### 1.05 Heat Island Mapping

Oct 19, 2020

#### **Texas State University**

Project manager

**Project dates** Aug 24, 2020 - Dec 3, 2020

Completion 0% Tasks 24 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 Project	8/24/20	8/24/20	
Storage Subsystem	8/24/20	12/2/20	
Finalize Storage Req.	8/24/20	9/30/20	
Identify Cloud Software	10/1/20	11/10/20	
Cloud Testing	11/11/20	12/2/20	
Mapping Subsystem	8/24/20	12/2/20	
Finalize Mapping Req.	8/24/20	9/30/20	
Identify Mapping Software	10/1/20	11/10/20	
Software Testing	11/11/20	12/2/20	
3-D Printing of Chasis	11/11/20	11/25/20	
Data Collection Subsystem	8/24/20	12/2/20	
Finalize Sensor Req.	8/24/20	9/30/20	
Identify Sensors	10/1/20	11/10/20	
Order Sensors	11/11/20	12/2/20	
Display Subsystem	8/24/20	12/2/20	
Finalize Display Req.	8/24/20	9/30/20	
Identify Display	10/1/20	11/10/20	
Order Display	11/11/20	12/2/20	
Power Subsystem	8/24/20	12/2/20	
Finalize Power Req.	8/24/20	9/30/20	
Identify Battery	10/1/20	11/10/20	
Order Battery	11/11/20	12/2/20	
Order Microprocessor	11/11/20	12/2/20	

Tasks

Name	Begin date	End date	
End D1	12/2/20	12/2/20	

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### 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**

GANTT	$\Rightarrow\Rightarrow$	>	2020	Start Pro	nject								_					End	<u>1</u>
Name	Begin date	End date	/eek 34	Week 35 8/23/20	Week 36 8/30/20	Week 37 9/6/20	Week 38 9/13/20	Week 39 9/20/20	Week 40 9/27/20	Week 41 10/4/20	Week 42 10/11/20	Week 43 10/18/20	Week 44 10/25/20	Week 45	Week 46 11/8/20	Week 47 11/15/20	Week 48 11/22/20	Week 49 11/29/20	Week 50 W
Start Project	8/24/20	8/24/20	10/20	<b>♦</b>	0/00/20	070,20	0/10/20	0/20/20	0/21/20	10/4/20	10/11/20	10/10/20	10/20/20	11/1/20	1170/20	11/10/20	THEFE	11/20/20	12/0/20
<ul><li>Storage Subsystem</li></ul>	8/24/20	12/2/20																	
<ul> <li>Finalize Storage Req.</li> </ul>	8/24/20	9/30/20							լ										
<ul> <li>Identify Cloud Software</li> </ul>	10/1/20	11/10/20																	
Cloud Testing	11/11/20	12/2/20																	
Mapping Subsystem	8/24/20	12/2/20																	
<ul> <li>Finalize Mapping Req.</li> </ul>	8/24/20	9/30/20																	
<ul> <li>Identify Mapping Software</li> </ul>	10/1/20	11/10/20																	
<ul><li>Software Testing</li></ul>	11/11/20	12/2/20																	
• 3-D Printing of Chasis	11/11/20	11/25/20																	
Data Collection Subsystem	8/24/20	12/2/20																	
<ul><li>Finalize Sensor Req.</li></ul>	8/24/20	9/30/20																	
<ul> <li>Identify Sensors</li> </ul>	10/1/20	11/10/20																	
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Identify Battery	10/1/20	11/10/20																	
• Order Battery	11/11/20	12/2/20																	
Order Microprocessor	11/11/20	12/2/20																	
• End D1	12/2/20	12/2/20																•	

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### **Resources Chart**

GANTT. project		2020	Start Pro	iject							1	T	1	1			End [	<u>D1</u>	
Name	Default role	feek 34 16/20	Week 35 8/23/20	Week 36 8/30/20	Week 37 9/6/20	Week 38 9/13/20	Week 39 9/20/20	Week 40 9/27/20	Week 41 10/4/20	Week 42 10/11/20	Week 43 10/18/20	Week 44 10/25/20	Week 45 11/1/20	Week 46 11/8/20	Week 47 11/15/20	Week 48 11/22/20	Week 49 11/29/20	Week 50 12/6/20	W 12
Jose Silva	Project Ma																75%		
Cameron Muir	Computer																75%		
<ul><li>Gabriel Montero-Sierra</li></ul>	Computer																		
<ul><li>Andrew Flores</li></ul>	Electrical E																		
• Dr. Semih Aslan	Faculty Adv																		
Lee Hinkle	Sponsor																		

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