CSCI 4370/5370 Team Project 2 part1 description

**Objective:**

1. Implement clustering algorithms in coding form
2. Familiar with a real world data as input dataset
3. Simulate a research environment

**Requirements:**

1. For each team, please implement TWO of the following clustering algorithms introduced in the class:
   1. K-means clustering
   2. Hierarchical Clustering
   3. Hybrid Hierarchical K-means Clustering
   4. Fuzzy C-means Clustering
2. Process the given dataset by normalizing the values in all three columns.
3. Apply the algorithms on the process data, your team needs to be able to show clusters with different parameters setup based on the algorithms of your choice.

**Meeting Day: Specified in the Blackboard**

I will arrange meetings using with each team. All team members are expected to join the meeting. During the meeting, I will take a look your program and the clustering results. We will discuss your results and have one more step of programming/improvement/discussion as follow up project (one week after the due day).