CPRE 491 - Weekly Report #6

Date: 10/4/2021

Team: 08

Project Title: Extracting Black-box Deep Learning Models via
                          Software-based Power Consumption Measurements

Members:

- Austen Van Brogen

- Michael Mazur

- Long Ly

- David Swarts

- Danielle Rodriguez

- Noah George

What we've accomplished in the past week/what we've been researching:

- Austen Van Brogen: Worked on a script for our youtube video and did my part
  during the interview
- Michael Mazur - Worked on the youtube video with team
- Long Ly - worked on team video

- David Swarts :Worked on the video and read research articles from IBM about different AI and neural
  networks

- Danielle Rodriguez: recorded youtube video

- Noah George: became more familiar with the nvidia-smi tool. Found a way to poll the data faster.

What we're planning to do in the coming week:

- Austen Van Brogen: Work on the professionalism assignment
- Michael Mazur - Learn more about neural networks

- Long Ly - Professionalism document and tensorflow experimentation

- David Swarts : Continue to research neural networks.

- Danielle Rodriguez: continue to research and work on the professionalism assignment
- Noah George: Continue working with the tool. Create a script to automate data collection

Issues we had in the previous week:

- Austen Van Brogen: It took us some time to figure out how to get interview set up and recorded

- Michael Mazur - n/a
- Long Ly - N/A, not much outside of purely personal research dealing with TensorFlow11

- David Swarts : I had no issues.

- Danielle Rodriguez: n/a

- Noah George: I am not sure if I am polling the sensor faster when I printing out the readout, or if I am
-               Just reading the same number faster. I don't have a way to stress the GPU.