

# **GymAdvisorAI - Matching Overview (TalentMatchAI analogy)**

## **Analogy**

TalentMatchAI matches candidates to projects/RFPs under constraints. GymAdvisorAI matches users to training plans under constraints (injury risk, equipment, focus, availability).

## **Graph entities**

User -> WorkoutBrief (goals, constraints, equipment, days/week). TrainingPlan -> focus, required equipment, exercises. Exercises link to RiskTags and MuscleGroups.

## **Transparent matching score**

score = 5\*focus\_overlap - 10\*missing\_equipment - 8\*risk\_conflicts - 1\*days\_diff

## **How to demo**

Ask: 'Match the best training plan for user u2.' and show the ranked output with explanations of penalties (risk/equipment/days).