Sprint-4
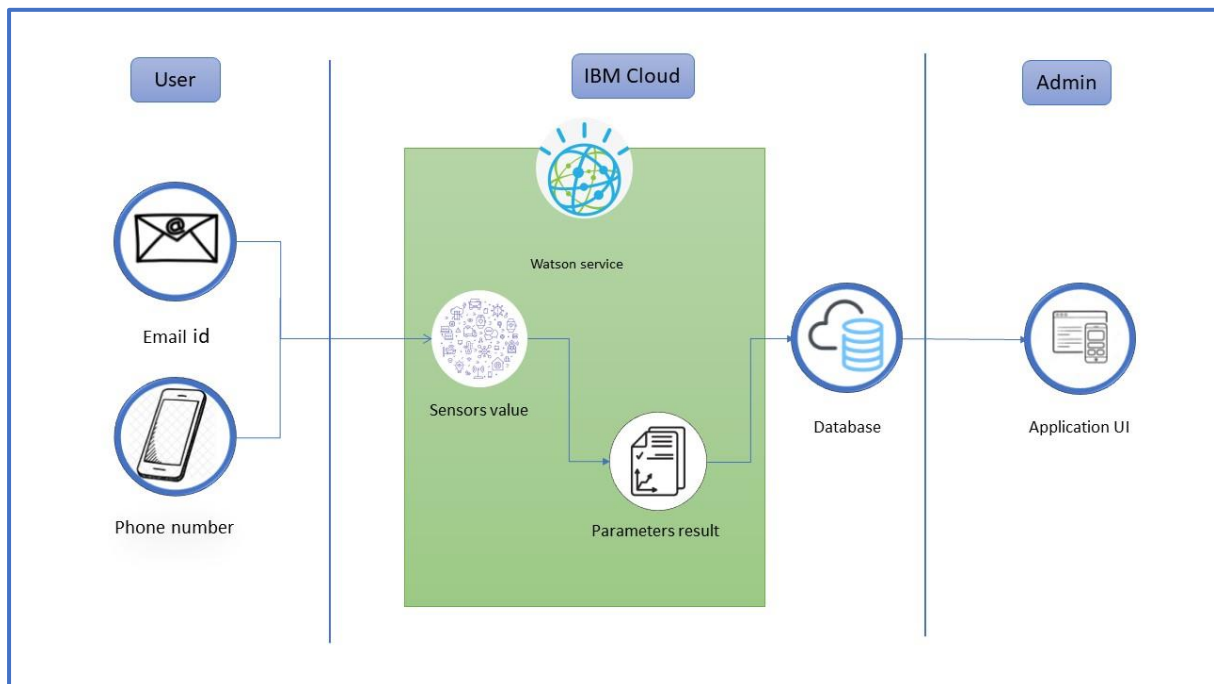## User interaction with the software

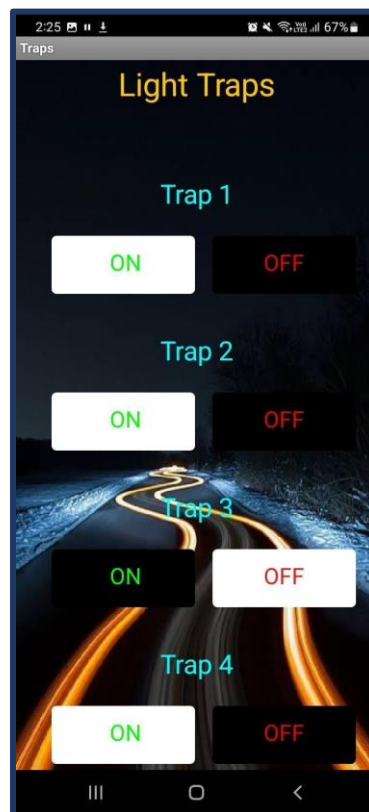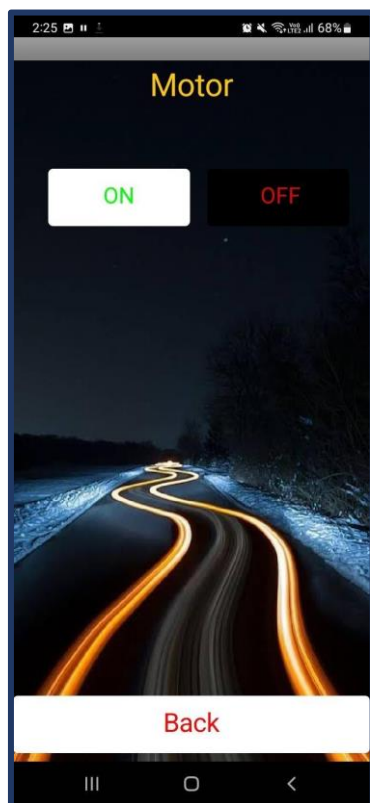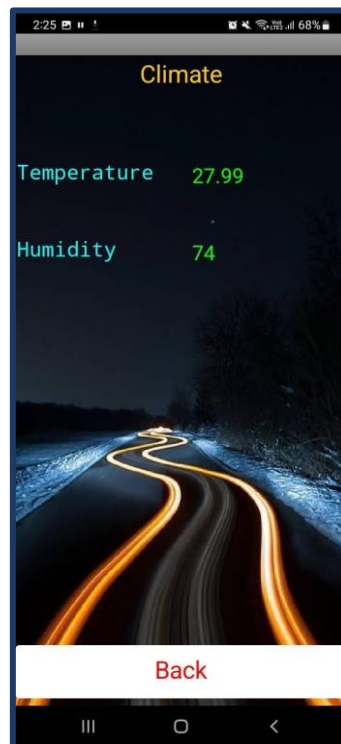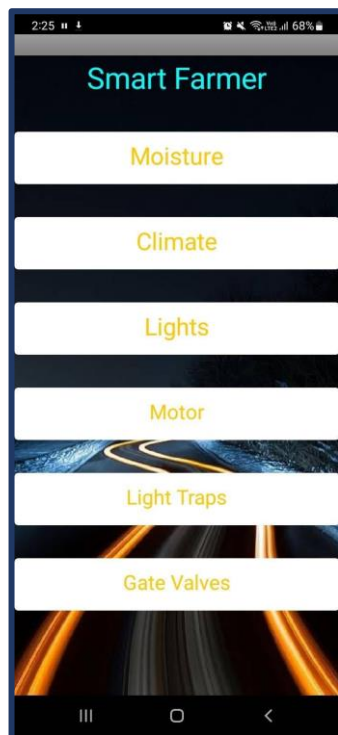| Date	18 November 2022
Team ID	PNT2022TMID19113
Project Name	SmartFarmer - IoT Enabled Smart Farming Application

User interaction with the software:

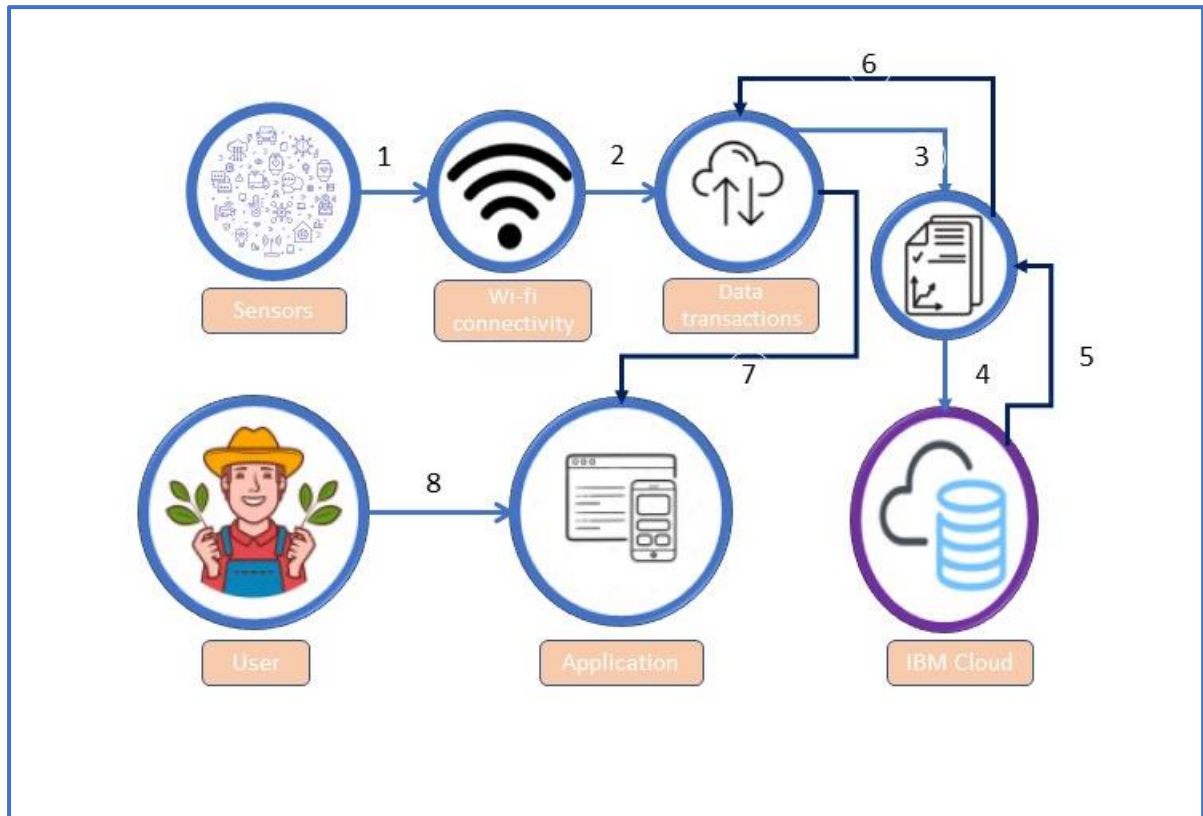- **Developed mobile application's working procedure:**

Explanation:

1. The user will provide their registered with their username in the format of email or phone number and a password which should be provided as the user credentials for the login purpose
2. Using sensors, the parameters result will be collected by the help of Watson Cloud and will be stored in a database
3. Then the data will be transferred by the data transaction and will be available on the application
4. Again, if the user configures and starts the app. The data(s) will readily be available in the app as shown below

- **Developed mobile application:**

- **Data derivation process:**

Explanation:

1. The measured characteristics data values of the soil will be measured by the help of the sensors will be collected
2. The collected data will be then transferred to the IBM Cloud using Wi-fi connectivity support
3. This transferred data will be then saved to the IBM Cloud
4. Then the data will be transferred by the data transaction and will be available on the application
5. Again, if the user configures and starts the app. The data(s) will readily be available in the app