DATE: 09/09/2024

API Mini Project

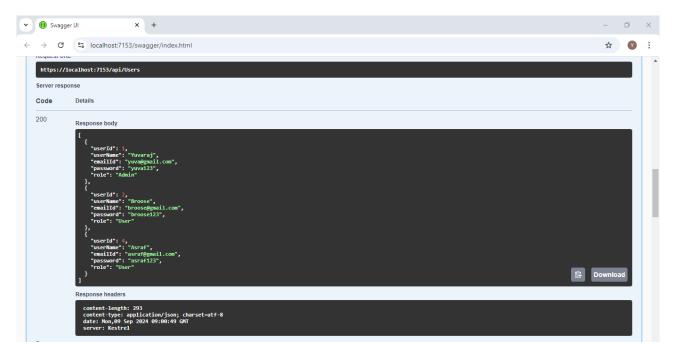
A fitness app has hired your company to build a Web API using Entity Framework's database-first approach to manage workout plans and their associated exercises by performing CRUD, and you need to implement filtering and counting operations for exercise difficulty and workout plan popularity.

Output:

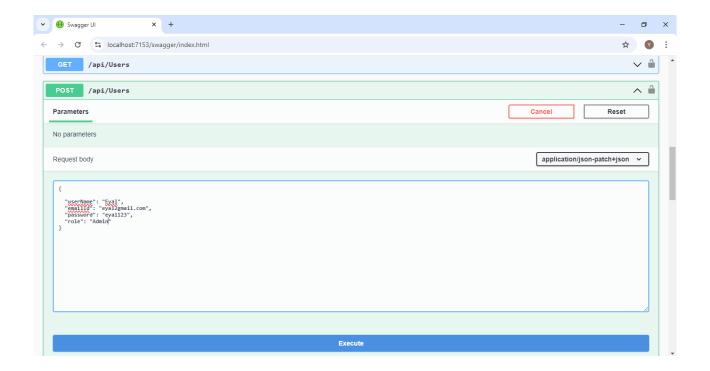


User Controller:

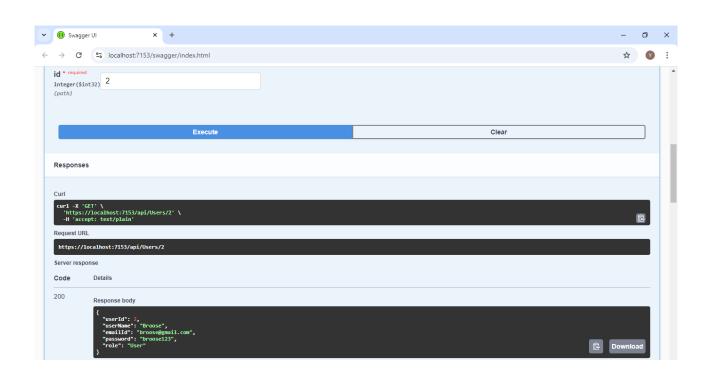
Get:



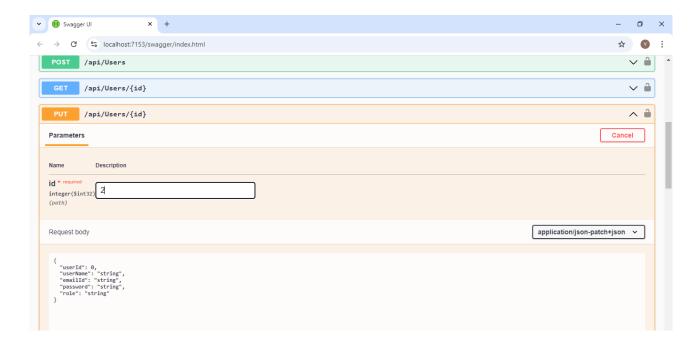
Post:



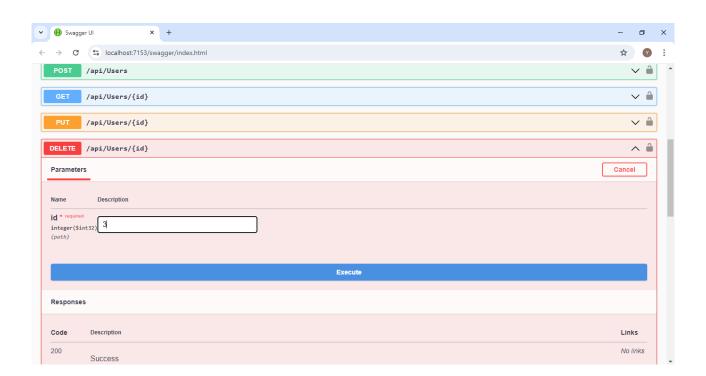
Get By ID:



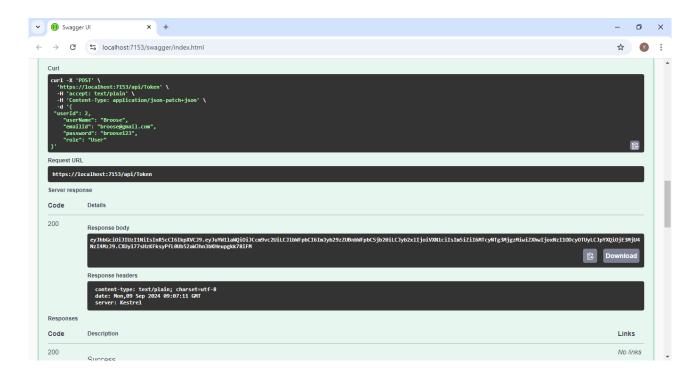
Put:



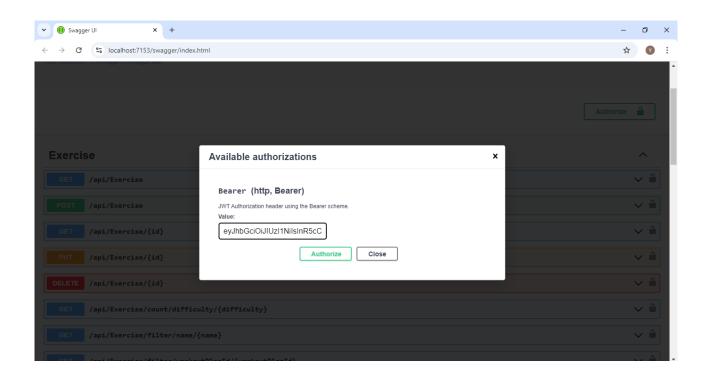
Delete:



Generate Token for User:



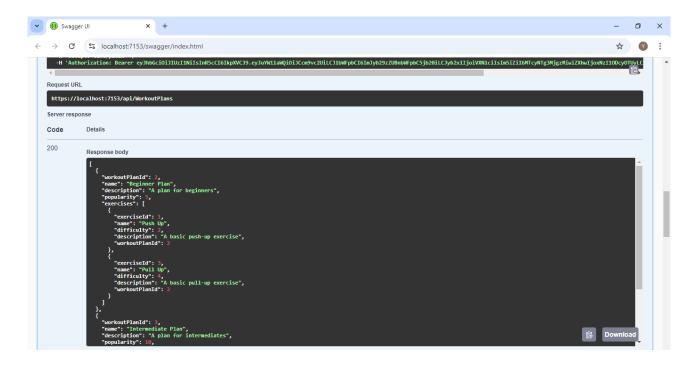
Authorize:



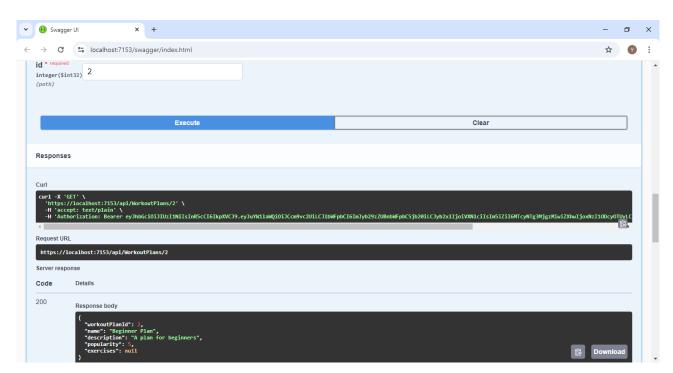
WorkoutPlan Controller:

In this controller Get, GetById and filter operations only allow to accessed by User.

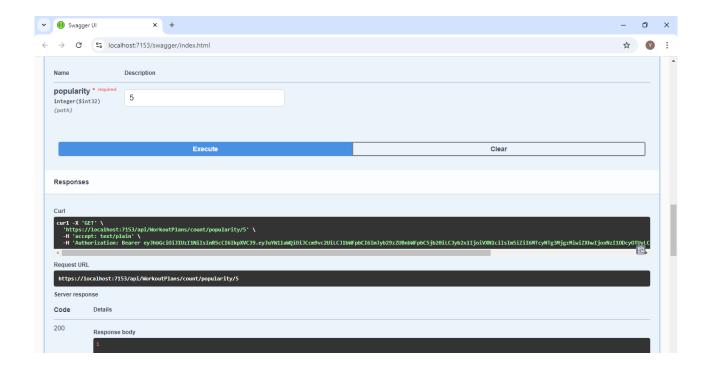
Get:



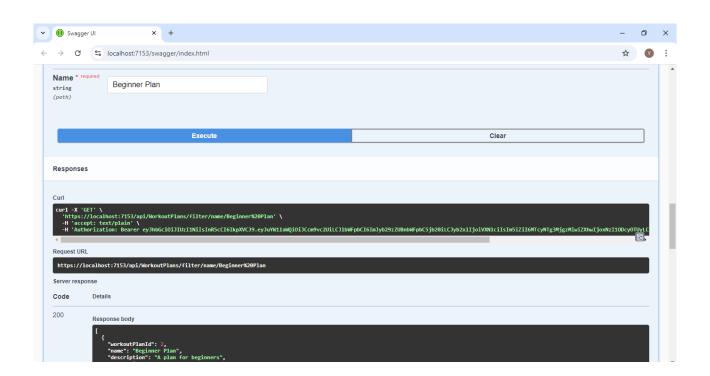
GetById:



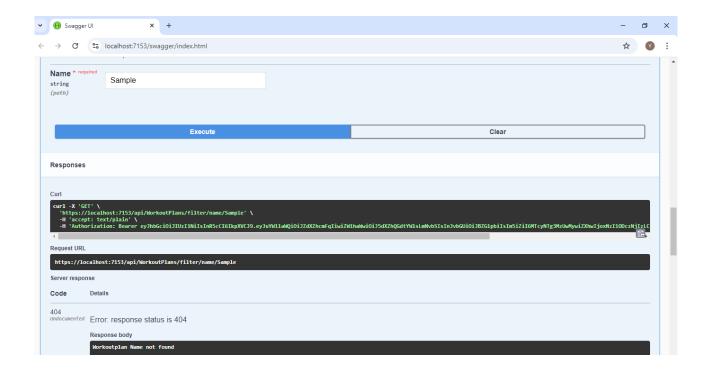
GetWorkoutPlansCountByPopularity:



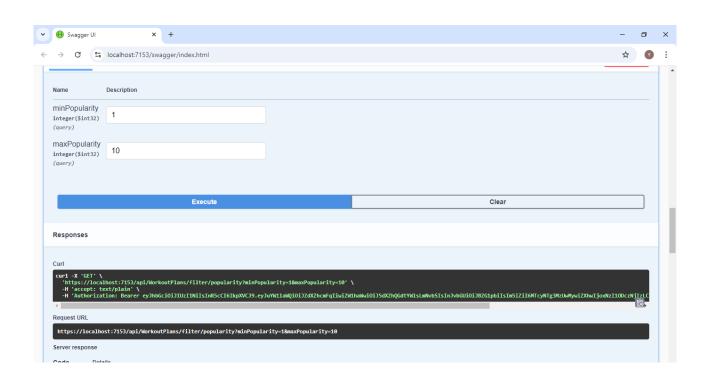
GetWorkoutPlansByName:



If workoutplan name not found:



GetWorkoutPlansByPopularity:

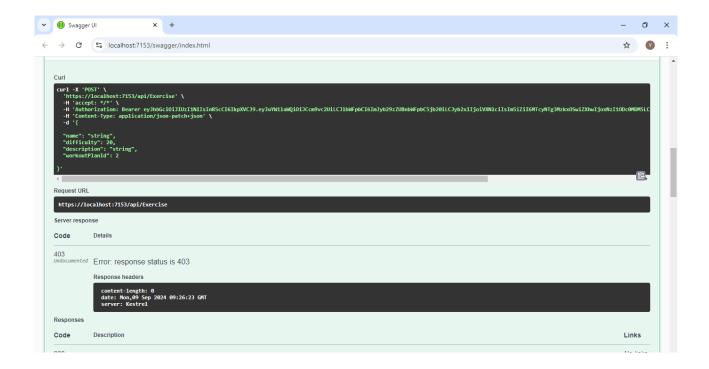


Exercise Controller:

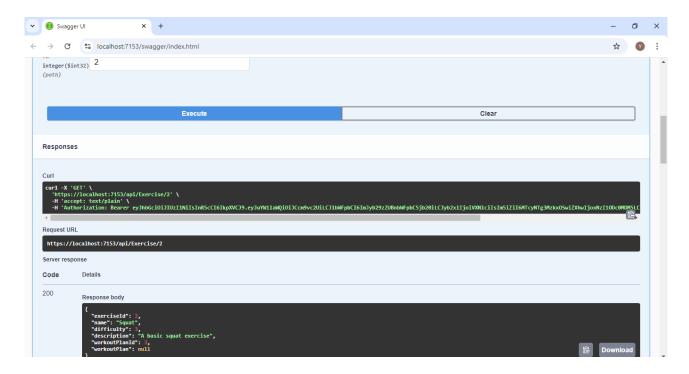
Get:

Post:

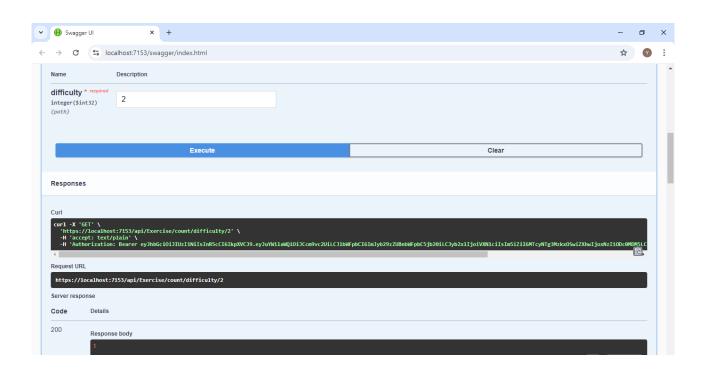
User Role cannot post the resource



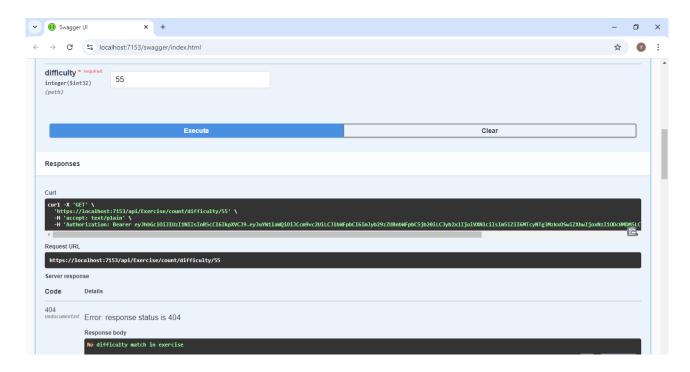
GetByID:



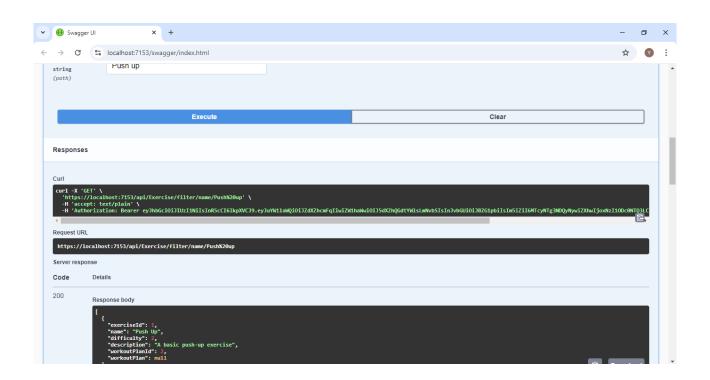
GetExercisesCountByDifficulty:



If Difficulty not match:



GetExercisesByName



ByWorkoutPlanId:

