

Railway and Meal Service II

Problem Statement

← Classroom

Rest Template
Railway And Meal Service II

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Problem Submissions Solutions Doubts

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Problem statement

Now, The **Railway Ticket** Application has the functionality to get updated Meal details from the **MealService**, but when a new Ticket is added, it is not reflected in the **Meal Service** application. So now, you are tasked with adding the functionality of adding a **Meal** object to the **Meal Service** application. You need to complete the project based on the given template.

▼ Meal Service APIs:-

GET - <http://localhost:8081/pantry/meals> - Return a list of meals.

GET - <http://localhost:8081/pantry/meal/{pnr}> - Returns a single meal with the pnr provided in the url.

POST - <http://localhost:8081/pantry/meal> - Add a single meal, by giving a meal as the request body.

PUT - <http://localhost:8081/pantry/meal/{pnr}> - Update the meal by a given PNR.

DELETE - <http://localhost:8081/pantry/{pnr}> - Delete the meal by the specified PNR.

▼ Tasks:-

- Complete the **MealServiceCommunicator** class provided in the Railway App by doing the following:
 - Complete the "setMeal()" method in the "MealServiceCommunicator" class.
 - Use the "postForEntity()" method to make a post call. This method saves a meal object in the "Meal Application".
- Complete the **RailwayService** class by doing the following:
 - Complete the "addTicket()" method by calling "setMeal()" method.
 - Write the logic such that "addTicket()" will save the "meal" object in the "MealApplication" by using "RestTemplate".
- Test the application using Postman.

1 Step 1
Download starter kit

2 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 here or [browse](#)

Submit

Output

POST localhost:8080/railway/ticket **Send**

Params Authorization Headers (9) **Body** Pre-request Script Tests Settings Cookies

none form-data x-www-form-urlencoded raw binary GraphQL JSON Beautify

```
1 {
2   "pnr": 123,
3   "name": "ticket Name",
4   "age": 10,
5   "birth": "Birth",
6   "meal": {
7     "pnr": 123,
8     "mealType": "North Indian",
9     "premium": false,
10    "mealTime": "Lunch"
11  }
12 }
```

Body Cookies Headers (4) Test Results 200 OK 11 ms 123 B Save as Example

Pretty Raw Preview Visualize Text

1

GET localhost:8080/railway/ticket/123 **Send**

Params Authorization Headers (7) Body Pre-request Script Tests Settings Cookies

Query Params

Key	Value	Description	Bulk Edit
Key	Value	Description	

Body Cookies Headers (5) Test Results 200 OK 9 ms 301 B Save as Example

Pretty Raw Preview Visualize JSON

```
1 {
2   "pnr": 123,
3   "name": "ticket Name",
4   "age": 10,
5   "birth": "Birth",
6   "meal": {
7     "pnr": 123,
8     "mealType": "North Indian",
9     "premium": false,
10    "mealTime": "Lunch"
11  }
12 }
```