

The following represents the work that was done by John and Sawoud that was not implemented in the final project, all these commit hashes are related to the “John_Sawoud” branch:

The commit hash that contains all our work in the John_Sawoud branch is (most recent commit):
6dd2d2e437a84c7130f64123a2b72649ffca8990

NOTE: the commit hashes below are to help you find specific commits, however the commit provided above should be sufficient in showing all the listed work below. It is not required to look through all the below commits.

Mono Audio

impulseResponseLPF	src/filter.cpp	d07260c51f99dbe098d83f24241116dcfa4c7305
convolveFIR	src/filter.cpp	d07260c51f99dbe098d83f24241116dcfa4c7305
fmDemodArctanBlock	src/filter.cpp	1febbe5359e261e60e07068460fba4e958c42ce2
Front End/Mono Audio Path	src/experiment.cpp	5aec6f369f3f598cb4a8ccb3b4ae4d68219fe151

Stereo

fmPll	src/fmPll.cpp	f673497b6a47f6ca01f3e7d2830d5ca3607768f6
BandPass Filter	src/filiter.cpp	970a86af1b5b3833765b87f7daaec4a578b88ad0

RDS Demodulation & Data Processing

RDS Demod path	src/RDS_DEMOD.cpp	6e40832e14ec59ea887be78f68ec8dbf63acc7d5
CDR	src/RDS.cpp	b484e0e8da4431d206c5e8e005acd5f5664a8dd7
impulseResponseRootRaisedCosine	src/RDS.cpp	b4b280ab6b25dee9e122f98680ec44a2adfa8890
Manchester_and_differential	src/RDS.cpp	6e40832e14ec59ea887be78f68ec8dbf63acc7d5