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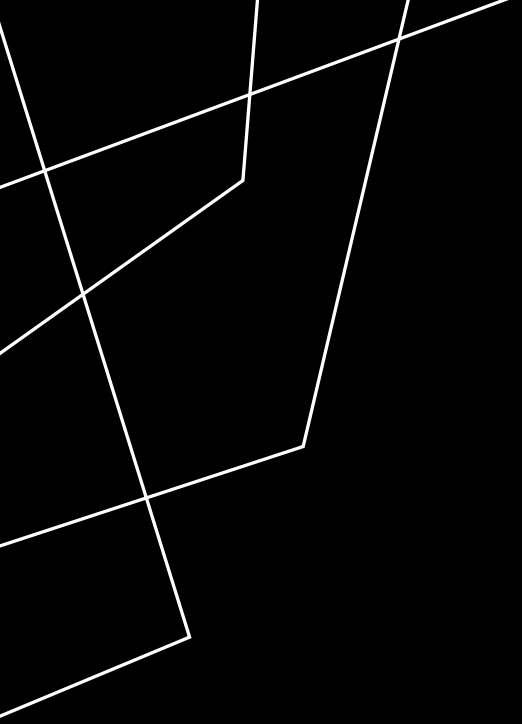
BUT WHAT IS AN IDEATHON?

IT IS A BRAINSTORMING EVENT WHERE TEAMS GET TOGETHER TO PRODUCE INNOVATIVE SOLUTIONS TO REAL-WORLD PROBLEMS



NO TECHNICAL EXPERTISE IS REQUIRED!

ALL YOU NEED IS CREATIVITY, CRITICAL THINKING, AND BEING SENSITIVE TO THE NEEDS OF REAL HUMANS

NOW FOR THE RULES

- TEAMS WILL HAVE UNTIL **10:00 AM ON DAY 2** TO BRAINSTORM AN IDEA AND SUBMIT THEIR PRESENTATIONS.
- ON DAY 2, EACH TEAM WILL HAVE **10 MINUTES TO PRESENT THEIR IDEAS**, FOLLOWED BY **5 MINUTES FOR CRITIQUE** BY OTHER TEAMS AND RESPONSE TO THE CRITICISM.
- THE PRESENTATION SHOULD INCLUDE THE FOLLOWING SECTIONS – **PROBLEM IDENTIFICATION**, **SOLUTION**, **IMPLEMENTATION**, **IMPACT** *(OPTIONAL)*, AND OTHER RELEVANT INFORMATION, IF ANY.
- USE OF THE **INTERNET** AND **AI TOOLS** IS ENCOURAGED FOR RESEARCH, AS LONG AS YOU MENTION YOUR CITATIONS. HOWEVER, **PLAGIARISM** WILL BE COUNTERED WITH STRICT MEASURES.
- ALL TEAMS MUST WORK **INDEPENDENTLY**. IF FOUND COLLABORATING, YOU MAY BE **DISQUALIFIED**.
- JUDGEMENT WILL BE OVER VARIOUS PRE-DECIDED CRITERIA. YOU CAN EARN **BONUS POINTS** FOR **VALID CRITICISM** OF OTHER IDEAS AS WELL AS **COUNTERS** TO RECEIVED CRITICISM.

SUSTAINABLE CAMPUS TRANSPORTATION

PROBLEM 1

- AS CITIES GROW, MANY UNIVERSITY CAMPUSES FACE CHALLENGES RELATED TO TRANSPORTATION.
- PEOPLE ON CAMPUS OFTEN RELY ON PERSONAL VEHICLES, WHICH LEADS TO TRAFFIC CONGESTION, PARKING SHORTAGES, AND INCREASED CARBON EMISSIONS.
- **YOUR TASK IS TO DEVELOP A SUSTAINABLE SOLUTION FOR A UNIVERSITY CAMPUS WHICH REDUCES RELIANCE ON PERSONAL VEHICLES AND EASES CONGESTION.**

CONSIDER THE FOLLOWING ASPECTS

- **ACCESSIBILITY** FOR EVERYONE, ESPECIALLY THOSE WITH DISABILITIES
- **INTEGRATION** WITH EXISTING PUBLIC TRANSPORTATION
- **COST EFFECTIVENESS** FOR BOTH THE UNIVERSITY AND THE USERS
- **ENVIRONMENTAL IMPACT** AND **CARBON FOOTPRINT REDUCTION**
- **SCALABILITY** AND **ADAPTABILITY** TO CHANGING CAMPUS NEEDS
- POTENTIAL USE OF **EMERGING TECHNOLOGIES** (JUST A BRIEF DESCRIPTION OF THE TECHNOLOGY WILL SUFFICE)
- PROMOTION OF **HEALTHY LIFESTYLES** AND **COMMUNITY WELL-BEING**

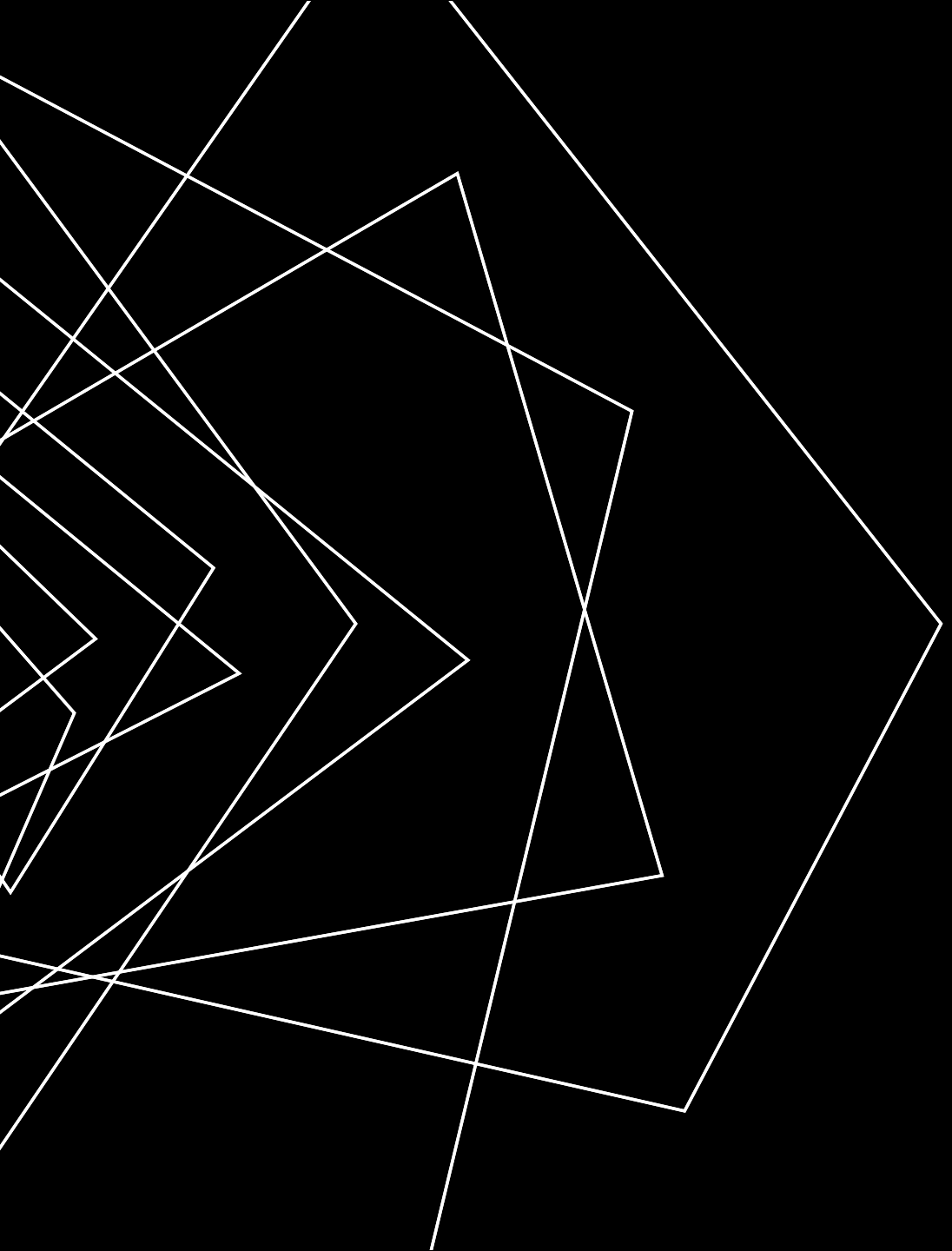
EARLY WARNING SYSTEMS FOR NATURAL DISASTERS

PROBLEM 2

- NATURAL DISASTERS POSE SIGNIFICANT THREATS WORLDWIDE, OFTEN RESULTING IN DEATHS AND EXTENSIVE PROPERTY DAMAGE.
- WHILE WE CANNOT PREVENT THEM, EARLY DETECTION AND WARNING CAN SIGNIFICANTLY MITIGATE THEIR IMPACT.
- **YOUR TASK IS TO DEVELOP AN EARLY WARNING SYSTEM WHICH CAN PREDICT, DETECT, AND COMMUNICATE THREATS MORE ACCURATELY AND EFFICIENTLY THAN CURRENT SYSTEMS.**

CONSIDER THE FOLLOWING ASPECTS

- **MULTI-HAZARD APPROACH** (EARTHQUAKES, TSUNAMIS, HURRICANES, FLOODS, WILDFIRES)
- INTEGRATION OF **DIVERSE DATA SOURCES** (SATELLITE IMAGERY, IOT SENSORS, SOCIAL MEDIA, HISTORICAL DATA)
- **REAL TIME DATA PROCESSING** AND **ANALYSIS**
- **REDUCED FALSE ALARMS** AND IMPROVED **ACCURACY**
- RAPID AND EFFECTIVE **COMMUNICATION** OF WARNINGS TO THE AUTHORITIES AND PUBLIC
- **RESILIENCE** OF THE SYSTEM ITSELF TO NATURAL DISASTERS
- YOU CAN MAKE USE OF **AI-DRIVEN APPROACHES**



BEST OF LUCK!

YOU CAN GET STARTED NOW

THE DATABASED TEAM