

MOBILE APPLICATION

DATE	12 November 2022
Team ID	PNT2022TMID23131
Project Name	IOT Enabled Smart Farming Application

DOMAIN: IOT – Internet Of Things

TEAM MEMBERS:

Jeeva Getzie Cynthia A(913119106038)

Srinithi A (913119106109)

Afrin Jumana M(913119106005)

Priya M(913119106079)

MOBILE APPLICATION



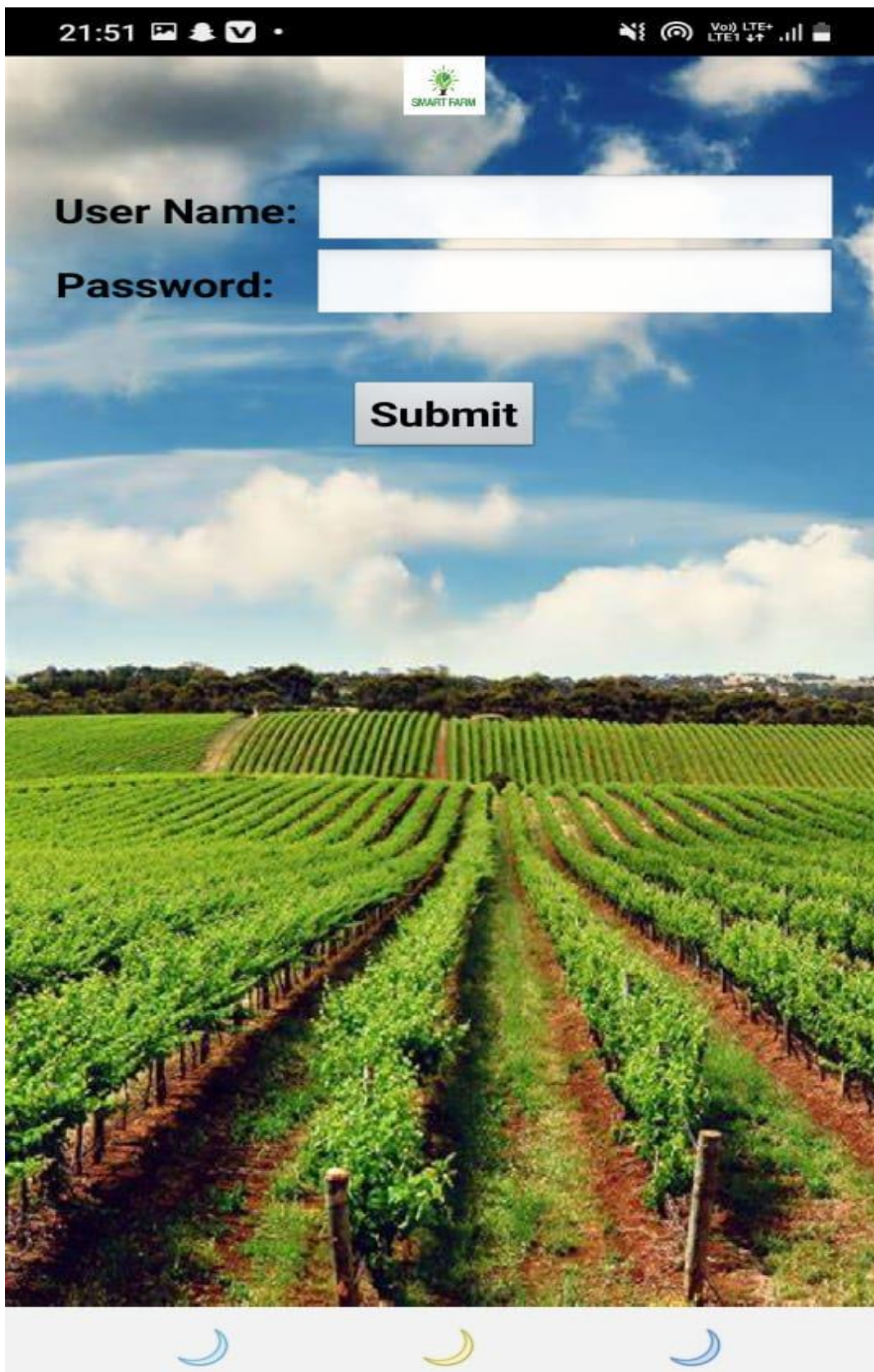
FRONT PAGE

PAGES OF THE DEVELOPED APP WHICH SHOWS THE HUMIDITY, TEMPERATURE AND TEMPERATURE VALUES .



SECOND PAGE

USER SHOULD PROVIDE THEIR USERNAME AND PASSWORD.



The image shows a mobile application interface for 'SMART FARM'. The background is a photograph of a vast vineyard with rows of green grapevines stretching towards a horizon under a blue sky with white clouds. At the top, there is a black status bar with the time '21:51', social media icons (Instagram, Snapchat, WhatsApp), and cellular network indicators (VoLTE, LTE+, LTE1, signal strength, and battery level). Below the status bar, the 'SMART FARM' logo is centered at the top. The main content area contains the following elements:

- User Name:** A label followed by a white rectangular input field.
- Password:** A label followed by a white rectangular input field.
- Submit**: A grey rectangular button with the text 'Submit' in black, centered below the password field.

At the bottom of the screen, there is a light grey navigation bar containing three circular icons: a blue crescent moon on the left, a yellow crescent moon in the center, and a blue crescent moon on the right.

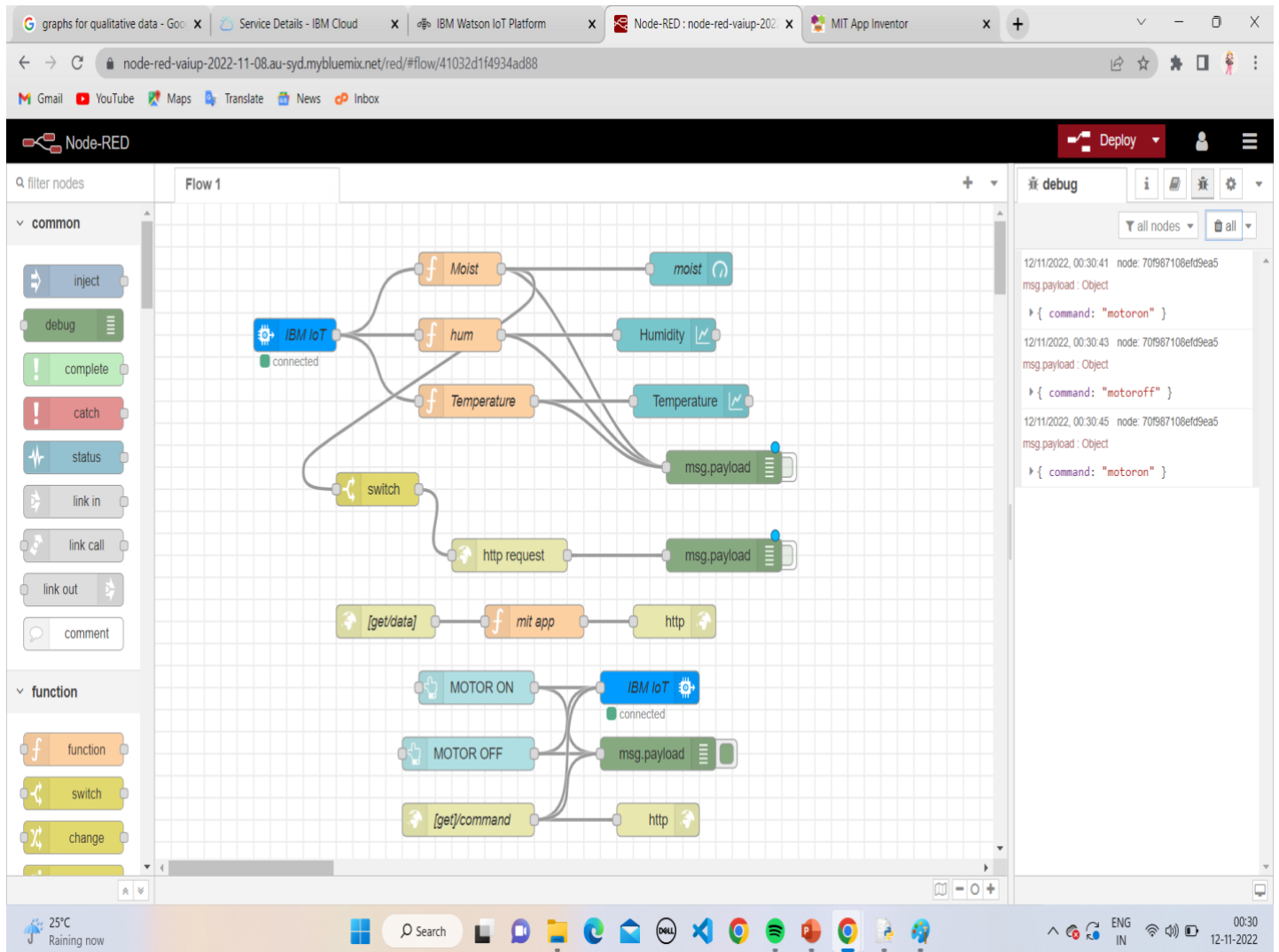
THIRD PAGE

THE USER WILL PROVIDED WITH THE DETAILS OF THEIR FIELD CONDITIONS (i.e.,) TEMPERATURE , HUMIDITY AND MOISTUE VALUE . BASED ON THIS THEY CAN CONTROL FROM THID MOBILE APP.



NODE RED PAGE

THIS SHOWS THAT THE MOTOR IS CONTROLLED WITH THE HELP OF MOBILE APP.



Link of the developed app from MIT App Inventor:

<http://ai2.appinventor.mit.edu/#5557081697288192>

