

MME 4499 – Mechanical Engineering Capstone Project Proposal Document

Name of Sponsor	LifeSpin
Title of Project	
Greenhouse Watering System	
Brief Project Description	
Development of a watering system for our greenhouse, which will include development of plant racks that allow for drainage by way of water reclamation, and pump, along with venting - fan possibly solar? To also create water harvesting from a stand-alone barrel or from the roof of the greenhouse which is circular in structure.	
Desired Project Deliverables	
An automatic watering system for the greenhouse that will be able to harvest, distribute and reclaim water. Power for the greenhouse should be provided using renewable energy sources and should be integrated into the greenhouse infrastructure.	