

## **Project Proposal**

- Kenny Aranda
- Jose Riquelme
- Matthew Ross
- Richfield Quist

Topic: A research project that will classify images using CIFAR-10/CIFAR-100 dataset.

Problem statement: Develop an efficient image classification system capable of accurately predicting the classes of images within the CIFAR-10/CIFAR-100 dataset, which contains 60 thousand 32x32 colored images spread across 10 or 100 classes.

### **Timeline:**

Tuesday 16<sup>th</sup> - Research on Dataset-Kenny Aranda

Thursday 18<sup>th</sup> – Generate the Code for Training the model- Jose Riquelme

Tuesday 23<sup>rd</sup> – Develop code to classify the superclasses – Richfield Quist

Thursday 25<sup>th</sup> – Write the Paper and Presentation Preparation – Matthew Ross

Choice: recorded presentation