### 1.05 Heat Island Mapping

Oct 19, 2020

#### **Texas State University**

Project manager

**Project dates** Jan 18, 2021 - May 4, 2021

Completion 0% Tasks 27 Resources

This is a project to design a device for heat island mapping that will measure location, time, temperature, and humidity and record the data to a cloud server.

http://

# Tasks

Name	Begin date	End date					
Start D2	1/18/21	1/18/21					
Storage Subsystem	1/18/21	2/8/21					
Debugging Cloud Software	1/18/21	2/8/21					
Mapping Subsystem	1/18/21	2/8/21					
Debugging Mapping Software	1/18/21	2/8/21					
Data Collection Subsystem	1/18/21	2/8/21					
Unit Testing - Sensors	1/18/21	2/8/21					
Display Subsystem	1/18/21	2/8/21					
Unit Testing - Display	1/18/21	2/8/21					
Power Subsystem	1/18/21	2/8/21					
Unit Testing - Power	1/18/21	2/8/21					
Stretch Goals	1/18/21	2/8/21					
Finalize Sunlight Req.	1/18/21	1/25/21					
Order Sunlight Sesnor	1/26/21	2/1/21					
Test Sunlight Sensor	2/2/21	2/8/21					
Finalize Display Map Req.	1/18/21	1/25/21					
Modify Display	1/26/21	2/2/21					
Test Modified Display	2/3/21	2/8/21					
Final System Integration	1/25/21	4/21/21					
Modify Enclosure	1/25/21	2/8/21					
Prototype Assembly	2/9/21	2/15/21					
Product Testing	2/16/21	3/9/21					

### 3

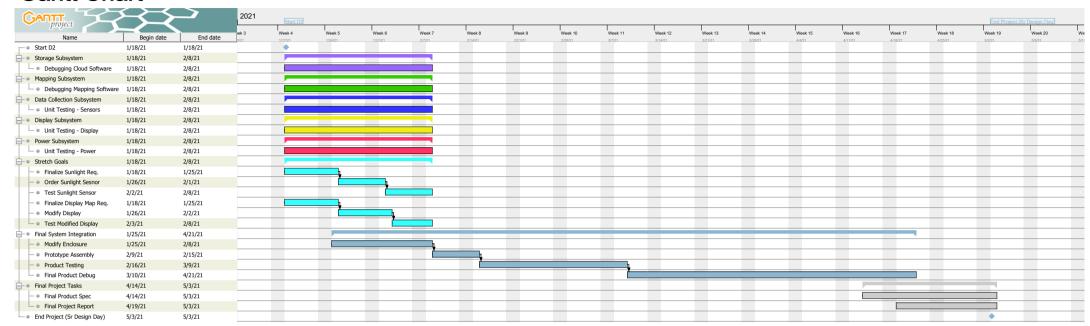
Tasks
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Name	Begin date	End date	
Final Product Debug	3/10/21	4/21/21	
Final Project Tasks	4/14/21	5/3/21	
Final Product Spec	4/14/21	5/3/21	
Final Project Report	4/19/21	5/3/21	
End Project (Sr Design Day)	5/3/21	5/3/21	

### Resources

Name	Default role
Jose Silva	Project Manager
Cameron Muir	Computer Engineer
Gabriel Montero-Sierra	Computer Engineer
Andrew Flores	Electrical Engineer
Dr. Semih Aslan	Faculty Advisor
Lee Hinkle	Sponsor

#### **Gantt Chart**



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#### Oct 19, 2020

## **Resources Chart**

GANTT	2021	Start D2															End Project (S	r Design Day)	
Name	Default role	Week 4 1/17/21	Week 5	Week 6	Week 7	Week 8 2/14/21	Week 9 2/21/21	Week 10 2/28/21	Week 11	Week 12 3/14/21	Week 13 3/21/21	Week 14 3/28/21	Week 15 4/4/21	Week 16 4/11/21	Week 17 4/18/21	Week 18 4/25/21	Week 19	Week 20 5/9/21	We
	Project Mana	1/1//21	1/24/21	1/31/21	211/21	2/14/21	2/21/21	2/28/21	3(1)21	3/14/21	3(2)(2)	3/28/21	4/4/21	4/11/21	4/18/21	4/25/21	5/2/21	5/9/21	Dr.I.e
Cameron Muir	Computer En	50%																	
Gabriel Montero-Sierra	Computer En																		
Andrew Flores	Electrical Engi																		
<ul><li>Dr. Semih Aslan</li></ul>	Faculty Advisor																		
Lee Hinkle	Sponsor																		

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