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Week Number	Week Starting	Milestone	Phase	Tasks
-3	13 Dec 2021	Proposal Acceptance		Preparation; Purchase equipment
-2	20 Dec 2021			Fire Detection Module; Research computer vision models for fire detection
-1	27 Dec 2021			Fire Detection Module; Train computer vision model for fire detection
0	3 Jan 2022			Command and Control Dashboard; Display map of Singapore
1	10 Jan 2022		Phase 1	Command and Control Dashboard; Connect Dashboard to Database; Fire Detection Module; Train computer vision model for fire detection
2	17 Jan 2022		Phase 1	Walk the ground and user study with OSS; Fire Detection Module; Train computer vision model for fire detection; Command and Control Dashboard; Show pins on map indicating fire alarm location; Thermal Detection Module; Develop thermal detection software; Deploy thermal detection software; Raspberry Pi; Update database when fire is detected by thermal camera; Connect raspberry pi to database; Command and Control Dashboard; Change fire alarm status based on feedback from thermal camera
3	24 Jan2022		Phase 1	Cameras Arrive; Fire Detection Module; Train computer vision model for fire detection; Deploy computer vision model for fire detection; System Integration; Integrate thermal detection module; Integrate command and control dashboard; Integrate dashboard; Integrate fire detection module
4	31 Jan 2022		Phase 1	Fire Detection Module; Look for more accurate fire detection models to improve current model; Deploy computer vision model for fire detection; System Integration; Integrate fire detection module
5	7 Feb 2022	Integration of Raspberry Pi w Fire Detection + Thermal Detection + Dashboard	Phase 1	Fire Detection Module; Deploy computer vision model for fire detection
6	14 Feb 2022	Round 1 Testing Check-in w Sponsors	Phase 1	Fire Detection Module; Look for more accurate fire detection models to improve current model; Sponsor Check-in; OSS -> Thurs 17 February 2022, 11 am -12 pm; SCDF-> Thursday 17 February 2022, 5 pm - 6 pm
7	21 Feb 2022	Bug Fixes and Test	Phase 1	Sprint Retrospective
8	28 February 202	Midterm Presentation	Phase 2	Raspberry Pi; Mount raspberry pi and cameras on pan-tilt platform; Command and Control Dashboard; Transition to Flask; Fire Detection Module; Train improved computer vision model for fire detection; Deploy improved computer vision model for fire detection
9	7 March 2022		Phase 2	Raspberry Pi; Mount raspberry pi and cameras on pan-tilt platform; Command and Control Dashboard; Transition to Flask; Reinforce user design principles; Account Module; Log in/out Registration
10	14 March 2022		Phase 2	Command and Control Dashboard; Fire alarm management; Reinforce user design principles; Profile management; Administrator module; Manage users
11	21 Mar 2022	Round 2 Testing Checkin w Sponsors	Phase 2	Sponsor Check-in
12	28 Mar 2022	Bug Fixes and Test	Phase 2	Sprint Retrospective
13	4 Apr 2022		Phase 3	Usability module; Documentation; FAQ
14	11 Apr 2022		Phase 3	
15	18 Apr 2022	Final Presentation	Phase 3	
16	25 Apr 2022	Final Report Submission	Phase 3	