2-1 Assignment: CRUD in MonmogoDB/

CS340 Client/Server Development

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1. Access dataset city\_inspections.json

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1. Verify your load by using the city database.

* db.inspections.find({“id” : “10021-2015-ENFO”})

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* db.inspections.find({“result”:”Out of Business”},{“business\_name” :1}).limit(10)

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1. Insert a document named “city” within the collection named “inspections”. Be sure to insert the address as a subdocument and use the JavaScript function Date() for “Today’s date”. Verify your database creation and insertion using the findOne() function in the mongo shell.

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1. Answer the following questions using MongoDB queries.

* What is the distinct list of inspection “sector” in the current inspections collection? How many are on the list? 87

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* What is the difference in the date data type for the business named “AUSTIN 2012” versus your business document insertion of “Acme Explosives”? The date for AUSTIN 2012 looks like it was manually entered whereas the date for ACME Explosives has a generated date and timestamp.

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* How many businesses have a “Violation Issued”? 13823

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1. Update the document with the ID “20032-2020-ACME” in the collection “inspections” in the database “city”. Verify update using the appropriate find() function.

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1. Using the database “city” with documents found in the “inspection” collection:

* Update all the documents that contain the key-value pair “city”:” ROSEDALE” in the address subdocument by changing the zip code in the address subdocument to “76114”.

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A screenshot to see a few examples of the actual change.

* Remove the first document with the key-value pair “result”:” Violation Issued”

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