Crop Recommendation System

Abhishek Sharma, Alokit Sharma, Ankita Arya, Asit Joshi

INTRODUCTION

Farmeasy is the machine learning system.by which farmers can get recommendation for crop by just entering the soil content in the system. Farmeasy also comes with the fertilizer. recommendation for the recommended crop.
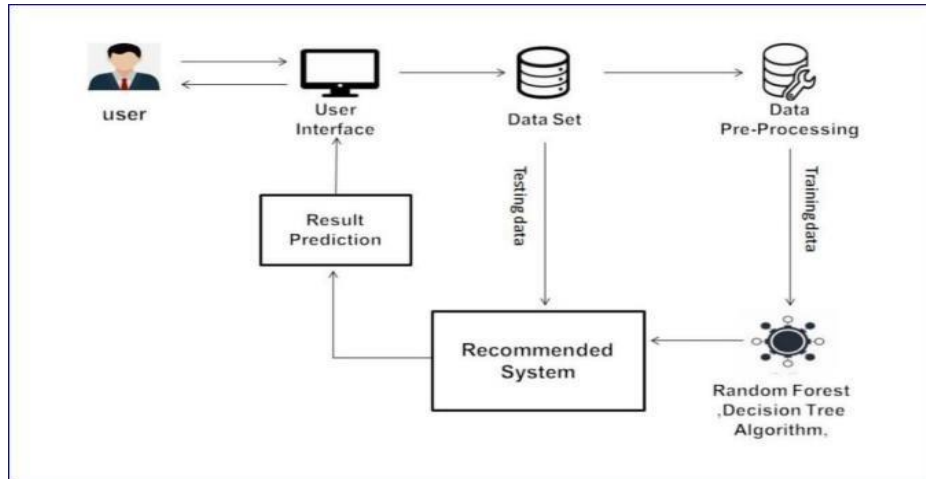
OBJECTIVE

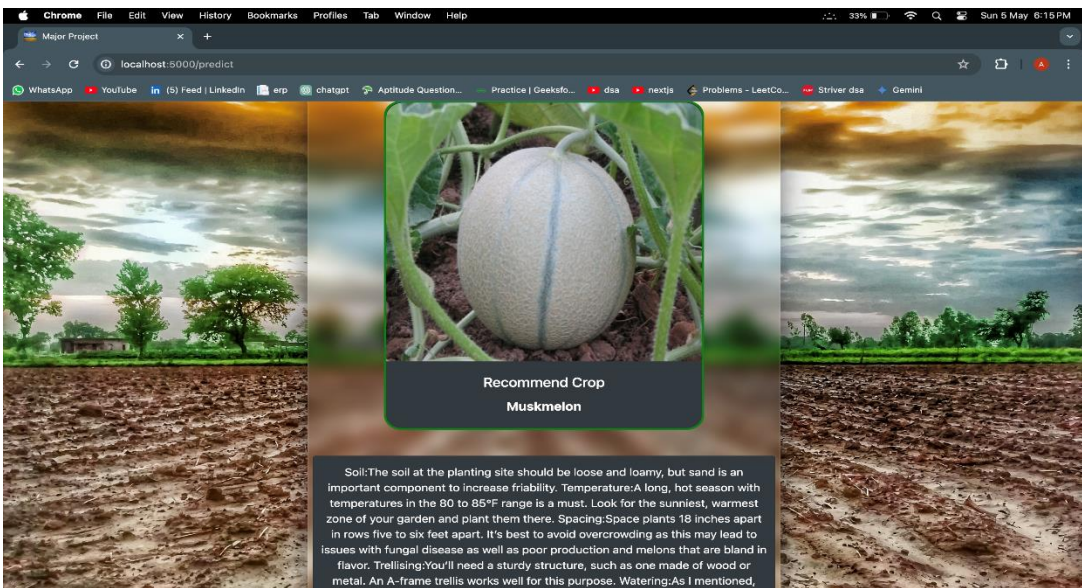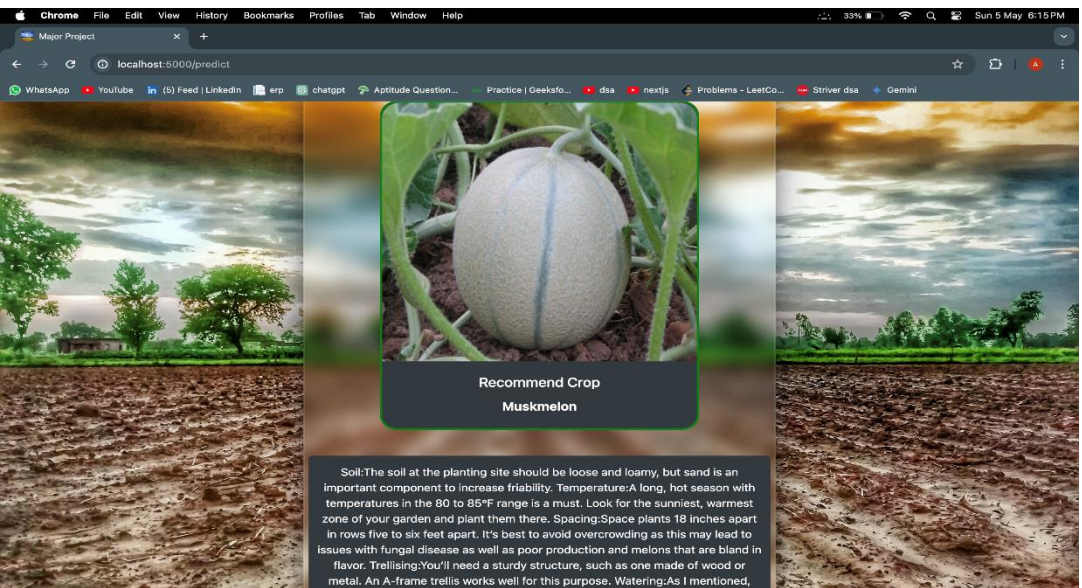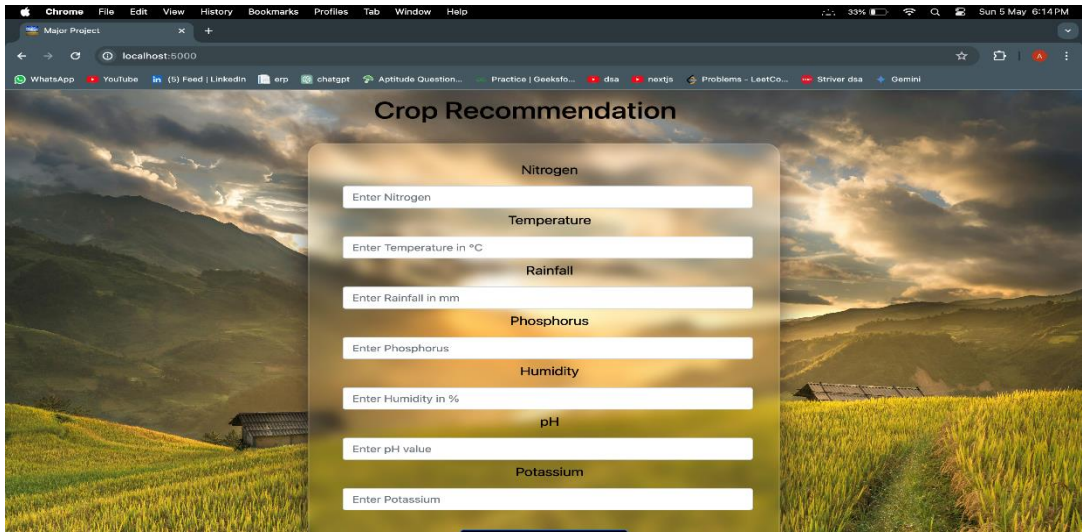Farmeasy's was developed with the objective of making farmers lives easy.

• To give a high crop yield.

• To obtain a better variety of crops that can be grown over the season.

ALGORITHM AND TECHNOLOGY USED

Random Forest Algorithm

Decision Tree

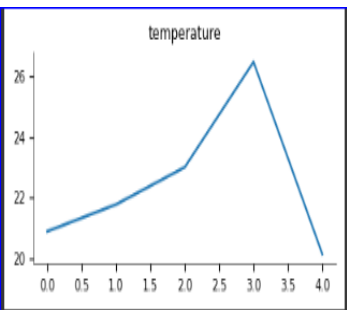Support Vector Machine

Logical Regression
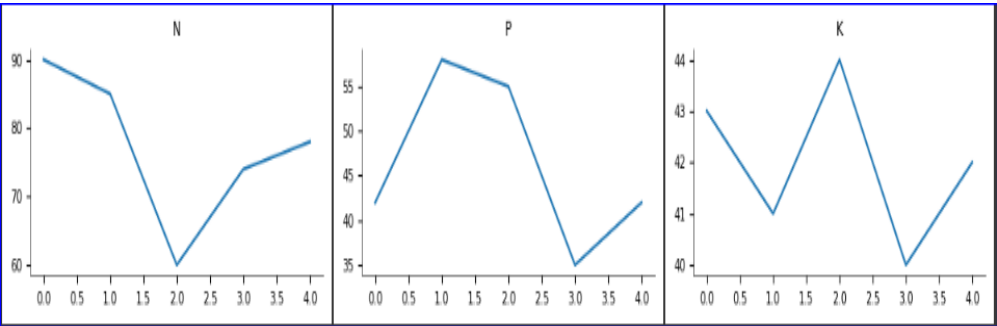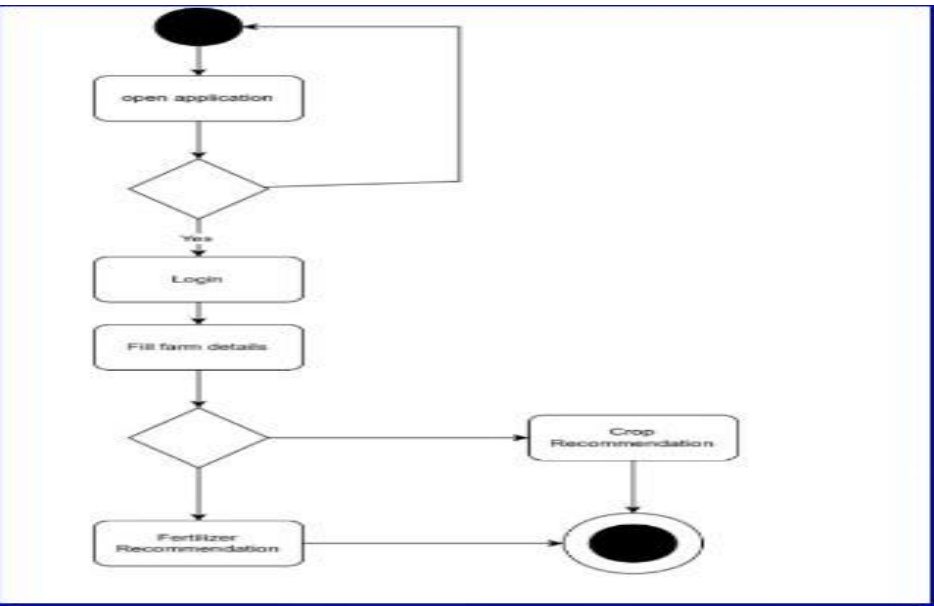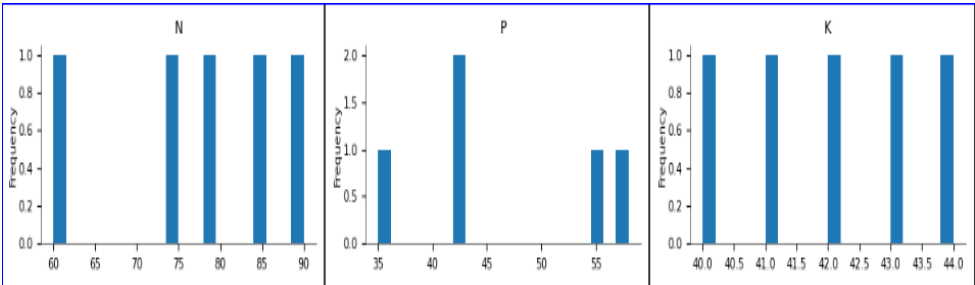
Python

Flask

FARMEASY

GRAPHS AND FIGURES

Farmeasy gives 99% accuracy through Random Forest Algorithm.

Accuracy comparison on the given values taken from data set

CONCLUSIO

Agriculture is key to our country's economy, so even the smallest investment done in this sector has a tremendous effect. on our country altogether. Our system will provide them with a ray of hope to grow. crops, which will earn them the most profit.The quality as well as quantity of their Production will increase exponentially. It will also help them maintain nutrients. content in the soil. Both the quantity and quality will increase.

REFRENCES

1.Manpreet Kaur, Heena Gulati, Harish Kundra, "Data Mining in Agriculture on Crop Price Prediction: Techniques and Applications", International Journal of Computer Applications, Volume 99– No.12, August 2014.

2. J. Meng, "Research on the cost of agricultural products circulation and its control under the new normal economic development," Commercial Times, no. 23, pp. 145147, 2016.

CONTACT

Abhishek Sharma- abhisheksharma20465@acropolis.in

Alokit Sharma- alokitsharma20401@acropolis.in

Ankita Arya- ankitaarya20550@acropolis.in

Asit Joshi- asitjoshi20733@acropolis.in