# HACKATHON REPORT

We had hackathon on 24th and 25th of February 2023, which was held at Anurag University, Ghatkesar. On the first day I.e; 24th February two rounds were conducted.At 9:30 AM there was orientation program.After that Round 1 started .The round was to present “ Idealization of the project”.The domain we selected was Agriculture.Hence , our idea was “Crop Recommendation System using Machine Learning”. The Round 1 has ended with us presenting the idea.

As the hackathon was conducted in hybrid mode Round 2 was conducted online. In which, we have prepared an ML model through which we predicted crops on the basis of soil pH, nutrients, humidity, temperature. At 12:00 PM we were allotted the slot to present our model, which promoted us to Round 3.

Round 3 was on the second day I.e; 25th February in offline mode. Here we presented our final prototype,which was deployed into flask framework. We have created a website through which the farmers can access the model easily by just entering the required values.Finally our model was successful in predicting the right crop on the basis of given data.

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