- A description of your implementation of BitTorrent (1 page)

Bit-tortoise starts off by generating our peerID. Then it takes the .torrent file and parses it. From the information in the torrent file we create a list of pieces and blocks inside the pieces. The purpose of the list is to organize what pieces we’ll receive and request. The next step is to ping the tracker to get the list of peers. Once you get the response from the tracker, we parse the becoded data. From the list of peers we create sockets and add them to a selector. We loop waiting for the selector to give us something. When a socketchannel is ready, we parse the message. Whenever we receive an unchoke message we request a random available piece the peer has.

- A description of your extensions (if any) (1 page)

- A detailed list of work done by each project member (1 page)

Work Done by Members:

Andrew: Setting up SVN server, wrote deprecated receive message code. Wrote code to ping the tracker and process response including storing the peerlist. Abstracted code into tracker class. Creating Sha-1 Hash for given data. Handling code for unchoke messages.

Rob:

Will:

Kenny:

- Description of experiments and results (no page bound)

- for each experiment, please state the hypothesis you were testing, and the results you observed, and your conclusions.