# Computer Graphics

## Project Update

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1. ### Title:
   The implementation of photomosaics with K-means clustering

2. ### Summary of Work to Date:
   So far, I have collected the image dataset I needed for creating the photo mosaics and I have tried the apply the k-means algorithm to my data set to find out the performance of clustering the all data set.

3. ### Analysis of Work:
   Without the completion of the part of implementing the photo mosaics, I can not do any performance evaluation. Therefore, this part would be left until I finish the rest part.

4. ### Plan for Completion:
   I have done some search about how to implement the photo mosaics and already found some approach to achieve it, so my next step is first to set up the part doing the photo mosaics and then feed the dataset I processed by the k-means algorithm. I will try out different settings of the parameters and compare all of them. If the progress is faster than I expect, I would try to do some modification to the original algorithm to see if I can get some different results.