Technical Task

We have a custom object in Salesforce called "Transaction", which is the parent of another object called "Transaction Items".

1 - Every ***Transaction*** will contain all the general details of the transaction:
   a. Transaction Count
   b. Total Cost
   c. Total Discount

2 - Every ***Transaction item*** will show all the specific details of each item.

We need to create a logic in the **Transaction Items** trigger to make two Rest API requests' tests.

Rest API request test #1: We will send all the transaction items related to a transaction when all transaction items that are part of the same transaction are found in SF (this will happen when the number of transaction items that are part of the same transaction are equal to the 'Related Transaction Count' in the transaction record).

   Sample Payload:

```
[
 {
   "keys": {

        "TransactionItemID": "00Q0p000001PvpZ"

   },

   "values": {

        "ItemCost": "200.00",

         "ItemName": "TI-01"

   }
 },
 {
   "keys": {
```

```
            "TransactionItemID": "00Q0p000001PvhZ"

        },

      "values": {

            "ItemCost": "300.00",

            "ItemName": "TI-02"

        }

      }

    ]
```

Rest API request test #2: If the previous request has been sent and it returns a successful result, the transaction record should be sent.

Sample Payload:

```
{

        "keys": {

                "TransactionID": "00Q0p000001PvhZ"

        },

        "values": {

                "TotalCost": "100.00",

                "TotalDiscount": "10.00",

                "TransactionDate": "2020-01-20",

                "TotalCount": "3",

        }

}
```

Expected Outcome

- Trigger and Apex Classes to achieve this requirement. (We don't have endpoints, so it won't be an actual Rest request)
- Apex test class
- Create new public code repository in Github, push code and share the link to the repository.