

SPORT TRACKER

By Sortov Zhantemir

Tursunov Dias

SYSTEM ARCHITECTURE

- Angular Frontend ↔ Django/DRF Backend ↔ SQLite Database
- REST API with JWT authentication
- Core components: API services, routing, data models & serializers

FRONTEND (ANGULAR)

- ▶ JWT Authentication via `HttpInterceptor`
- ▶ Workout Management: create, view, update, delete workouts
- ▶ Forms with `[(ngModel)]`, click event handlers, and conditional rendering `*ngIf`
- ▶ Navigation powered by the Angular Routing module (`provideRouter` + `<router-outlet>`)

BACKEND

(DJANGO + DRF)

- Data Models: Category, Exercise, Workout, Note (with ForeignKey relations)
- Serializers: ModelSerializer for models + plain Serializer for Login/Logout
- API Views:
 - FBV (@api_view) for list/create endpoints
 - CBV (APIView / generics) for CRUD and token logout
- SimpleJWT for token issuance (login), refresh, and blacklist-based logout