

Three Apis need to be created.

## 1. POST /transactions

Sample Input:

```
{  
  "amount": "100.25"  
  "timestamp": "2021-07-17T09:59:51.312Z"  
}
```

amount - transaction amount;

timestamp - transaction time in the ISO 8601 format YYYY-MM-

DDThh:mm:ss.sssZ in the UTC timezone (this is not the current timestamp)

Response:

201 - in case of success

204 - if the transaction is older than 60 seconds

400 - if the JSON is invalid

422 - if any of the fields are not parsable or the transaction date is in the future

## 2. GET /statistics

Sample Response:

```
{  
  "sum": "",  
  "avg": "",  
  "max": "",  
  "min": "",  
  "count": ""  
}
```

sum - total sum of transaction value in the last 60 seconds

avg - average amount of transaction value in the last 60 seconds

max - single highest transaction value in the last 60 seconds

min - single lowest transaction value in the last 60 seconds

count - total number of transactions that happened in the last 60 seconds

## 3. DELETE /transactions

1. This endpoint causes all existing transactions to be deleted

2. The endpoint should accept an empty request body and return a 204 status code.

GET /statistics has to run in O(1) without any database and code has to be submitted with unit tests.