Objective
The project is to create an electric autonomous lawnmower. The goal is to have a lawnmower that will have a run time of 1 hour on a charge, the ability to dock itself at a charger, and the ability to mow approximately 1 acre per day.

Design Concept

System Overview
The micro-controller will be interfaced to the motor, sensors and GPS and can change the wheel speed and grass cutting length.