**Team Members:**

* Runqi (Tony) Huang
* Adnan Yunus

**Project Title:**

* Hand-Written Digits Recognition

**Project Description:**

In this project, we will use a variety of different techniques to perform recognition of hand-written characters. The data set will consist of digits that are written by us. We will use the following feature extraction method: Histogram of Gradients (HOG), SIFT, SURF, etc. The methods that we will explore include artificial neural network, logistic regression, support vector machine, and K-Nearest-Neighbor (KNN), and we will compare the performance between these methods.

**Declaration:**

* I have read and understood the Software coding and plagiarism policy in the project handout.