$179.99
per flower

TEAM CHOCOLATE COSMOS

RILEY CAMMACK SAWINNA HUANG KENNETH LAURITZEN
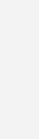
WITH MENTORSHIP FROM EMILY LUM

INTRODUCTION

RILEY

Computer Engineer
Sophomore

SAWINNA

Electrical Engineer
Sophomore

KENNETH

Computer Engineer
Sophomore

EMILY

Mentor

MOTIVATION

❖ Reducing Hawaii's oil dependency

❖ Integration of renewable energy sources

❖ Learning vital skills for engineering career

❖ Acquiring and interpreting data

OVERVIEW

❖ Design a working weatherbox

❖ Collect accurate, reliable data

❖ Maximize efficiency

❖ Minimize cost

❖ Durable design

GOALS

Short-term goals:

- To gain hardware/software skills
- Time management
- Leadership
- Communication
- Better knowledge of renewable energy
- Soldering skills
- Become proficient in various programs

Long-term goal:

- Make a weatherbox that works

TIMELINE

	Team Chocolate Cosmos														
	(Gantt Chart)														
Week	1	2	3	4	5	6	7	8	9 Spring Break	10	11	12	13	14	15
Date	1/16/2017	1/23/2017	1/30/2017	2/6/2017	2/13/2017	2/20/2017	3/6/2017	3/13/2017	3/20/2017	3/27/2017	4/3/2017	4/10/2017	4/17/2017	4/24/2017	5/1/2017	5/8/2017
Git/GitHub	Tutorial	Tutorial	Tutorial													
Arduino/Bare Arduino																
Eagle																
Modules																
Microprocessor																
Sensors																
Charging Circuit																
Xbee																
Build																
Overall System Firmware																
System Integration																
Design/Print PCB																
Housing																
Test																
Debug																
Reports																
Final Report																

6

END