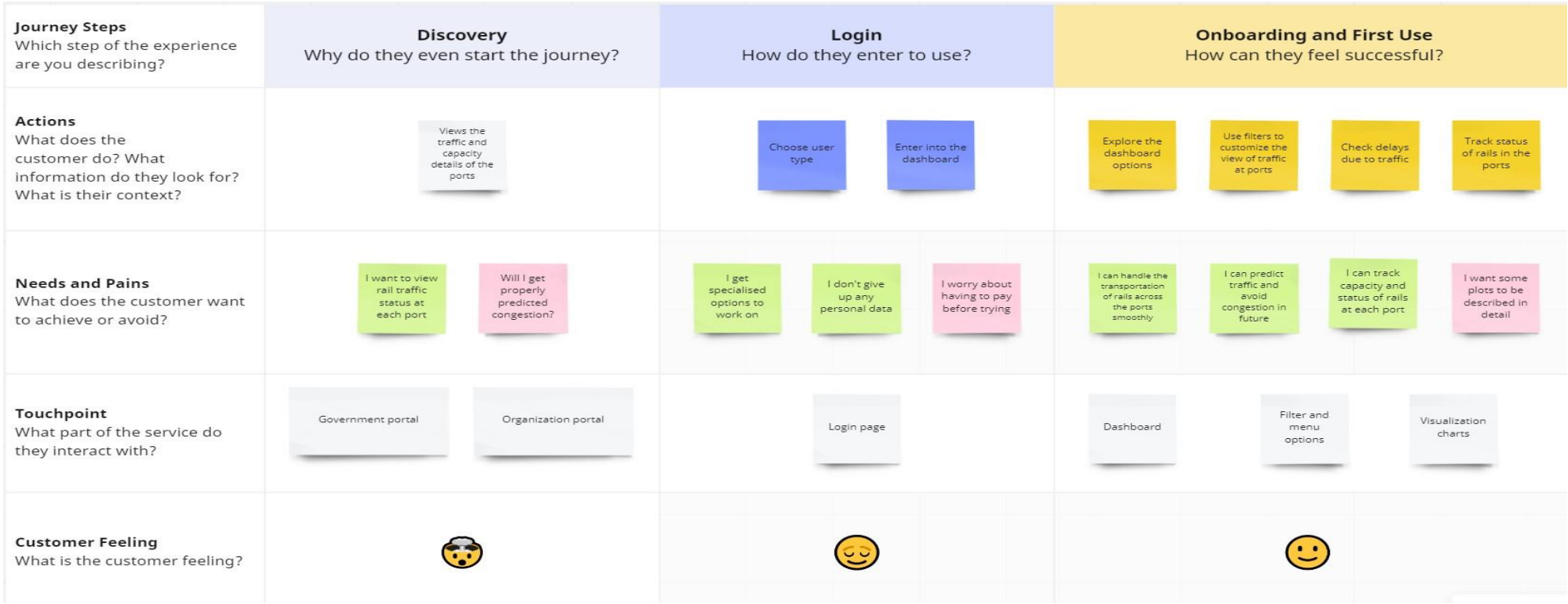
Project Design Phase-II
Customer Journey Map

Team ID	PNT2022TMID44353
Project Name	Project – Traffic and Capacity Analytics for Major Ports.

Customer Journey Map:



Project Design Phase-II

Functional and Non Functional Requirements

Date	03 October 2022
Team ID	PNT2022TMID44353
Project Name	Project – Traffic and Capacity Analytics in Major Ports
Maximum Marks	4 Marks

Functional Requirements:

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Registration	Registration through Form Registration through Gmail
FR-2	User Confirmation	Confirmation via Email
FR-3	User Input Acceptance	The dashboard accepts user input by means of selecting the location of the ports.
FR-4	Options for User to filter location of ports	The user can use filter options to view ports by countries.
FR-5	Visualization of ports.	The dashboard provides various visualization techniques to understand the flow.
FR-6	Providing Delay Information of trains.	The dashboard is able to provide the user the information like delay of a particular train to the ports.

Non-functional Requirements:

Following are the non-functional requirements of the proposed solution.

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	The dashboard is able to provide the users the consistency and the aesthetic they expect. The user can constantly use the dashboard without any flaw in the visual quality.
NFR-2	**Security**	The dashboard is much secured that the data of the users are kept confidential and also it is not prone to any kind of attacks.

NFR-3	**Reliability**	The failure rate is minimal and the failure can easily be rectified using the measures. Thus this makes the dashboard much reliable.
NFR-4	**Performance**	The dashboard gives better performance. It provides the user a convenient and flexible User Interface.
NFR-5	**Availability**	The dashboard is always available to serve the users. The availability is ensured in such a way that the user can access the dashboard any time anywhere.
NFR-6	**Scalability**	The dashboard is highly scalable. It can withstand any increase or decrease of loads.