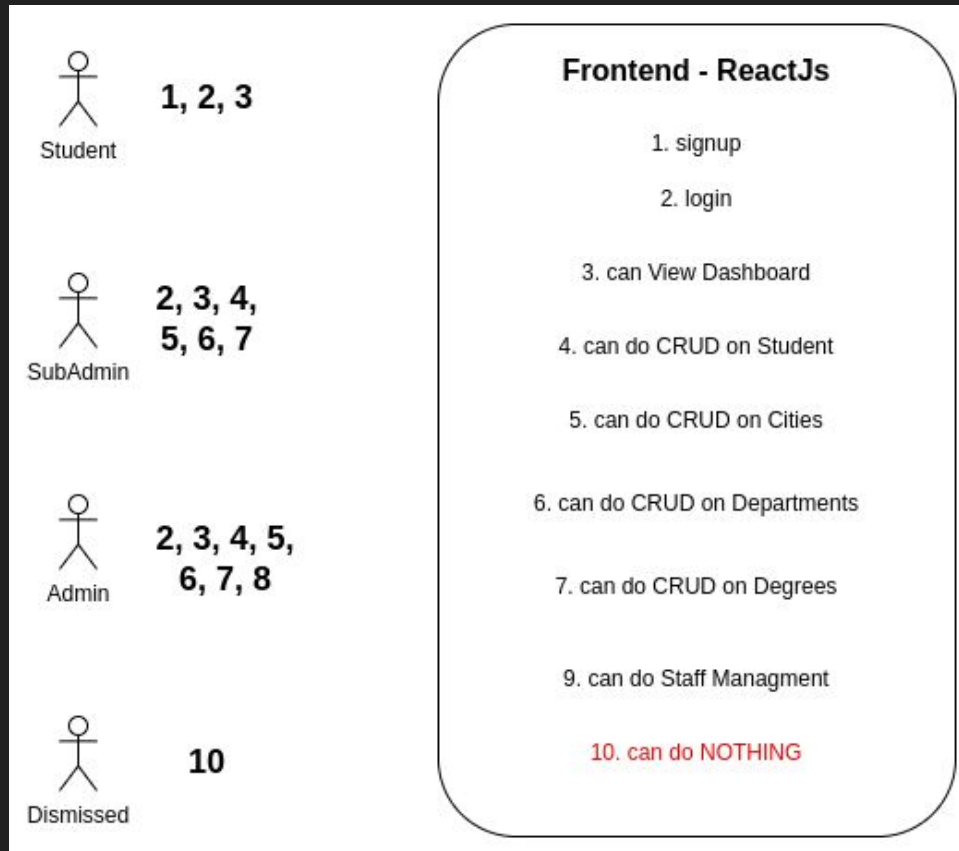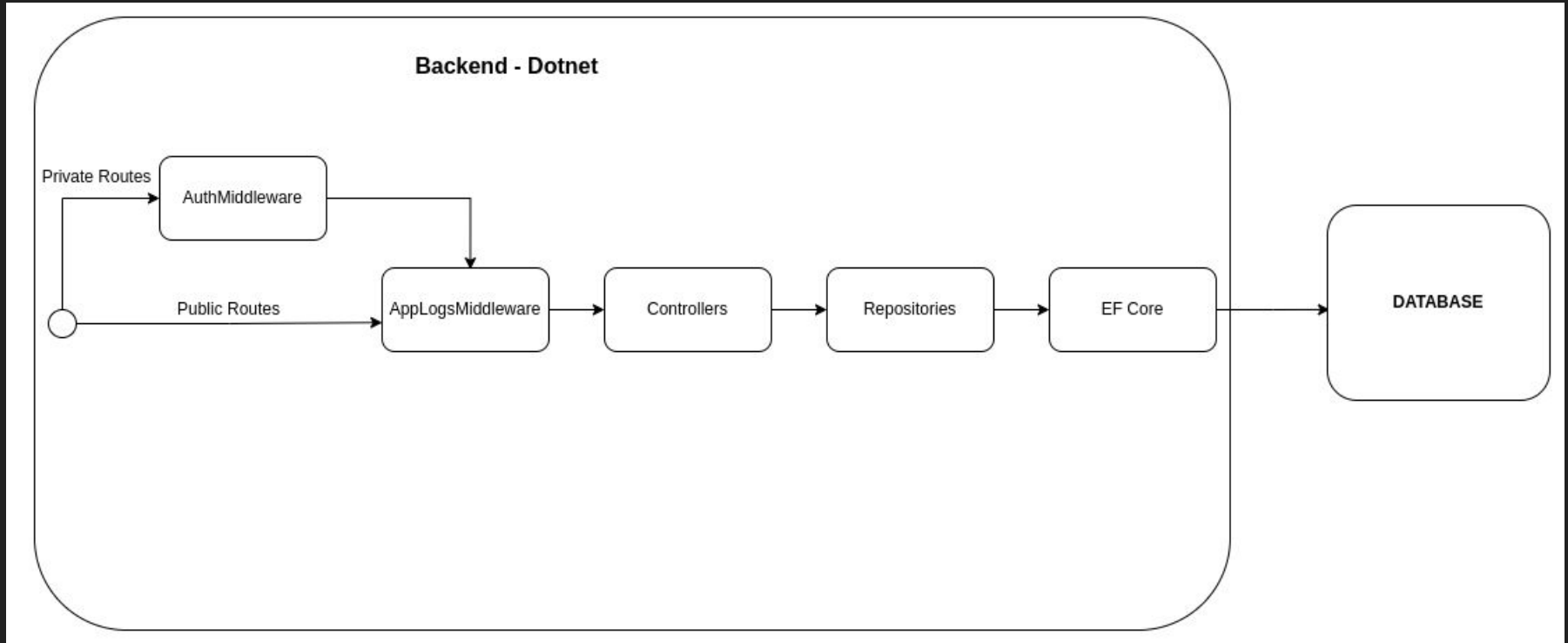# Students Interests System

BCSF19M030 - Kamran Moazim

Features

- Roles - Admin, SubAdmin, Student, Dismissed
- Dismissed - can do **nothing**
- Student - can register and view dashboard
- SubAdmin - can view dashboard, can do CRUD on
  - Student Model
  - City Model
  - Degree Model
- Admin - can view dashboard and has SubAdmin rights along with **Staff Management Tasks**

Flow Diagram - Frontend

Flow Diagram - Backend
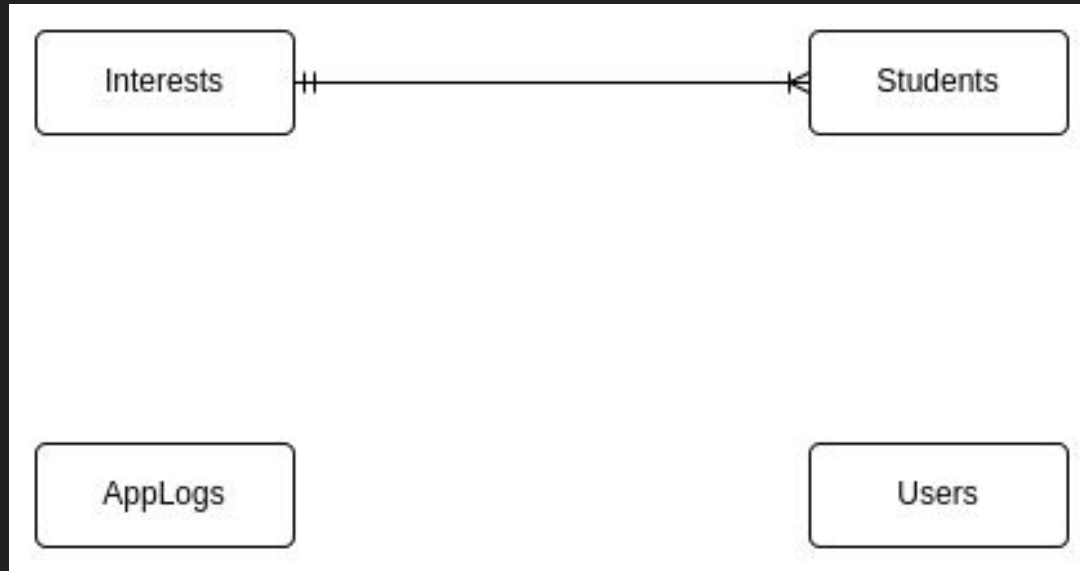
Technologies Used

Backend

1. Dotnet Core
2. EF-Sql Server
3. JwtBearer
4. BCrypt

Frontend

1. React Js (Typescript)
2. Axios
3. React-Query
4. React-ChartJs
5. Bootstrap
6. React-Toastify
7. ChartJS
8. Zustand
9. React-Select
10. React-Icons

Entity Relationship Diagram

Template - Colors Scheme - Fonts

- Used Bootstrap
- Colors for graph are generated Randomly with background being light color and borders being dark of same color
- Times New Roman

Thank You!