



INFERNO PREDICTOR

FIRE PREDICTION SYSTEM
FOR YOUR SAFETY

Project Advisor: Ahmed Banafa

Group Number: 12

Members:

Deep Patel

Jay Solanki

Nimay Patel

Soumya Trivedi

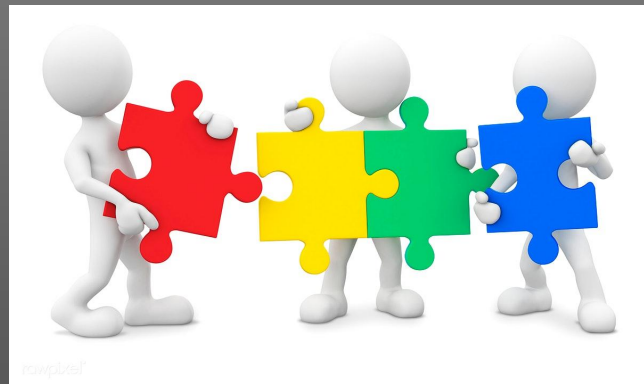


DESCRIPTION

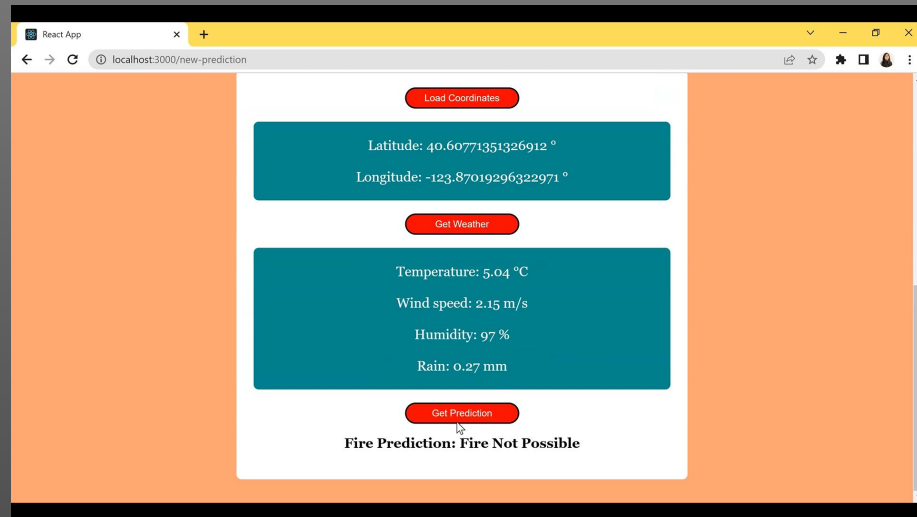
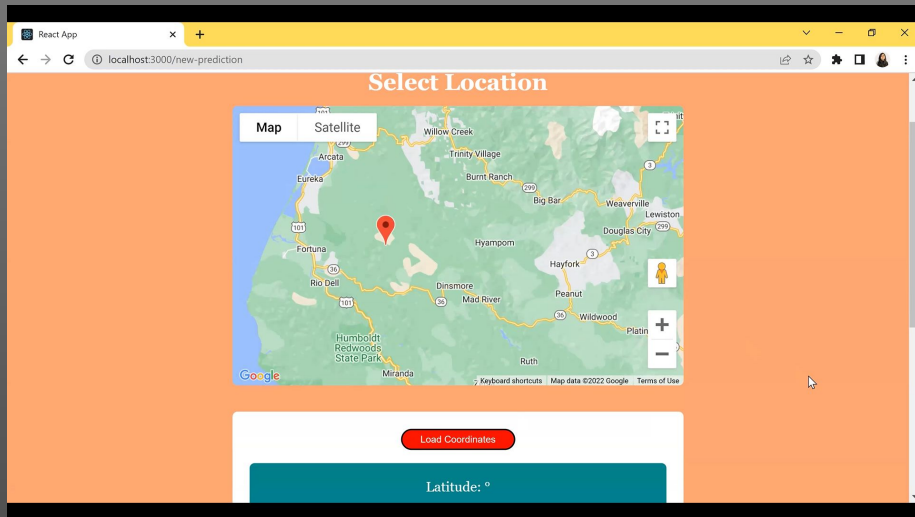
- Inferno Alert is a system which predicts wildfires beforehand
- Existing fire alert applications don't alert people until the fire is ablaze
- The project takes into consideration environmental factors such as wind, temperature and historical data into consideration.

TEAM MEMBERS ROLE

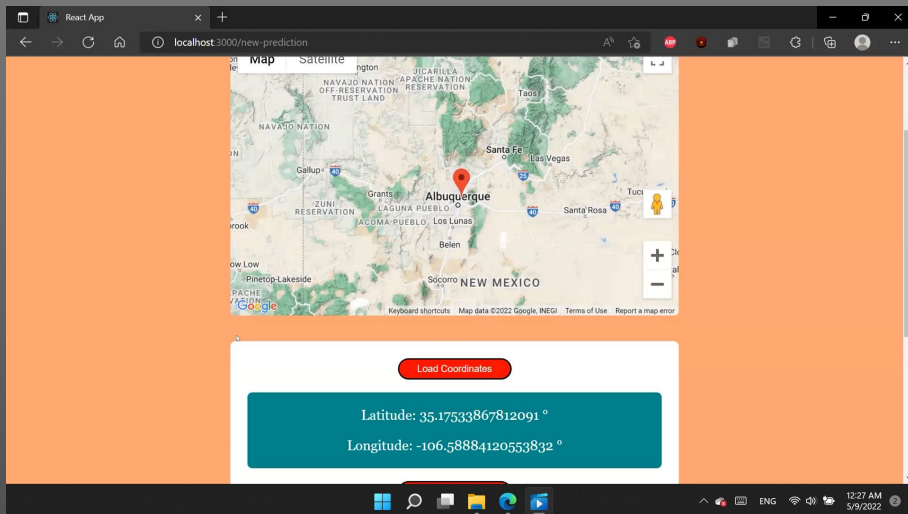
- Jay: User Interface Development
- Nimay: Dataset Management and Software Testing.
- Deep: Machine Learning Algorithm Development
- Soumya: API Development using Flask
- For individual responsibility management, we use a software called Jira.



System Demonstration Sample I:



System Demonstration Sample 2:



Conclusion:

- Our application lets all customers select any location and make a prediction on whether the risk of fire is there or not using the current weather conditions in the location.
- This web application does not store or sell any user device information for any 3rd party vendors and comes with cross browser compatibility.
- In a distant future, we believe that there is room for analyzing historic weather data and proactively creating wildfire prediction data clusters over a period of years and determine which locations are not suitable for human inhabitation.

THANK YOU!!!

