We have fully implemented all the mono part and stereo part with threading, and we have proven that we can get mono part working properly in real-time testing but we sometimes encounter some underrun issues in real-time stereo testing. For RDS, the bit-stream processing basically finish (state cannot fully work)

Component	Specific job	Contributors
Hardware setup		Ruiyi Deng
Threading	For front-end, mono, stereo, RDS	Hao Wu
RF front end	Implementation & debugging	Lifeng Mei
mono	Mode 0 & 1 implementation	Lifeng Mei
	Debugging	All members
	Mode 2 & 3 implementation	Hao Wu, Ruiyi Deng
	Debugging	All members
	python	Hao Wu
	Realtime testing	Ruiyi Deng
stereo	Function PLL	Lifeng Mei
	Function all pass filter	Lifeng Mei
	Function BPF	Hao Wu
	Debugging	All members
	python	Yiming Chen
	Realtime testing	Ruiyi Deng
RDS	RRC Filter and PLL with Q processing	Yiming Chen
	Recovery and Demodulation	Lifeng Mei, Yiming Chen
	Bit-stream processing	Lifeng Mei, Yiming Chen
	Debugging	Lifeng Mei, Yiming Chen