Tasks	Date Range	Milestones
Identify Hardware for RTOS	October 23, 2017 - October 30	Purchase Hardware
Research previously designed RTOSs, especially the ones that use Rust	October 30, 2017 - November 10	
Identify the likely class of applications that will be run on our secure RTOS	October 30, 2017 - November 10	
Identify architecture approach	Ocober 30, 2017 - Novermber 10	
Investigate attack vectors for popular RTOSs, especially RTOSs that are commonly used in IOT applications	November 10, 2017 - November 17	
Setup repository and helpful labels	November 10, 2017 - November 17	
Identify if drivers will be required for hardware	November 17, 2017 - November 24	
Research getting something running on BSP	November 24, 2017 - December 1	
Initial setup of build tools + tool chains	December 1, 2017 - December 8	Setup testing environment for RTOS with Quemu
Create minimal bootable assembly program and flash to BSP	January 1, 2018 - January 26	Flash bootloader to the team's purchased target board
Investigate and implement memory allocation	January 26, 2018 - February 15	Visual output to user
Research how RTOSs assign priorities to tasks	February 15 , 2018 - February 23	
Implement basic process scheduling	February 23 , 2018 - March 9	Two (or more) processes managed by RTOS
Identify applications to use as test beds for the RTOS (likely IOT applications)	March 9, 2018 - March 16	First running application
Design testing framework	March 16, 2018 - March 30	
Red team	March 16, 2018 - April 13	Red Team testing
	April 13, 2018 - April 27	Process output