

Tour Management System

You are required to build an API for a tour management system for this assignment. In this system, you have to provide several endpoints to the client. The endpoints are:

1. **GET** /tours
 - a. Get all the tours
 - b. The client can select some specific fields for getting the information he needs as query.
 - c. **Example:** /tours?fields=name,image
 - d. Must be paginated.
 - e. (BONUS) The client can send a field (e.g. price) as query to sort the data with it.
Example: /tours?sort=price
2. **POST** /tours
 - a. Add a tour
 - b. Must have a schema and the body should be validated through it.
3. **GET** /tours/:id
 - a. Get a tour details by id
 - b. Send all the information of the tour
 - c. Increase the view count by 1 for this tour every time a user hits this endpoint.
4. **PATCH** /tour/:id
 - a. Update a tour
 - b. (BONUS) Body should be validated
5. **GET** /tour/trending
 - a. Get top 3 viewed tour
6. **GET** /tour/cheapest
 - a. Get top 3 cheapest tours