

IIT ROPAR



2024

NEAR THE FAR FUTURE

16-17-18 FEB

# HACK-O-MANIA

Code crafters unite, let ideas take flight.

TRACK - WEB / APP DEV

# INTRODUCTION

MAKING DATA COLLECTION EASIER

COLLECTING CROP DATA SAMPLES FROM DIFFERENT REGIONS IS A DIFFICULT JOB. IMAGES OF CROPS, THEIR CYCLE DATES ETC. ARE NEEDED FOR RESEARCH PURPOSES BUT CAN'T BE EXTRACTED REGULARLY BY VISITING EACH FARM.

## PROBLEM STATEMENT

DEVELOP AN APP / WEB BASED SOLUTION WITH FARMER AND ADMIN INTERFACE. ADMIN CAN CREATE INSTANCES OF FOLDERS AND ASSIGN FARMERS TO FOLDERS DEPENDING ON REGIONS OR CROPS. FARMERS CAN UPLOAD IMAGES AND DATA RELATED TO WHATEVER IS ASSIGNED TO THEM. YOU CAN MAKE ASSUMPTIONS WHEREVER NEEDED.

## EVENT GUIDELINES

GENERAL:-

- THIS IS A 48-HOUR HACKATHON.
- THE PROBLEM STATEMENTS FOR EACH DOMAIN WILL BE UPLOADED ON 10TH FEBRUARY AT 10:00.
- EACH TEAM IS REQUIRED TO PREPARE A DOCUMENT DESCRIBING THEIR APPLICATION, WHICH WILL BE JUDGED BY A PANEL OF JUDGES.
- TEAMS CAN USE LIBRARIES, FRAMEWORKS, PUBLIC APIs OR OPEN-SOURCE CODE IN THEIR PROJECTS. WORKING ON A PROJECT BEFORE THE EVENT AND OPEN-SOURCING IT FOR THE SOLE PURPOSE OF USING THE CODE DURING THE EVENT IS AGAINST THE SPIRIT OF THE RULES AND IS NOT ALLOWED.
- IN CASE ANY ADVERSARIAL SITUATION ARISES, THE DECISION OF THE ORGANIZING COMMITTEE AND JUDGES WOULD BE FINAL AND BINDING ON ALL.

DATES:

10TH-11TH FEBRUARY 2024 (ONLINE HACKATHON)

# JUDGING CRITERIA

- DESIGN
- TECHNOLOGY
- COMPLETION
- INNOVATION AND IMPACT
- EFFICIENCY

FOR ANY QUERIES, FEEL FREE TO CONTACT:

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## NOTE:

- NOTIFICATION OF ANY CHANGES TO THE EVENT WILL BE GIVEN BEFORE THE EVENT COMMENCES.
- VIOLATION OF RULES AND USE OF ANY UNFAIR MEANS WILL RESULT IN IMMEDIATE DISQUALIFICATION.
- THE ORGANIZING TEAM'S DECISION IS FINAL. NO FURTHER DEBATE IS ALLOWED.