Task Name	Primary Assignee
Setup repository and helpful labels	Codi Burley
Identify Hardware for RTOS	Doug Flick
Identify if drivers will be required for hardware	Dom Farolino
Research getting something running on BSP	Doug Flick
Identify architecture approach	Dom Farolino
Initial setup of build tools + tool chains	Doug Flick
Create minimal bootable assembly program and flash to BSP	Dom Farolino
Make minimal kernel support bootloader	Codi Burley
Research how RTOSs assign priorities to tasks	Dan Wendelken
Implement basic process scheduling	Dom Farolino
Investigate and implement memory allocation	Dan Wendelken
Research previously designed RTOSs, especially the ones that use Rust	Codi Burley
Identify the likely class of applications that will be run on our secure RTOS	Dan Wendelken
Investigate attack vectors for popular RTOSs, especially RTOSs that are commonly used in IOT applications	Dan Wendelken
Design testing framework	Dan Wendelken
Red team	Franco/Doug Flick
Identify applications to use as test beds for the RTOS (likely IOT applications)	Codi Burley