The Tragedy of Flight: A Comprehensive Crash Analysis

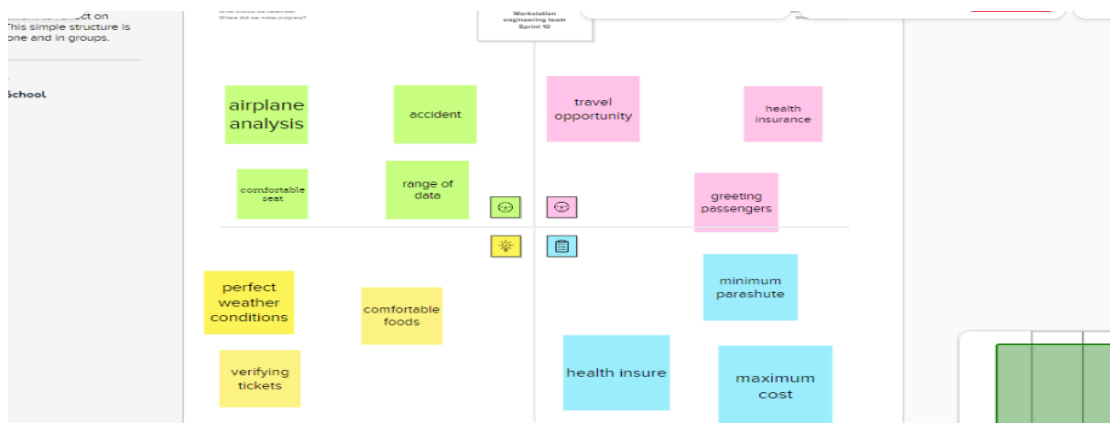# Project Report

1. Introduction
    1.1   Overview
    The goal of 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.
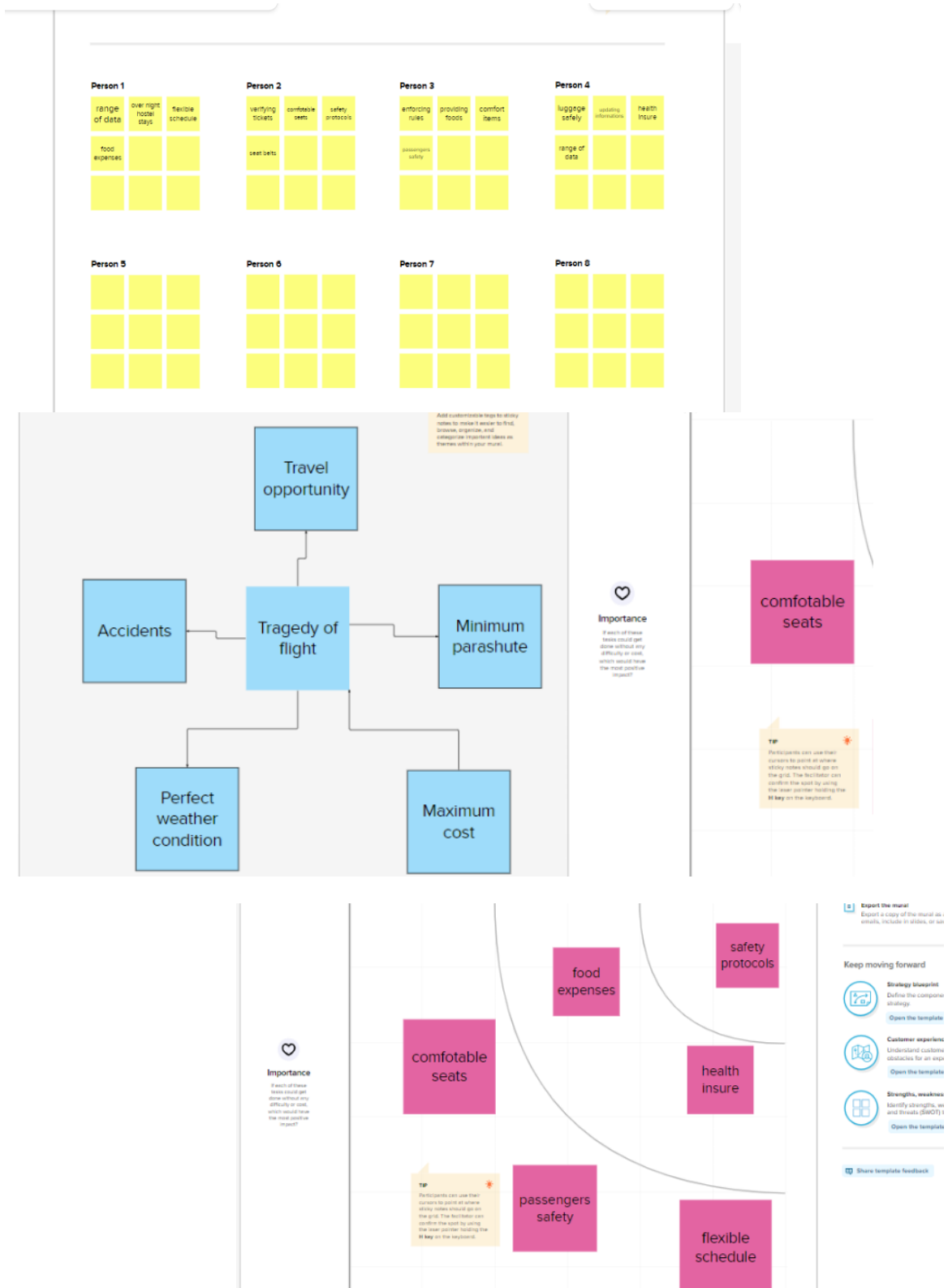   1.2   Purpose
    The objective of accident analysis is to prevent accidents in the future. This statement is not as trivial as it looks: to many the objective is to identify those who were responsible, or simply to fulfil a legal or organisational requirement.
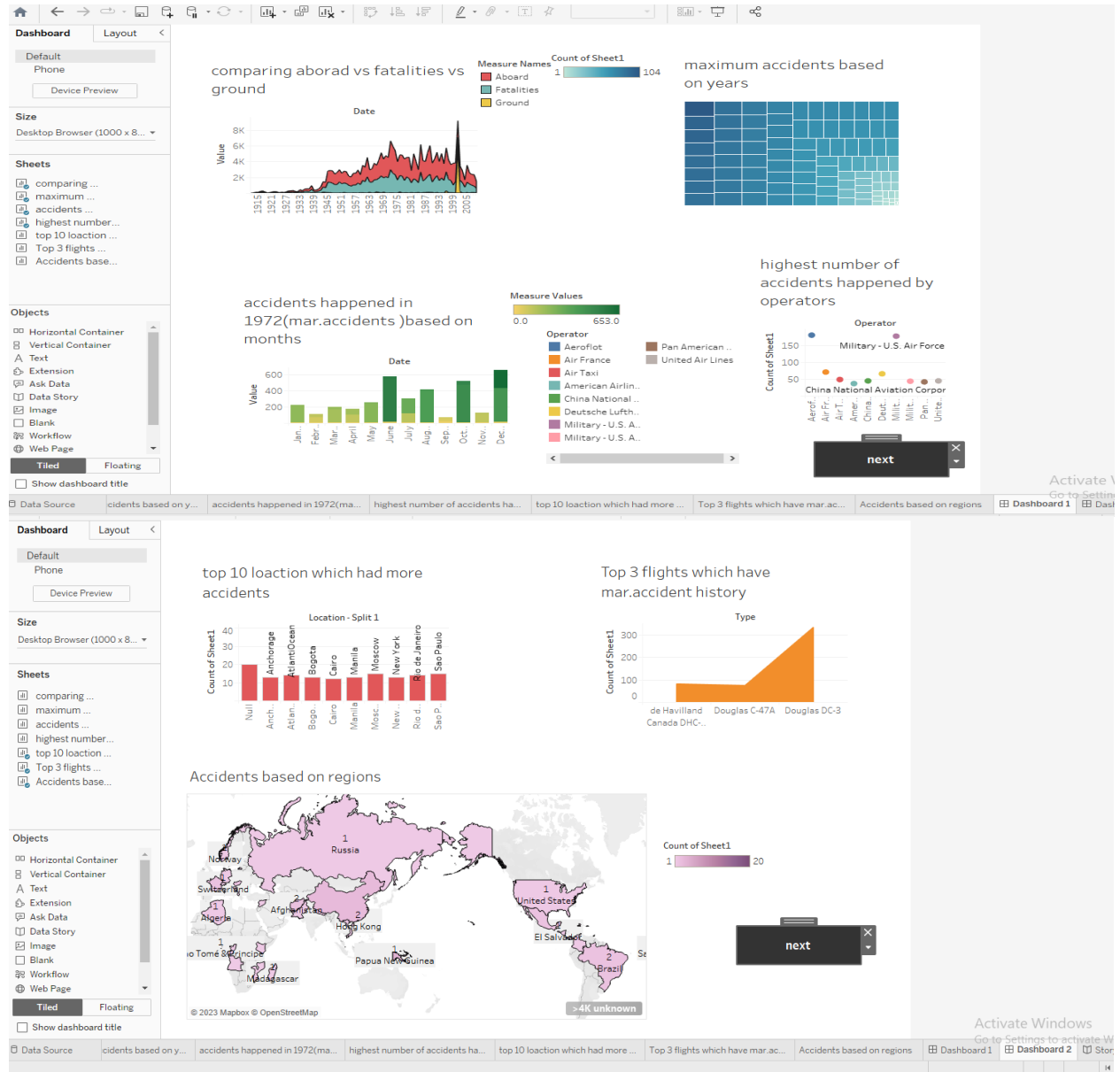
2. Problem definition & Design thinking
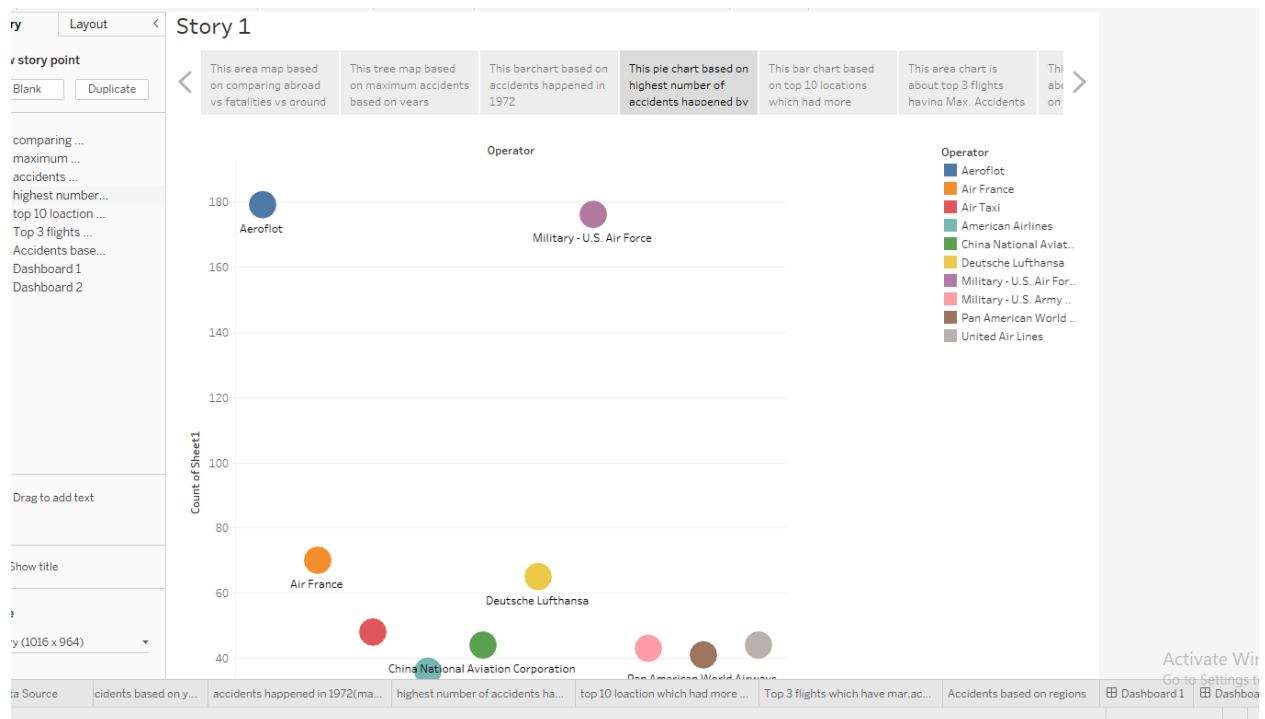   2.1 Empathy Map

2.2 Ideation & Brainstorming Map

Person 1

range of data	over night hostel stays	flexible schedule
food expenses		

Person 2

verifying tickets	comfotable seats	safety protocols
seat belts		

Person 3

enforcing rules	providing foods	comfort items
passengers safety		

Person 4

luggage safely	updating informations	health insure
range of data		

Person 5

Person 6

Person 7

Person 8

Add customizable tags to sticky notes to make it easier to find, browse, organize, and categorize important ideas as themes within your mural.

Travel opportunity

Accidents — **Tragedy of flight** — **Minimum parashute**

Perfect weather condition   **Maximum cost**

♡ **Importance**
If each of these tasks could get done without any difficulty or cost, which would have the most positive impact?

comfotable seats

TIP
Participants can use their cursors to point at where sticky notes should go on the grid. The facilitator can confirm the spot by using the laser pointer holding the H key on the keyboard.

safety protocols

food expenses

♡ **Importance**
If each of these tasks could get done without any difficulty or cost, which would have the most positive impact?

comfotable seats

health insure

TIP
Participants can use their cursors to point at where sticky notes should go on the grid. The facilitator can confirm the spot by using the laser pointer holding the H key on the keyboard.

passengers safety

flexible schedule

Export the mural
Export a copy of the mural as a emails, include in slides, or sa

Keep moving forward

Strategy blueprint
Define the compone strategy
Open the template

Customer experience
Understand custome obstacles for an expe
Open the template

Strengths, weaknes
Identify strengths, w and threats (SWOT) t
Open the template

🗨 Share template feedback

3 Result

4. Advantages & Disadvantages

Advantages

- ❖ Fastest mode of transport.
- ❖ Cheaper infrastructure.
- ❖ Air travel is strategically significant.
- ❖ Free from geographic barriers like hills and lakes.
- ❖ Useful during natural disasters.

Disadvantages

- ❖ High operational costs.
- ❖ Air transport accidents are usually fatal.
- ❖ Huge initial investments.
- ❖ Difficult to carry very large cargo.
- ❖ Affected by bad weather.

5. Applications

To effectively discover the hazards that led to the accident and to prevent their recurrence in a future accident or incident.

6. Conclusion

Our explanation has by its very nature been objective and procedural in tone. We have not spoken about the consequences for the next of kin. At the same time we are aware that what we have discussed here will not have left the next of kin unaffected.

7. Future Scope

The most recent estimates suggest that demand for air transport will increase by an average of 4.3% per annum over the next 20 years. If this growth path is achieved by 2036 the air transport industry will then contribute 15.5 million in direct jobs and $ 1.5 trillion of GDP to the world economy.

8. Appendix

A. Source code: R.Gayathri team final project.html