As discussed in the class, final term project has multiple parts (phases). The very first thing is to select the topic and form the team. Regarding the topic, you can choose anything that you like if it pertains to cloud/data management, following are some of the examples:

1. Migrating workload from your company’s data center to the cloud. As we discussed in the class, this will require you to understand the current architecture, requirements and future architecture along with sizing. This also entails selecting a public cloud provider. If your company has a preferred vendor then you can use them. The output should at a minimum include:
   1. Business/Technical requirements
   2. Current state architecture
   3. Future state architecture (in the cloud)
   4. Network connection to the cloud
   5. Summary of business/technical benefits of moving to the cloud.
2. Performing sentiment analysis in the cloud. You can choose to do this for your company or any public brand. You need to collect social data from different sources, storing in the cloud and performing sentiment analysis. Note: Do not pay money to store extra data meaning use the free tier available from the cloud provider.
3. There are a variety of free datasets available, pick one from the domain that you are interested in, store it in the cloud and analyze and visualize the data.

You can also get some ideas from the call for a paper for Cloud, you can use this to spawn off some ideas:

http://conferences.computer.org/cloud/2018/cfp.html

https://www.iaria.org/conferences2018/CfPCLOUDCOMPUTING18.html

Please reach out to me if you have questions. If you have an idea, and if you/your team want to discuss with me, please let me know, and I will set up a call. We should work as if we will try to publish the paper, it is certainly not required but would be an excellent idea.

**Due Dates:**

* Project Proposal 9/29 11:59 pm
* Frist Draft of the paper 10/20 at 11:59 pm
* Final Paper – 12/1 at 11:59 pm.
* Student Presentations: 11/29 & 12/6 in the Class. 12/6 is the Final exam so we will only use that if we cannot finish presentations during 11/29 class.

As you can see, I have given you extra time for everything including the final paper. I will not be extending these dates any further. Project Proposal and the first draft is a participation grade, which means if you submit it on-time you will receive 100%. I want submission from every team members as that is the only way I can grade.

I have also created assignments in Canvas and posted the final paper template.

Please let me know if you have any questions.