UNEARTHING THE ENVIRONMENT IMPACT OF HUMAN ACTIVITY:A GLOBAL CO2 EMISSION ANALYSIS

1. INTRODUCTION

1.1 OVERVIEW

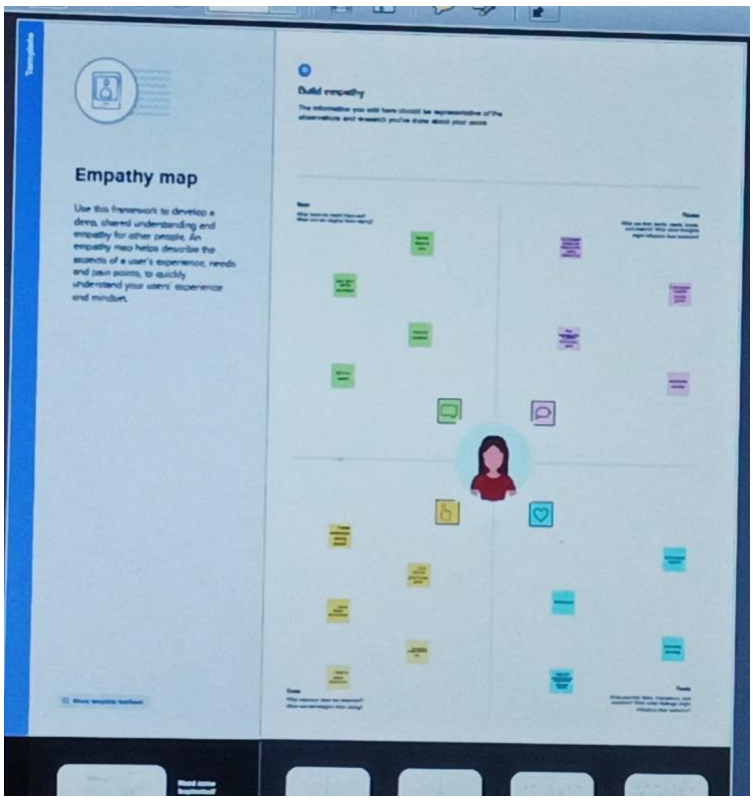
Our project is about the analysis of CO2 globally .To control the Co2 emission globally first we need to analyze that how much of CO2 is getting emitted by the countries per year. By analyzing ,we can control the emission .This project will definitely helps to control CO2 emission.

1.2 PURPOSE

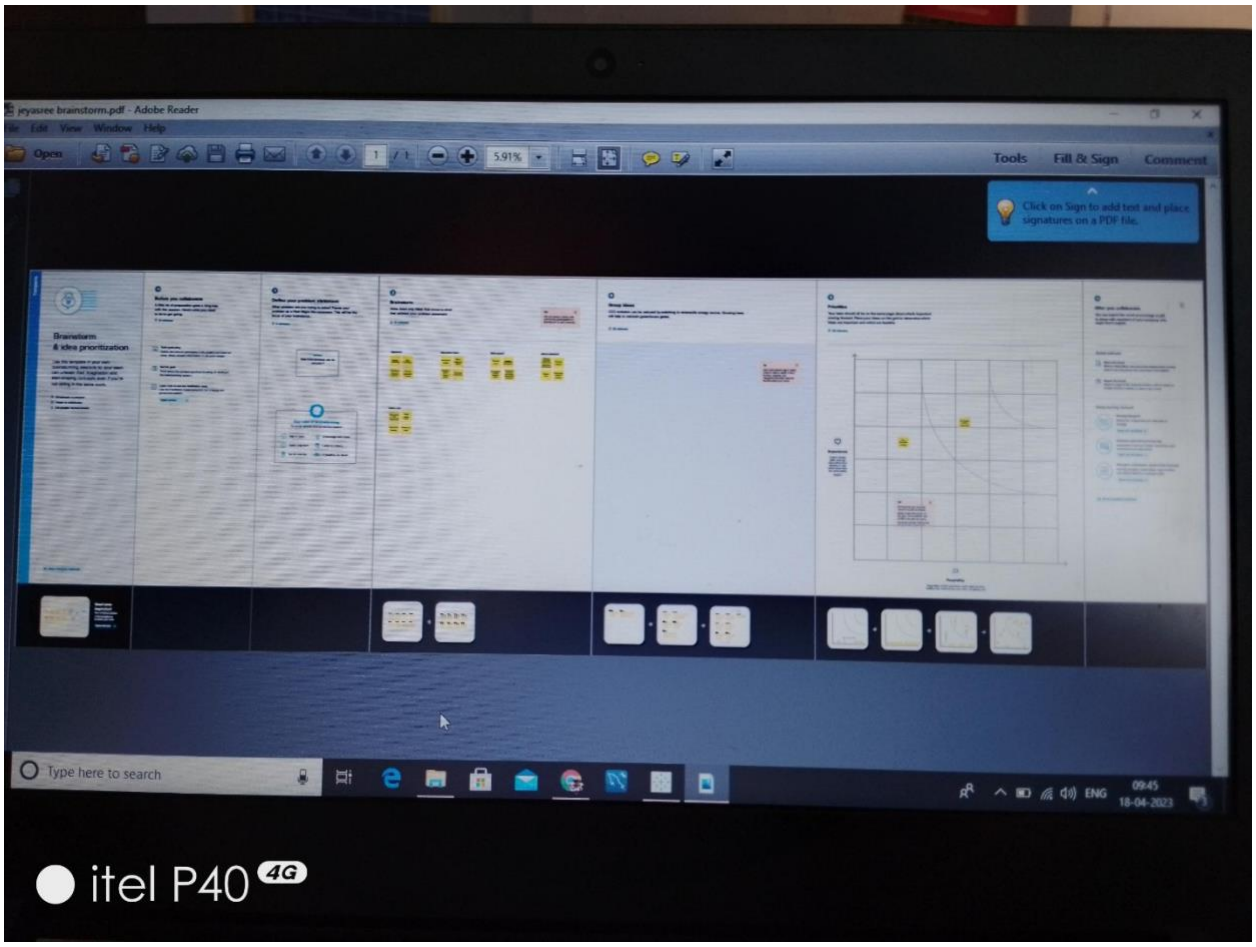
To analyze the CO2 emission globally and to control them by giving solution through this project.

2. PROBLEM DEFINITION AND DESIGN THINKING

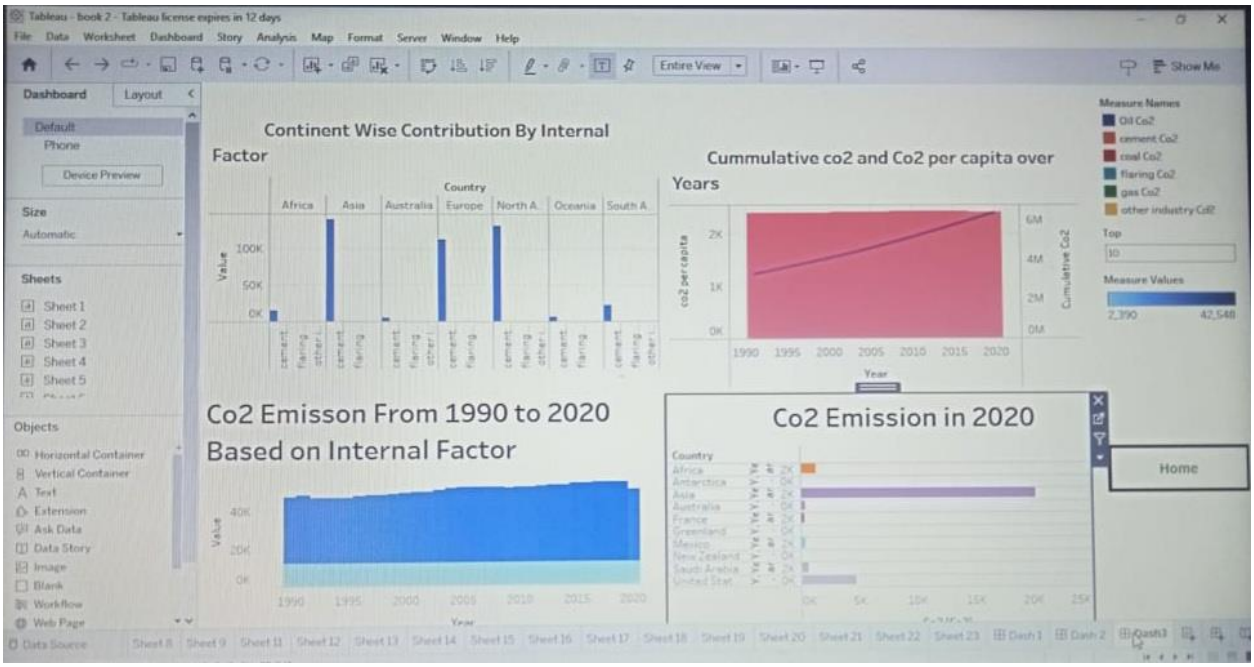
2.1 EMPATHY MAP



2.1 IDEATION AND BRAINSTORMING MAP



3.RESULT



4.ADVANTAGE

- Carbon capture method of extracting carbon emission from the environment.
- Carbon di oxide captured using carbon capture method we can also utilized in the manufacturing of polymer, polyurethanes.
- Carbon capture operation creates employment for skilled engineers and technicians.
- Stored CO2 might be utilized to retrieve geothermal heat.

DISADVANTAGE

- It is very costly.
- There are several concern with respect to the safety of the storage of CO2 in huge volume .
- The possibility of leakage could also be a result of natural disasters such as earthquakes.
- Carbon capture storage is not adequate to successfully deal with climate change.

5.APPLICATION

- By analyzing the Co2 emissions we can control the Co2 emissions into the atmosphere, which will help in maintaining climatic changes and temperature of the earth surface .
- Global warming can be controlled by analyzing the Co2 emissions .

- It will help us to less dependent on coal and fossil fuels and more dependent on renewable energy sources .
- We can capture the emitted Co2 and it can be applied in production of urea , and ammonia and beverage industries and fire extinguishers .
- We can use the captured Co2 for industrial purposes such as steel and cement production

6.CONCLUTION

The conclusion of this project is that Asia is the most Co2 emitting continent globally. Oil Co2 emission has the highest value among the cement , coal, gas , flaring Co2 emissions globally. In this project we have created lots of data visualization to give a easy analyzing of Co2 emissions. Co2 emission is gradually increasing particularly in 2020 it reached its highest value . We are in the situation where must to reduce Co2 emissions if not it will lead to dangerous problems .

7.FUTURE SCOPE

- Increase the renewable energy source.
- Improve air quality and benefits human health.
- The increase in annual temperature can be prevented.
- It will lead to economic growth
- Pollution free globe.