

Project Report

1.INTRODUCTION:

1.1 Overview

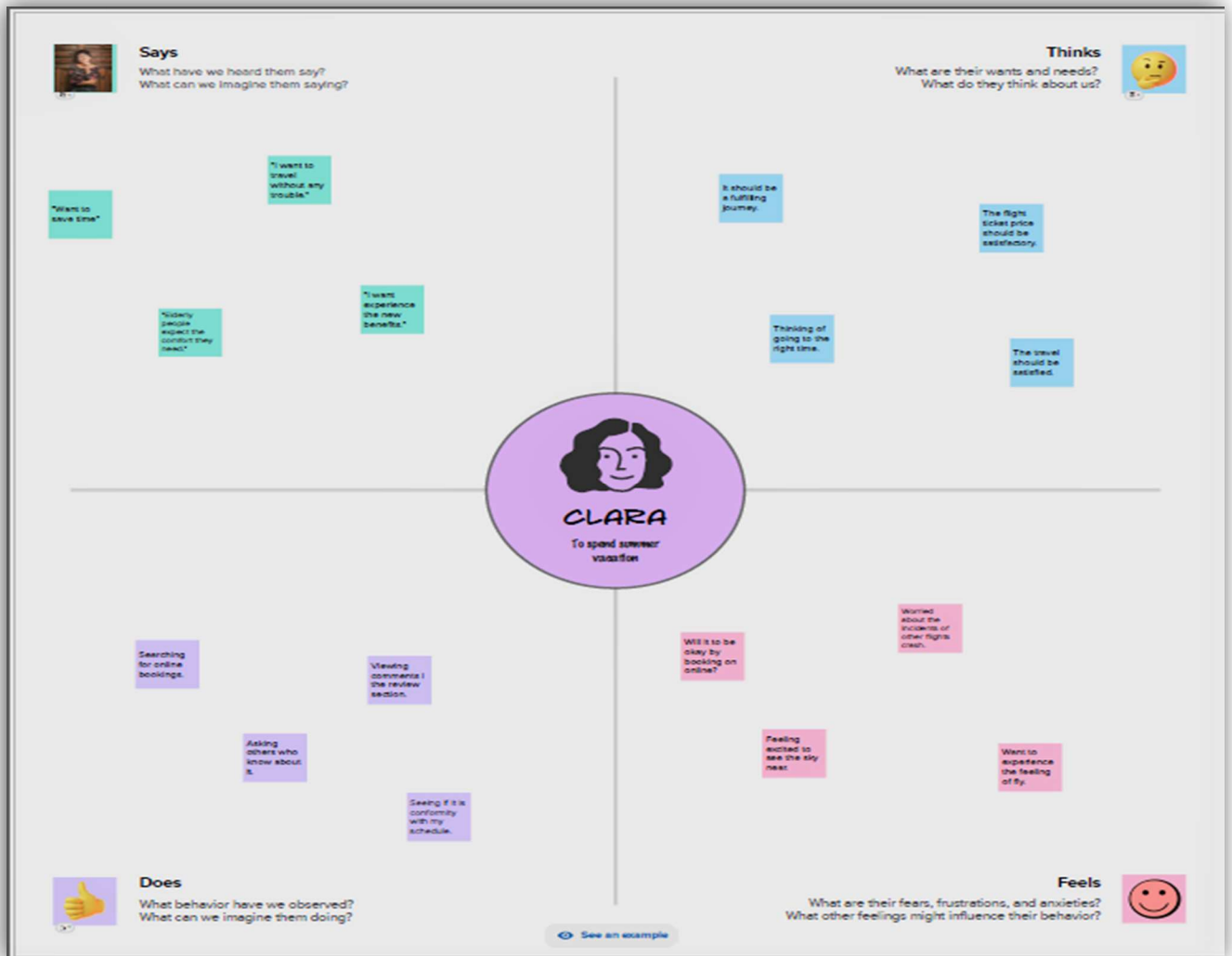
We are going to describe the insights of Global Air Transportation Network with Tableau by the database which are given to us.

1.2 Purpose

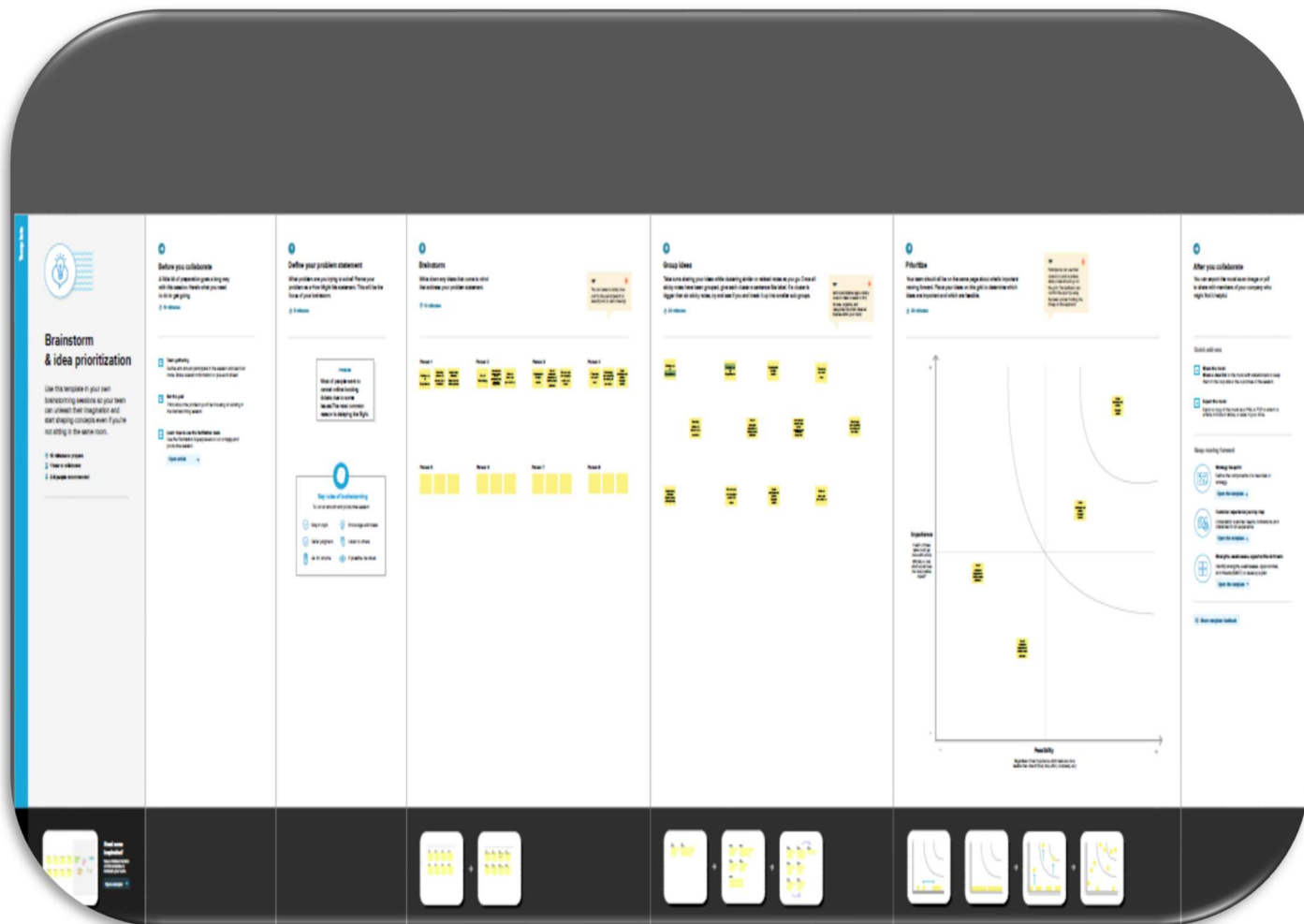
Through this project we can know in detail what is happening in Global Air Transportation.

2.PROBLEM DEFINITION & DESING THINKING:

2.1Empathy Map



2.2Identiaon & Brainstorming Map



3.RESULT:

Dashboards and story's of our project

Story 1

World map showing countries with details of Airports.

Here showing number of Airports

Table showing Airports which are at Highest Altitude in the world

Top 10 Airports with their city with airports ICAO.

Table showing list of all Airlines within the country.

Bar Graphs showing countries with max number of airports and

Airline ID	Name	Icao	Callsign	
96	Aegean Airlines	AEE	AEGEAN	
154	Air Intersalonika	NSK	INTERSALONIKA	
536	Aviator Airways	AVW	AVIATOR	
577	Alexandair	AXN	ALEXANDROS	
918	Air Scotland	GRE	GREECE AIRWAYS	
952	Air Lift	IFI	HELLAS LIFT	
1107	Aeroland Airways	Null	Null	
2232	Euroair	EUP	EUROSTAR	
2505	Gain Jet Aviation	GNJ	HERCULES JET	
2612	Hellenic Air Force	HAF	HELLENIC AIR FORCE	
2613	Greek Navy	HNA	HELLENIC NAVY	
2747	Hellas Jet	HEJ	HELLAS JET	
2895	Interjet Helicopters	IHE	INTERCOPTER	
3364	Macedonian Airlines	MCS	MACAIR	
3448	Mediterranean Air Freight	MDF	MED-FREIGHT	
3776	Olympic Airlines	OAL	OLYMPIC	
3777	Olympic Aviation	OLY	OLAVIA	
3927	Pegasus Aviation	PEV	PEGAVIATION	
4374	Sky Express	SEH	AIR CRETE	
4632	Sky Wings Airlines	GSW	Null	
5308	Vermicos Aviation	GRV	NIGHT RIDER	

Active

- ☒ (All)
- ☒ N
- ☒ Y

Country

Greece ▼

Active

-  N
-  Y

Sheet 1 Sheet 2 Sheet 3 Sheet 4 Sheet 5 Sheet 6 Dashboard 1 Dashboard 2 Dashboard 3 Story 1 Sheet 7

4.ADVANTAGES:

- ✚ We can know where an airport is located in a country.
- ✚ By using this, people can choose the easiest ways to carry out their journey.
- ✚ We can see the number of flights from the Airports.

DISADVANTAGES:

- ✚ We can't see the cost for the traveling.
- ✚ Further transportation may be needed from the destination airport to the final destination.

5.APPLICATIONS:

Using data analytics and visualization tools like Tableau, the dataset can be analysed to identify trends and patterns in the air transportation network, providing valuable insights into the state of the industry. This information can be used to optimize routes, improve operational efficiency, and enhance customer experience.

6.CONCLUSION:

Here we have used the data's like airports, airlines and their routes to create a visualization, dashboards and story to know more about the project we have created. Using this we gain a lot of knowledge about Global Air Transportation network.

7.FUTURE SCOPE:

In the future, we also discuss various factors that affect the flight delay, flight route in detail etc.,