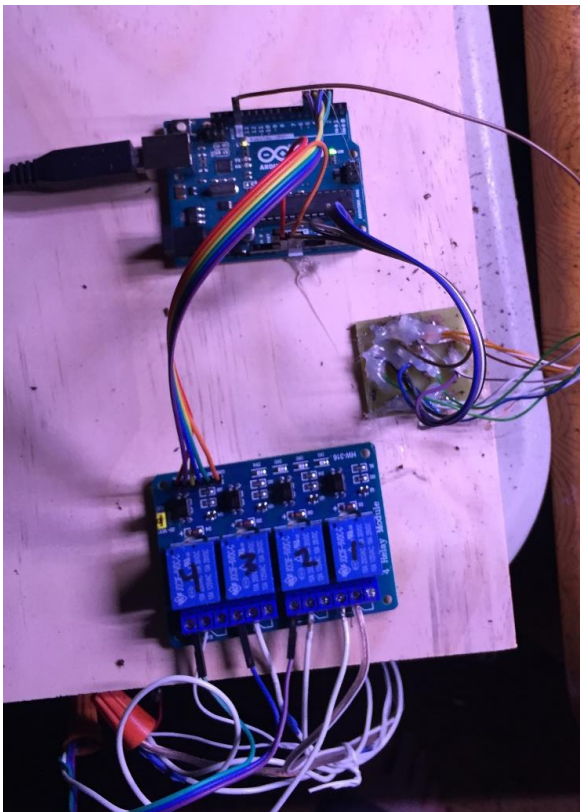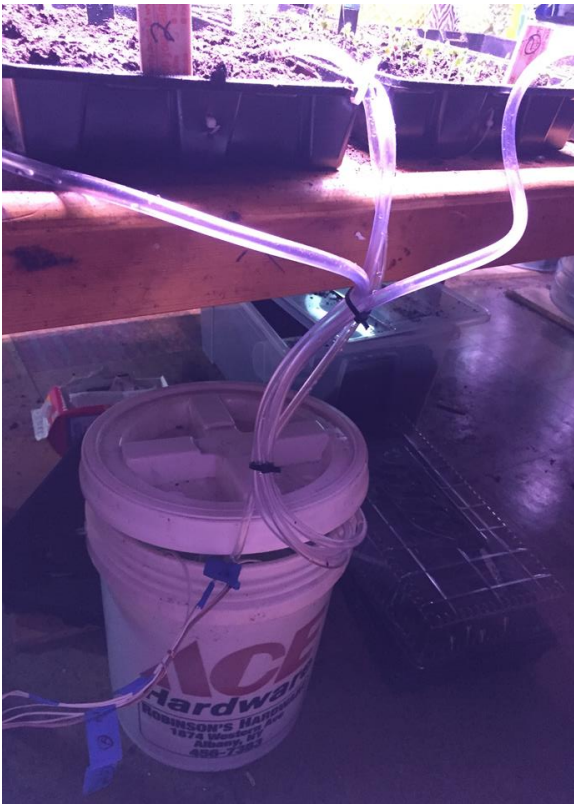The project during setup; tubes with small holes drilled in them are connected to submered pumps.

The control circuit for the irrigation system. An arduino is connected to a four chanel relay and four moisture sensors. Each relay drives a 5v pump.

The four pumps are all submered in the tank.

The completed system, some of the seeds even started sprouting during testing.