PROJECT DESIGN PHASE II

REQUIREMENT ANALYSIS USING CRITICAL THINKING

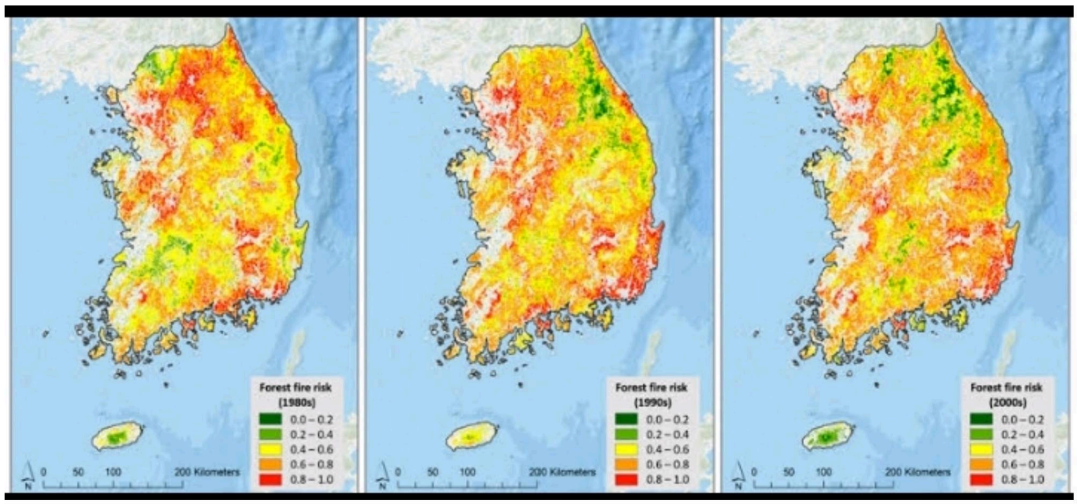
Team ID	PNT2022TMID41774
Project Name	Emerging Methods For Early Detection of Forest fires
Maximum Marks	4 Marks

Function of forest fire detection :

→ It can also gauge temperature, humidity, and air pressure to create a climate map of the forest.

→ map provides the means to assess the risk of fire.

→ It also serves to monitor the quality of the forest, prevent diseases and droughts, and optimize tree growth.



Operation Requirements

- ✔ Sensor performance is depending upon the implementation you got and how well your circuit is designed will primarly be dependent on network speed and server performance.

- ✔ However, the we are concerned about performance and real time data.

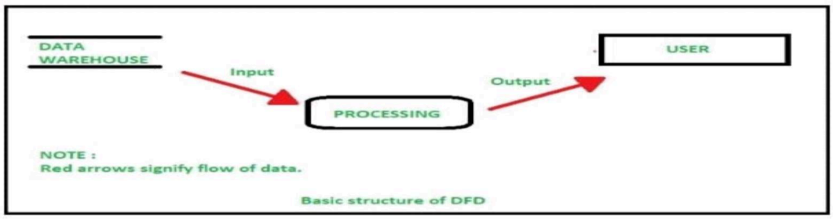
- Processing and generating and to manipulate the data on the cloud side .

- One more important factor is to notice that threshold value must set according to area.

Data Flow

- Data flow describe the information transferring between different parts of the systems.

- The arrow symbol is the symbol of data flow.



- A relatable name should be given to the flow to determine the information which is being moved.

- Data flow also represented material along with information which is being moved.