**Technical Writing Week 6 HW** – Outline of final research paper

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Paper Topic : Models of Convolutional Neural Network

1. **Introduction**
   1. What is Neural Network?
   2. Background - Computer vision Tasks
      1. Classification : Use Convolutional Neural Network
2. **Body**
   1. About Neural Network
      1. Training neural network
         1. Forward propagation
         2. Backpropagation
      2. Network type - Convolutional Neural Network
         1. About CNN
         2. Models (Architectures)
            * AlexNet
            * VGGNet
            * ResNet
   2. Training Models
      1. Dataset
      2. Details of learning
   3. Result
      1. Accuracy
      2. Comparing each model
   4. Discussion
3. **Conclusion**
4. **References**