

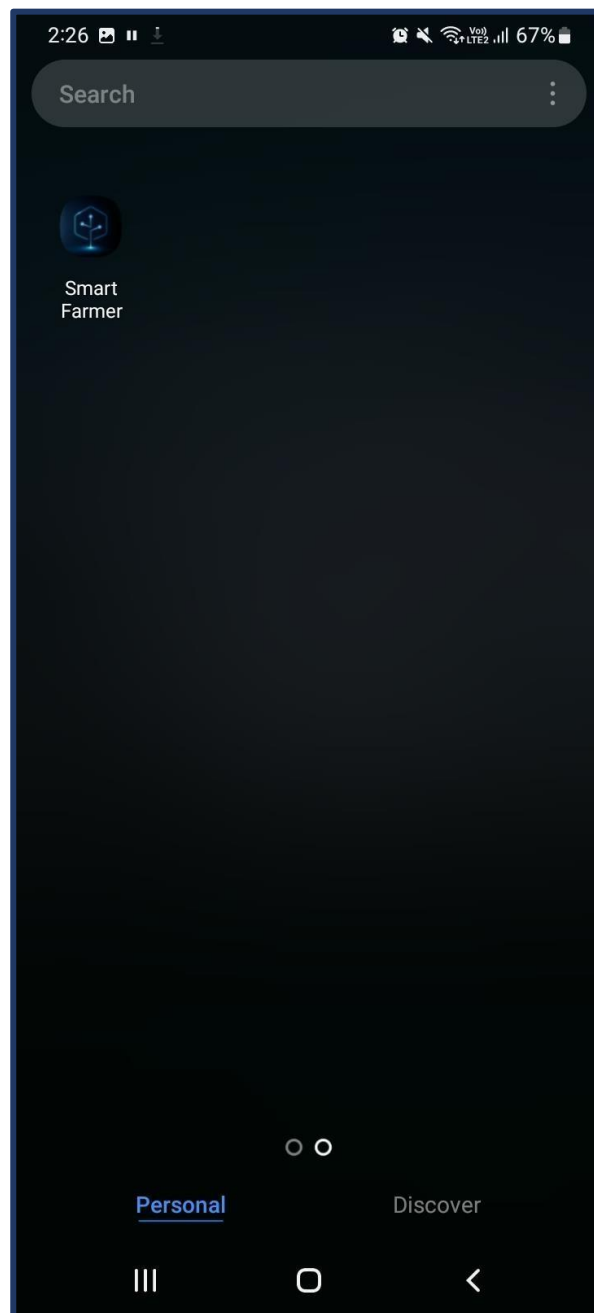
Sprint-3

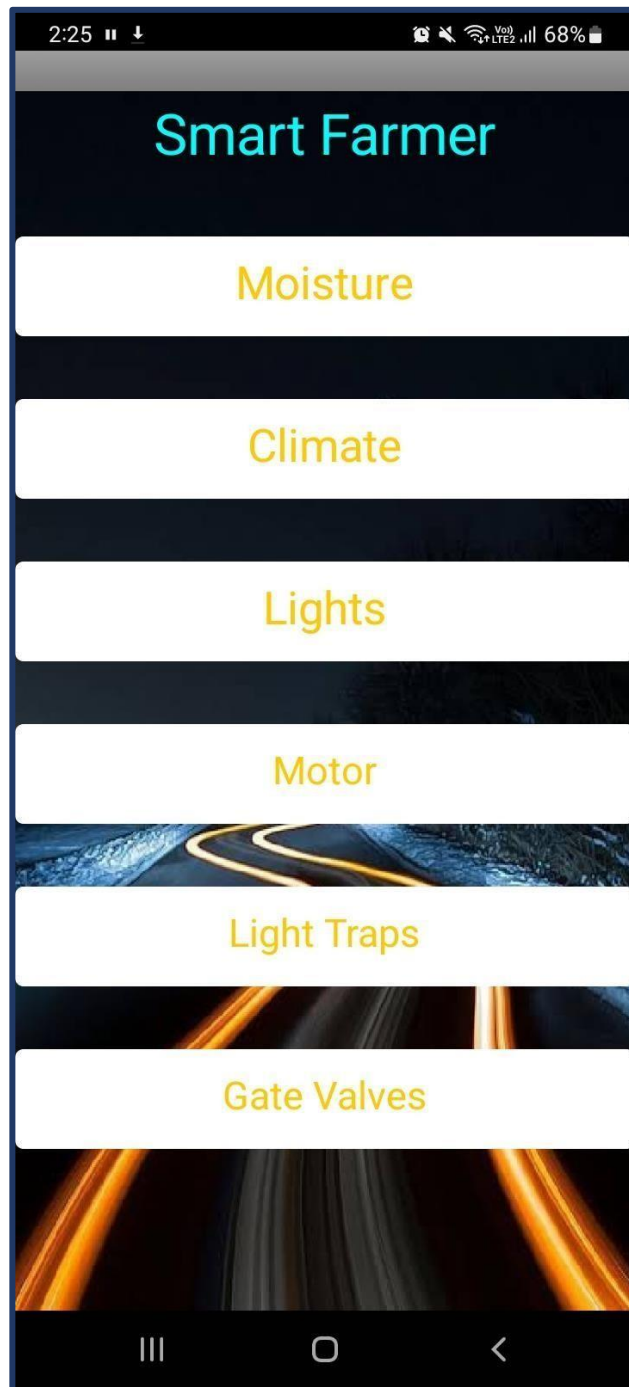
Registration and login dashboard

Date	11 November 2022
Team ID	PNT2022TMID19113
Project Name	SmartFarmer - IoT Enabled Smart Farming Application

To develop an application using MIT app interface:

- Developed mobile application:









2:25

VoLTE 68%

Motor

ON

OFF

Back







Explanation:

→ The main aim of this project is to help farmers automate their farms by providing them with a Web App through which they can monitor the parameters of the field like Temperature, soil moisture, humidity and etc and control the equipment like water motor and other devices remotely via internet without their actual presence in the field.

→ Farmers are to be present at farm for its maintenance irrespective of the weather conditions. They must ensure that the crops are well watered and the farm status is monitored by them physically. Farmer must stay most of the time in field in order to get a good yield. In difficult times like in the presence of pandemic also they have to work hard in their fields risking their lives to provide food for the country.

→ To improve the farmer's working conditions and make them easier, we introduce IoT services to him in which we use cloud services and internet to enable farmer to continue his work remotely via internet. He can monitor the field parameters and control the devices in farm.