**Digi Guess – Sprint 3**

**Digi Netters**

**11/06/17**

**Goal:** Our goal for this sprint is to have a working website that allows people to draw numbers and arithmetic symbols and, with a decent degree of accuracy, guess the number/arithmetic symbol. As well, have a rough about me page with a brief About Me with information on our model.

1. (5) **As a user, I want a higher accuracy rate for the website.**
   1. Implement Model
   2. Train Model
   3. Export .h5 file
2. (8) **As a user, I want to be able to smoothly draw a number.**
   1. Import library
   2. Research library
   3. Use library
3. (8) **As a user, I would like a well designed interface and easy to use website**.
   1. Research Bootstrap
   2. Implement design
4. (8) **As a user, interested in data science, I would like to understand how the neural net works.**
   1. Write an ELI5 for machine learning
   2. Edit ELI5
   3. Implement ELI5 into website
5. (8) **As a user, I would like the website to recognize arithmetic symbols.**
   1. Set up an arithmetic data set
   2. Train the model on the arithmetic data set
   3. Optimize model for numbers and arithmetic data set