ITC5315: Project Status Report WK 1

Created by: Meenu Mathew

Student ID: N01582144

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## Step 0

Describe why you selected to use a git repository or not

I decided to use the Git for my project as it is a complete package including a safety place to store the codes, version control, collaboration between teams and backup and recovery.

I used git to mainly track my project progress because in each commit it gives insight into the changes I had made. Every commit is like a snapshot of the current project at that time. Hence it helps to ensure data integrity and minimize data loss.

Also, a version control helps to divide project between different phases like week1 and week2.

Main advantage of git is it helps to collaborate between team members if different members are working on the same project, though it is a single project, it helps to share code between members for debugging of errors.

A screenshot of a computer

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## Step 1

Show a screenshot Atlas/Compass once the data has been loaded. Use the Mongosh terminal to run the command: db.<collection>.countDocuments() on the “restaurants“ collection in the “5315-project” database. Show a screenshot of the result. (see <https://www.mongodb.com/docs/manual/reference/method/db.collection.countDocuments/>)

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## Step 2

Use “npm run start” to start your server. Show a screenshot of it being started using this command.

Explain any challenges or new learnings that you encountered when implementing the routes. Use Postman to test all the routes. Make sure to include tests for errors / invalid data. List the response codes that you used and why you used them. Show screenshots of all your tests.

A screenshot of a computer program

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**Get all Restaurants**

A screenshot of a computer

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**Validation for query parameter exist and correct**

A screenshot of a computer

Description automatically generated

**Get Restaurant By ID**

A screenshot of a computer

Description automatically generated

**Test with non-existing restaurant id**

A screenshot of a computer

Description automatically generated

**Add new Restaurant**

A screenshot of a computer

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**Validation check when adding new restaurant**

A screenshot of a computer

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**Update a restaurant**

A screenshot of a computer

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**Validation check when updating a restaurant**

A screenshot of a computer

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**Delete a restaurant**

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Delete test with non-existing restaurant id

A screenshot of a menu

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Step 3

Describe the steps you used to create the UI. Describe any challenges or new learnings that you encountered while developing the UI. Include screenshots of the UI and screenshots of Postman being used to test the new route.

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## Summary

Summarize your experience while working on this project for the first week. Do you have questions about the project for the next class? Questions you want to ask your peers or professor? Would you have done anything differently? Did anything take shorter/longer than you expected?