1.05 Heat Island Mapping

Oct 19, 2020

Texas State University

http://

Project manager	
Project dates	Jan 18, 2021 - May 4, 2021
Completion	0%
Tasks	27
Resources	6

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.

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

Tasks

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

Name	Begin date	End date
Start D2	1/18/21	1/18/21
Storage Subsystem	1/18/21	2/8/21
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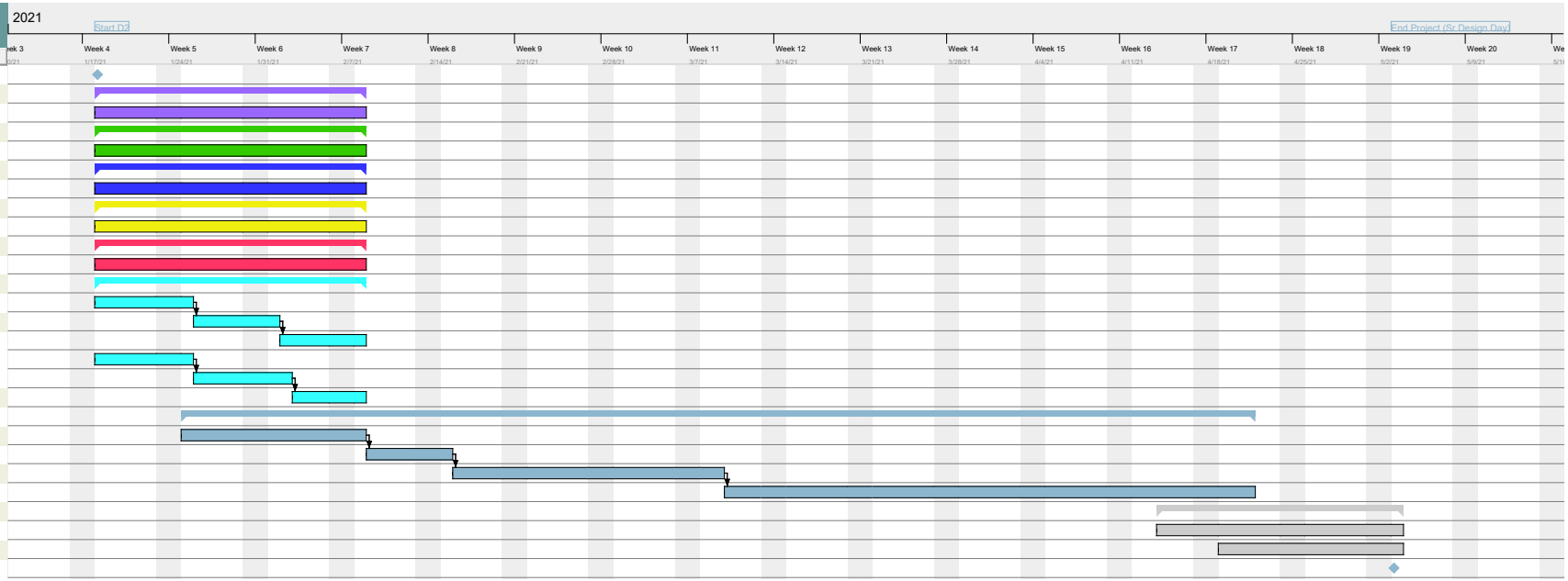
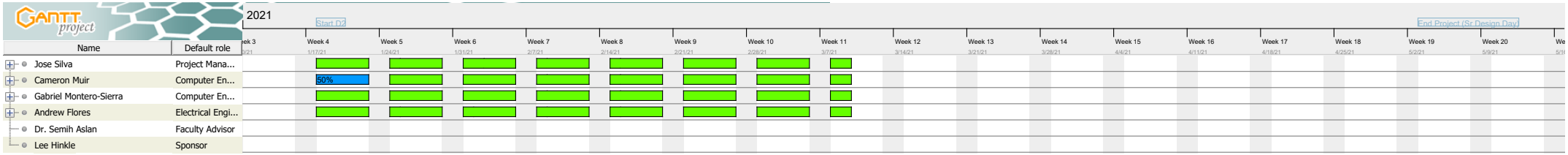
Resources Chart