Existing coding-test microservice returns transactions.

You need to implement REST Endpoint which return transactions aggregated by type and date interval.

- Your solution must compile and run successfully.
- Your solution must include unit and integration tests for your code.

Ordering:

Response must be ordered by Type in alphabetical order and interval in ascending order.

Parameters:

Parameter	Туре	Allowed Values
start_date	Required ISO 8601 Format:	
end_date	Required: ISO 8601 Format	
type	Optional: Text	SALES, RETURN, LOSS

Parameter 'type' is optional and if not provided than aggregation should be done for all types.

Aggregation Rules:

Transactions must be aggregated by the **Type** and **Transaction time** rounded to 15 min interval.

Interval of 2031-12-01T10:15:00Z includes transactions starting at 2031-12-01T10:00:00Z exclusive and ending at 2031-12-01T10:15:00Z inclusive

For interval 2031-12-01T10:15:00Z

Transaction posted at or before **2031-12-01T10:00:00Z** will not be counted for the provided interval. Transaction posted at or before **2031-12-01T10:15:00Z** will be counted for the provided interval.

Data may contain duplicates. Duplicate record should not be counted.

Duplicate record considered a Transaction with the same Type and Timestamp.

Sample Request:

```
GET "/api/v1/transactions/group?start_date=2031-12-01T10:00:00Z&end_date=2031-12-01T11:00:00Z"
```

Sample Response:

```
"type": "LOSS",
"interval": "2031-12-01T10:30:00z",
"value": 12
"type": "RETURN",
"interval": "2031-12-01T10:15:00Z",
"value": 4
"type": "RETURN",
"value": 8
"type": "SALES",
"interval": "2031-12-01T10:15:00Z",
"value": 3
"type": "SALES",
"interval": "2031-12-01T10:30:00Z",
"value": 17
"type": "SALES",
"value": 10
```

Sample Request:

```
GET "/api/v1/transactions/group?start_date=2031-12-01T10:00:00Z&end_date=2031-12-01T11:00:00Z&type=LOSS"
```

Sample Response:

Sample Request:

```
GET "/api/v1/transactions/group?start_date=2031-12-01T11:00:00Z&end_date=2031-12-01T12:00:00Z"
```

Sample Response:

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