1/19:

Undergraduates

Meeting:

* Doc:
  + January 25: Revised functional prototype goals
  + February 26: Cycle III Due
    - Week starting feb 22 is prototyping review
* Weekly Meeting setup:
  + Confirm for Friday afternoon for now; will account for Nitin later
* BLE:
  + Current BLE on nordic nrf52 supports 5 transmissions between each connection interval yielding a datarate of 107 kbps.
  + Current requirements is 128 kbps
  + Even if we could support 6 transmissions in one connection interval we would still need compression to work
  + nordic probably has a scheduler
* SPI:
  + Fatal error: need to work on it more
* Compression:
  + Tested compressing single bytes and files.
    - Single bytes have no change and file has a small amount of change.
    - Test with using buffers of 20 to 120 bytes since this is the max amount of bytes that can be sent in one connection interval.
* Possibly meet again tomorrow or Thursday