

Railway Application 1

Problem Statement

← Classroom

REST API - GET POST
Railway Application 1

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Problem

Submissions

Solutions

Doubts

Railway Application 1

Easy • Score 80/80 • java • Advanced java

Problem statement

Send feedback

A developer is building a **Railway Ticket booking** system, and you are tasked to assist him in completing the project. He has shared the project files with you, which contain the prewritten Controller and Service classes. Based on the given template complete the project.

Tasks:-

- Complete the **Ticket** entity class with the following attributes and with the required getter and setters method:
 - long pnr
 - String name
 - long age
 - String birth
- In the **controller** class complete the methods to handle HTTP requests with the required annotation for the following APIs:
 - POST "/railway/ticket": It saves a railway ticket.
 - GET "/railway/ticket/{pnr}": It retrieves a specific ticket through the pnr number.
 - GET "/railway/tickets": It fetches the list of all tickets.
- Complete the following method in **RailwayService** class as mentioned below:
 - getTicketByPnr(long pnr): This method retrieves a ticket based on its unique PNR from ticketmap.
 - addTicket(Ticket ticket): This function adds a ticket to a list and associates it with a PNR in a ticket map for efficient retrieval.
 - getAllTickets(): This function returns a list of all tickets stored in the class.
- Test the application using Postman.

Special instructions for submitting the solution:

1

Step 1

Download starter kit

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Step 2

Complete project on local IDE

3

Step 3

Export code as .zip file

4

Step 4

Upload .zip file max 50mb

Drag and drop .zip file here or [browse](#)

Submit

Ask a doubt

Output:

