Implementation in NoSQL

Group 16

Mihir Kakadiya
Vinaskumar Sukhadiya

kakadiya.m@northeastern.edu
sukhadiya.v@northeastern.edu

Percentage of Effort Contributed by Student 1: 50%

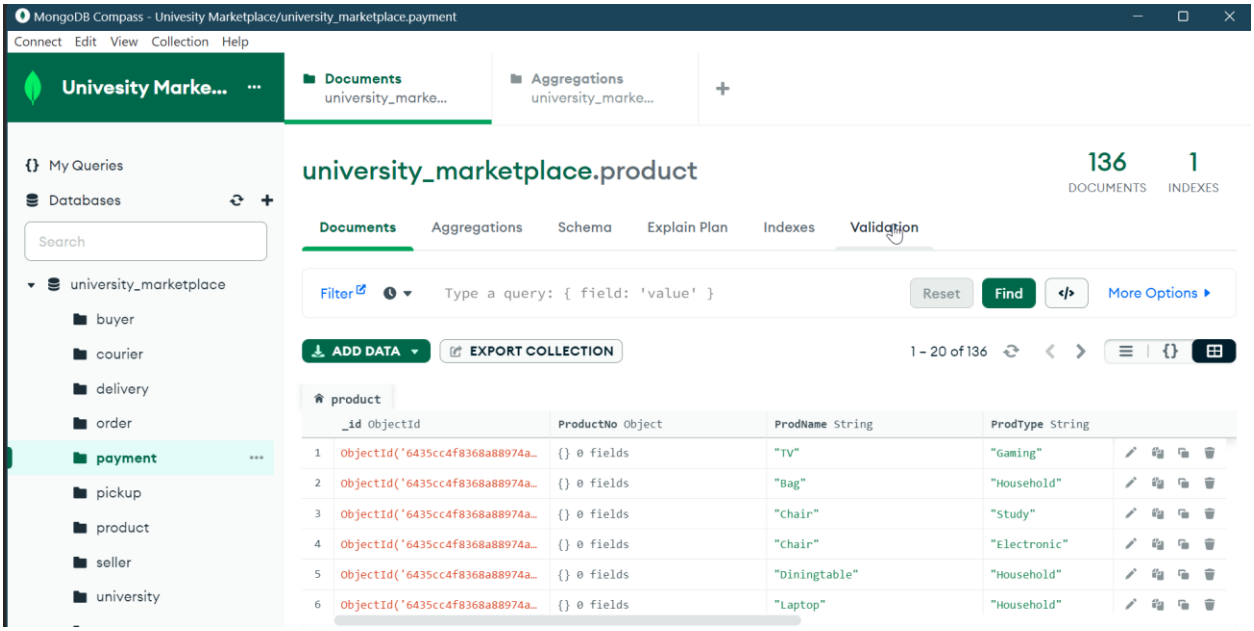
Percentage of Effort Contributed by Student 2: 50%

Signature of Student 1: Mihir kakadiya

Signature of Student 2: Vinaskumar Sukhadiya

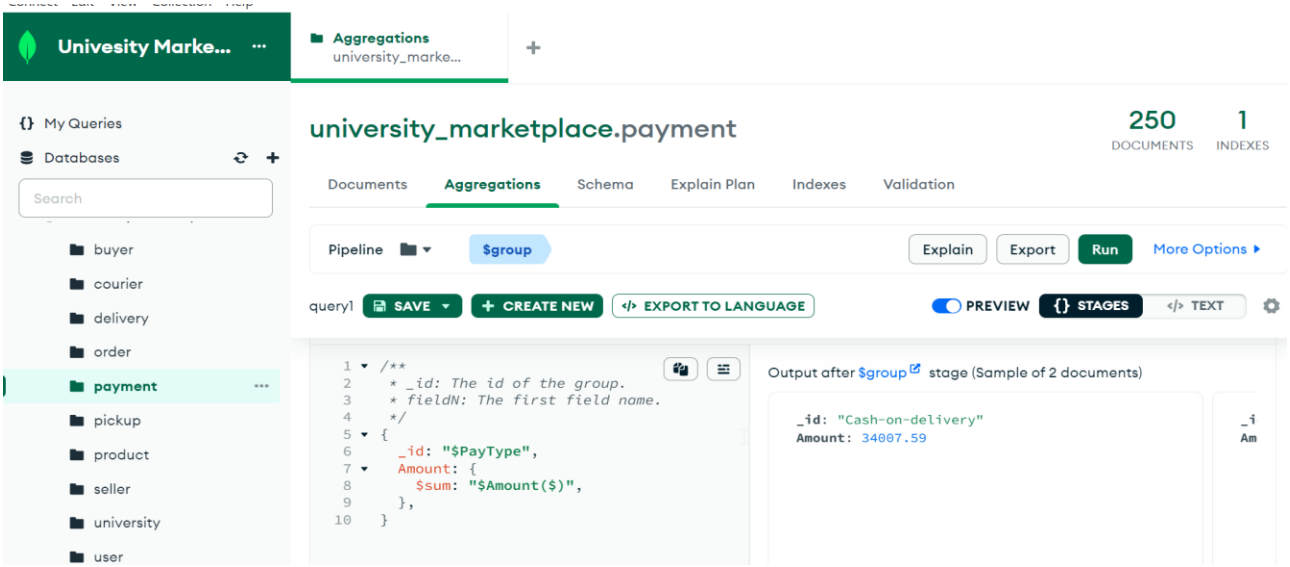
Submission Date: 04/13/2023

Preview of project dataset into MongoDB



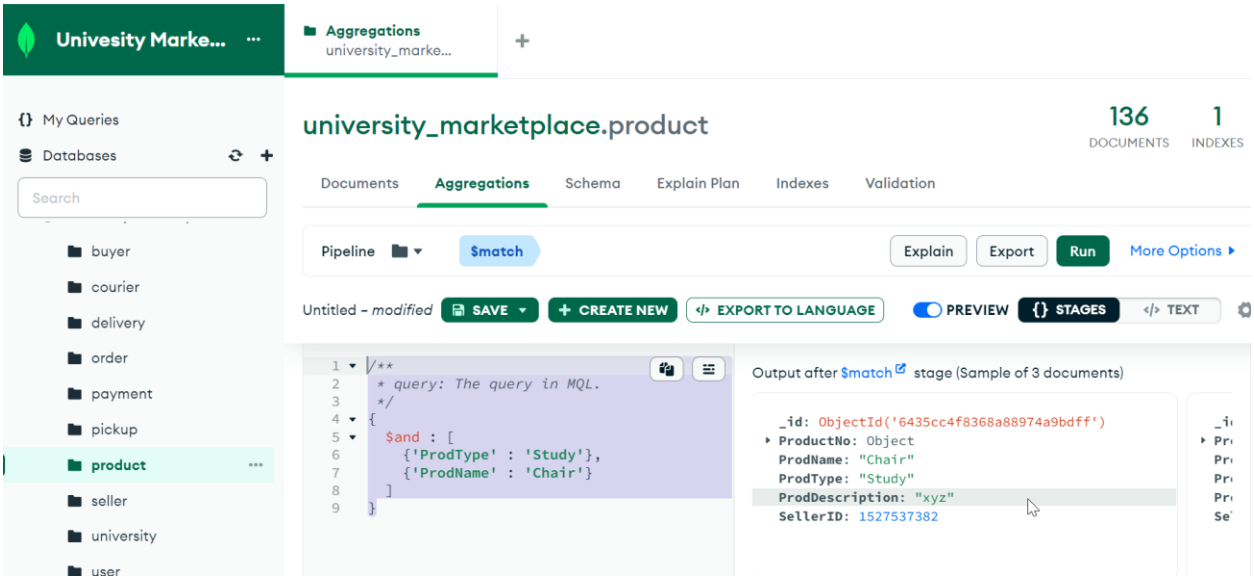
Query1 : This query gives total purchase value by payment type category i.e. how much amount of product purchased through cash-on-delivery and how much by prepaid.

```
{
 _id: "$PayType",
 Amount: {
  $sum: "$Amount($)"
 }}
```



Query2 : This query will return all the records having product type “Study” and product name “Chair” from the product table.

```
{
 $and: [
  { ProdType: "Study"},
  { ProdName: "Chair"}
 ]
}
```



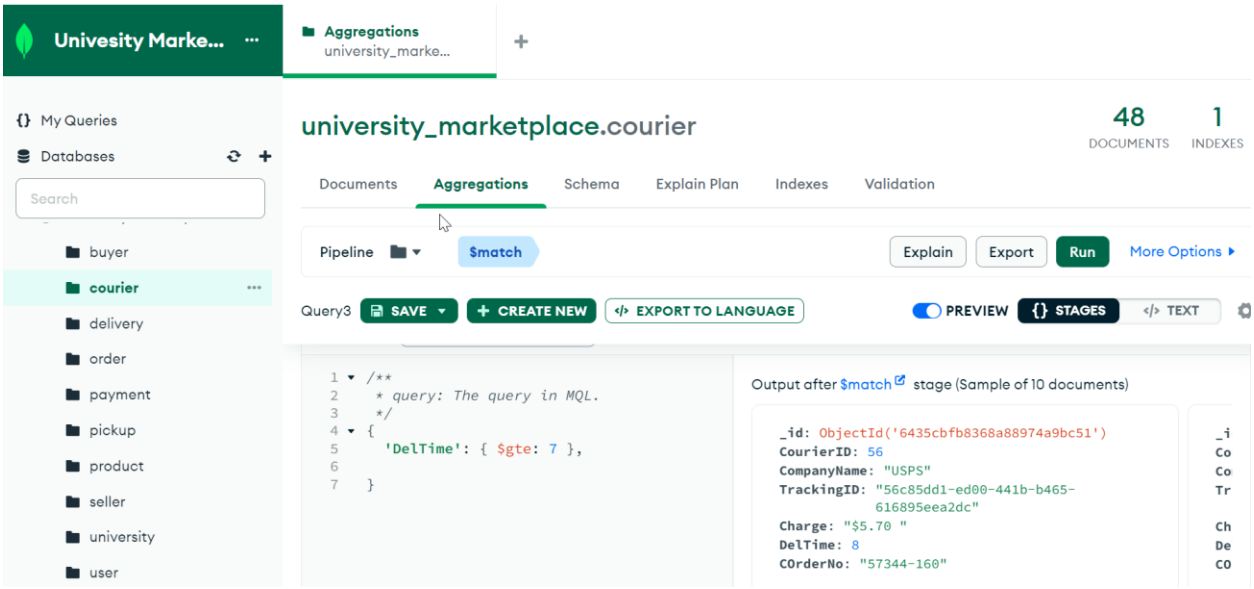
Query3 :

Stage1 : this query will return all the records which took 7 or more days to delivered

```
{
 DelTime: {
  $gte: 7}
}
```

Stage2 : This query will work on output of stage1 and provide company wise total no of delayed products

```
{_id: "$CompanyName",
 Deliveries: {
  $count: {} }}
```


Univesity Marke...
Aggregations
university_marke...
My Queries
Databases
Search
buyer
courier
delivery
order
payment
pickup
product
seller
university
user
university_marketplace.courier
48
DOCUMENTS
1
INDEXES
Documents
Aggregations
Schema
Explain Plan
Indexes
Validation
Pipeline
$match
Explain
Export
Run
More Options
Query3
SAVE
CREATE NEW
EXPORT TO LANGUAGE
PREVIEW
STAGES
TEXT
1 /**
2 * query: The query in MQL.
3 */
4 {
5 'DelTime': { $gte: 7 },
6
7 }
Output after $match stage (Sample of 10 documents)
_id: ObjectId('6435cbfb8368a88974a9bc51')
CourierID: 56
CompanyName: "USPS"
TrackingID: "56c85dd1-ed00-441b-b465-
616895eea2dc"
Charge: "$5.70 "
DelTime: 8
COrderNo: "57344-160"