BetOnTalent Backend — Developer Guide

NestJS REST API with PostgreSQL and JWT auth

Postman Collection

A Postman collection is available at `../docs/backend-postman/postman_collection.json`. Import it in Postman to try the endpoints. Use "Auth → Login (set token)" to get a JWT; the `token` variable is set automatically for subsequent requests.

Configure PostgreSQL (.env)

The app reads `.env.development` (dev) or `.env.production` (prod). It also loads `.env` if present.

1) Create `.env.development` in project root

```
NODE_ENV=development
PORT=3001

DB_HOST=localhost
DB_PORT=5432
DB_USERNAME=postgres
DB_PASSWORD=postgres
DB_NAME=betontalent

JWT_SECRET=dev-secret
JWT_EXPIRES_IN=24h

# Simple, env-based authentication (hardcoded for now)
AUTH_EMAIL=dev@betontalent.com
AUTH_PASSWORD=admin

# Toggle JWT guard on endpoints
AUTH_JWT_ENABLED=true

# Allowed origins (comma-separated or '*')
CORS_ORIGINS=http://localhost:3000
```

2) Prepare PostgreSQL

- Ensure PostgreSQL is running locally (default port `5432`).
- Create database `betontalent` (or set `DB_NAME` to an existing DB).
- Use your local DB user in `DB_USERNAME` / `DB_PASSWORD`.
- In development, TypeORM will auto-sync schema on first run.

3) Start the API

```
npm install
npm run start:dev    # dev with watch
# or
npm run build && npm run start:prod
```

Authentication

User auth is hardcoded via env variables for now. On successful login the API generates and returns a JWT token.

- Default dev credentials: `dev@betontalent.com` / `admin`
- Default prod credentials (change ASAP): `prod@betontalent.com` / `admin`
- Toggle guarding with `AUTH_JWT_ENABLED=true|false` .

Endpoints

Auth

- `POST` `/auth/login → { access_token }`

Participants

- `GET` `/participants`
- `POST` `/participants` (JWT if enabled)
- `DELETE` `/participants/:id` (JWT if enabled)

Status

- `GET` `/health`
- `GET` `/config`
- `DELETE` `/clear` (dev/testing)

Quick curl

```
# get token
curl -s -X POST http://localhost:3001/auth/login \
  -H "Content-Type: application/json" \
  -d '{"email":"dev@betontalent.com","password":"admin"}'

# use token
curl -H "Authorization: Bearer <token>" http://localhost:3001/participants
```

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