**Problem Statement**

There is a great need for a lot more food supply in the situation we are in right now. The farmers' current technology prevents them from providing food on demand. For a huge number of acres, it is difficult for them to remotely monitor and irrigate the area. They end up using more water and energy as a result of this. In order to efficiently produce more food, the farmers aim to utilise as little water and energy as possible. They need a way to access the pump for all of the lands with a single click in order to accomplish this, and they also require access to information regarding the soil's state wherever and whenever they like.