THE TRAGEDY OF FLIGHT: A COMPREHENSIVE CRASH ANALYSIS

1. INTRODUCTION

OVERVIEW:

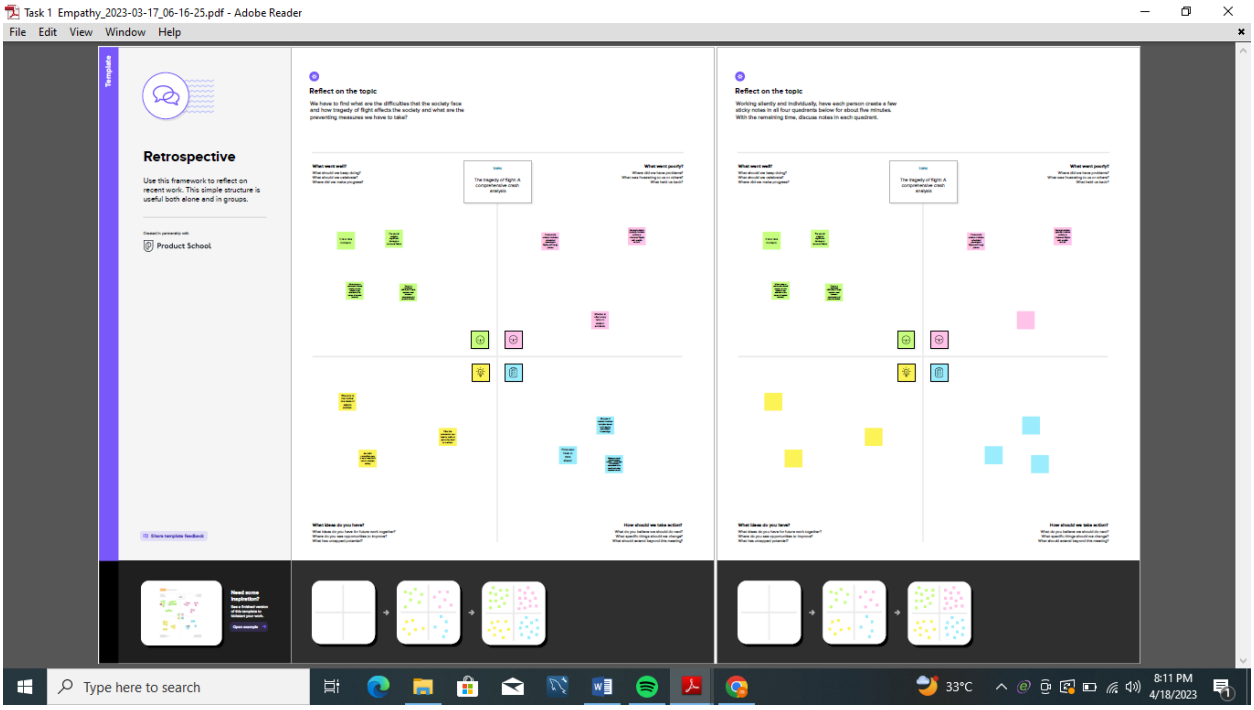
An airplane crash analysis is a detailed investigation into the causes of an aviation accident. The goalof an airplane crash analysis is to identify any factors that contributed to the accident, with the ultimate goal of improving safety and preventing future accidents. The process of conducting an airplane crash analysis typically involves the collection and analysis of a wide range of data, including information about the aircraft and its systems, the operators, and any other relevant factors. This data is typically collected from Kaggle. Once the data has been collected, it is analysed through tableau, to identify any potential causes of the accident. The results of an airplane crash analysis are typically published. In a report, which may include recommendations for improving safety and preventing similar accidents in the future. These recommendations may be implemented by the relevant authorities or industry organizations.

PURPOSE:

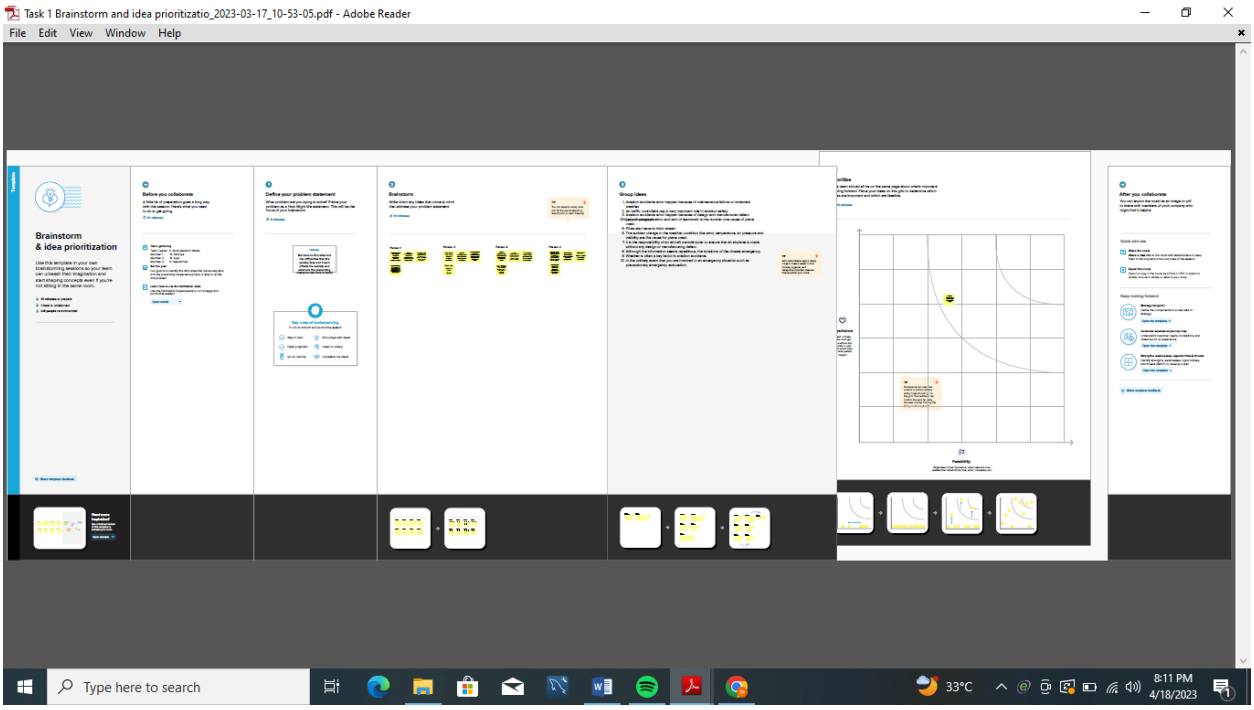
The Project is used to identify the factors that are responsible for the air plane Crash and to rectify the problem in future.

1. PROBLEM DEFINITION & DESIGN THINKING

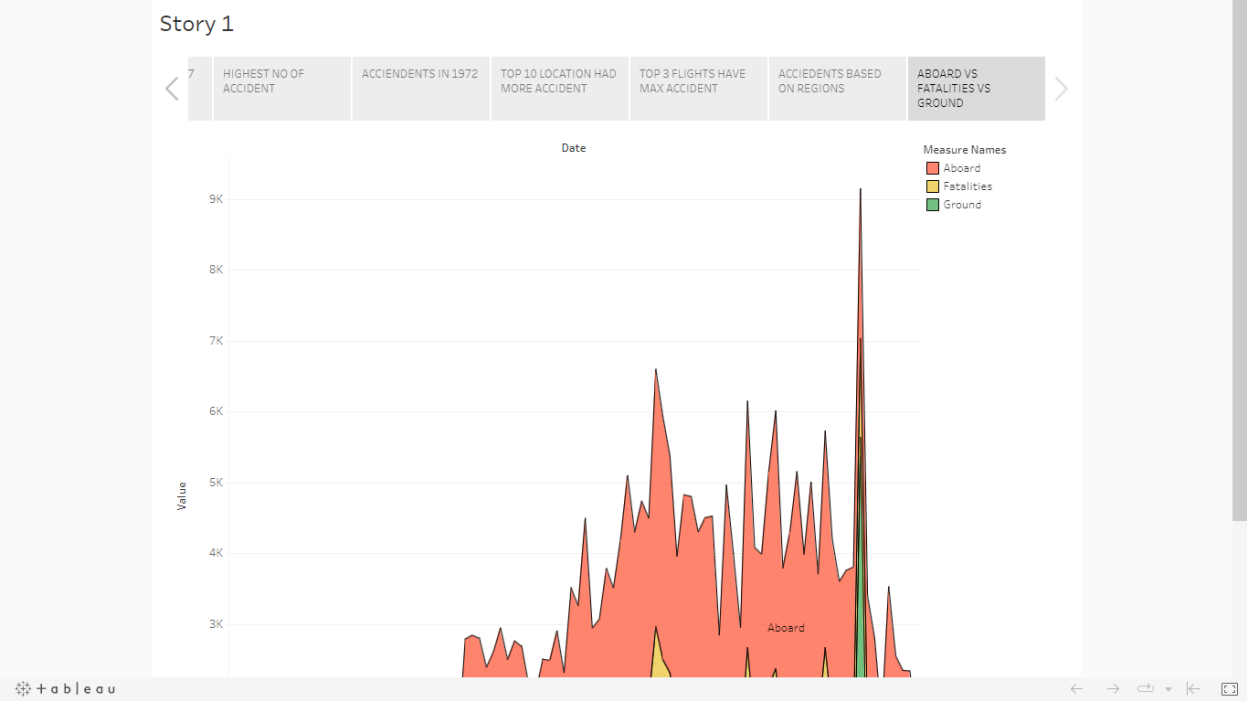
EMPATHY MAP:



IDEATION & BRAINSTORMING MAP:



2. RESULT:



3. ADVANTAGES & DISADVANTAGES:

ADVANTAGES:

An aircraft can fly to any location without seeing any natural obstacles or barriers. Since customs formalities are easily compiled. It eliminates the need for more time to seek clearance. Air travel is used for relief operations during earthquakes, floods, accidents, and famines.

DISADVANTAGES:

Flying is indeed bad for the planet because it contributes to global warming, pollution, and leaves a huge carbon footprint. Airplanes run on kerosene fuel, which when combusted, releases a large amount of carbon dioxide and other gases into the atmosphere.

Even though aviation is not a large industry, it has a large impact on the climate system.

4. APPLICATION:

This solution can be applied to reduce the flight accidents in future. The plane crashes that took place in different regions across the world have resulted in huge destruction causing extreme loss of life and property. To identify the deadlist plane crashes.

6.CONCLUSION:

To analysis this solution is to reduce the future air plane crash. Improve Training for Pilots and Ground Workers. The training of pilots and ground workers is very important. It is important to have proper maintenance. Improve The Air Traffic Control System.

7.FUTURE SCOPE:

The future of long-haul aircraft will certainly lie with narrowbody planes which are certain to take over routes by the second half of the decade. According to the most current projections over the next 10 years, demand will rise and avarage of 4.3% every year. According to the aforementioned projection and the latest news, the

aviation industry will have a promising future and will increase over the following years.