LAB 1 - Part 3 : MongoDB

Patient

Test

Result

PK

PK

FK

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PK

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***Requirement***: Our data usage pattern is to look up a territory by the territory id and to show all details about a territory, such as its name, salespeople, and sales. Use the embedding design technique and the provided data to design a MongoDB database. Create the database on MongoDB Atlas that includes documents reflecting the data contained in the attached file. (50% of grade)   
  
Then use the MongoDB Compass, JavaScript, and MongoDB Aggregation Pipeline to calculate the total sales of a territory regardless of the salesperson. (50% of grade)  
  
Submit your code, and a screenshot of the created documents and code execution results in the pdf format.

**Screenshot of the Document:**

**A picture containing background pattern

Description automatically generatedBackground pattern

Description automatically generated with low confidence A picture containing background pattern

Description automatically generated**

**Aggregate Pipeline Code:**

[{

$unwind: {

path: '$SalesPersonInfo'

}

}, {

$group: {

\_id: '$Name',

Sum: {

$sum: '$SalesPersonInfo.TotalSales'

}

}

}]

**Aggregate Pipeline Result:**

**Graphical user interface, text, application

Description automatically generated**