Week 1:

* Final literature review
* Implement CNN using python and TensorFlow.
* Make sure team members have proper development environment setup.

Week 2:

* Implement CNN using python and TensorFlow.
* Download training/testing data sets from Stanford.
* Download pre-trained word vectors.
* Implement python script to feed in the data set.

Week 3 - 5:

* Implement CNN using python and TensorFlow.
* Define convolutional and fully connected layers.

Week 6:

* Conduct preliminary evaluation on architecture.
* Train neural network with movie review data set.

Week 7:

* Hyper parameter tuning.

Week 8 - 10:

* Testing and evaluation.