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Term Project Update # 1

MET CS 779

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# Introduction

Generally, the target of this project has been set as distributed or cloud based database design and implementation proof of concept. This idea was being my target for a time so that it might be a timing to touch deeper on this area of the knowledge. Also, this deliverable is a short conceptual-level description of what I am currently planning to do for the term project. The purpose of this deliverable is to show my ideas for asking a review from the facilitator and professor to guide me as define the term project.

# Self Questions

## What is the advanced database area you are focusing on related to this course?

Distributed or cloud based database. I want to learn about how distributed or cloud based database implement, and if it is possible, how can I implement a prototype or small-scale simple of distributed or cloud based database by my own ability.

## What is the proof of concept component in your term project?

I do not quite clear on this part of the meaning of the questions and do not know where to take the first step. However, I start to from the definition of them.

## What are some of the goals that you plan to learn in this project?

Generally, there have two goals which are functionality learning and implementation of distributed or cloud-based database. I think I need a hint then find the right way to start for saving limited time in the summer period.

## What skills are you bringing from other courses, and what is the new element that you are learning in this class that's related to advanced database management?

In last semester, I learned the entry-level of database management system for MET CS 579 course, PostgreSQL especially because my food delivery system project had been implement personally based on it. Also, a little bit of knowledges about how to use AWS and Google Cloud Platform from MET CS 673 because the implementation of the web application. Both courses from last semester had given me a lot of changes to interactive with data storage.

## What data are you looking to use specifically?

I am also not quite clear on this part so far. I tried to mining dataset in MET CS 699 so that I was also tried the way to find datasets. For example, data.world and UC Irvine Machine Learning Repository was the place I used to find the needs. However, I do not have idea for what data is better for me to start at this moment.

# Conclusion

Distributed or cloud-based database design and implementation proof of concept are absolutely not an easy topics and will have a lot of things to learn although I do not know whether I can finish it good enough or not. Maybe I better change my mind quickly based on the time I have in summer section and turn into updating my DBMS project did in MET CS 579. However, I will keep looking for a little while on current target.

# 5. Revision History

A history of things you added and why, not required but nice to have.

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| **Name** | **Date** | **Version** | **Description** |
| Your Name | 07/09/19 | 1.0 | Initial Document Creation |
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# Appendices

## Appendix A

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