Project Design Phase-I

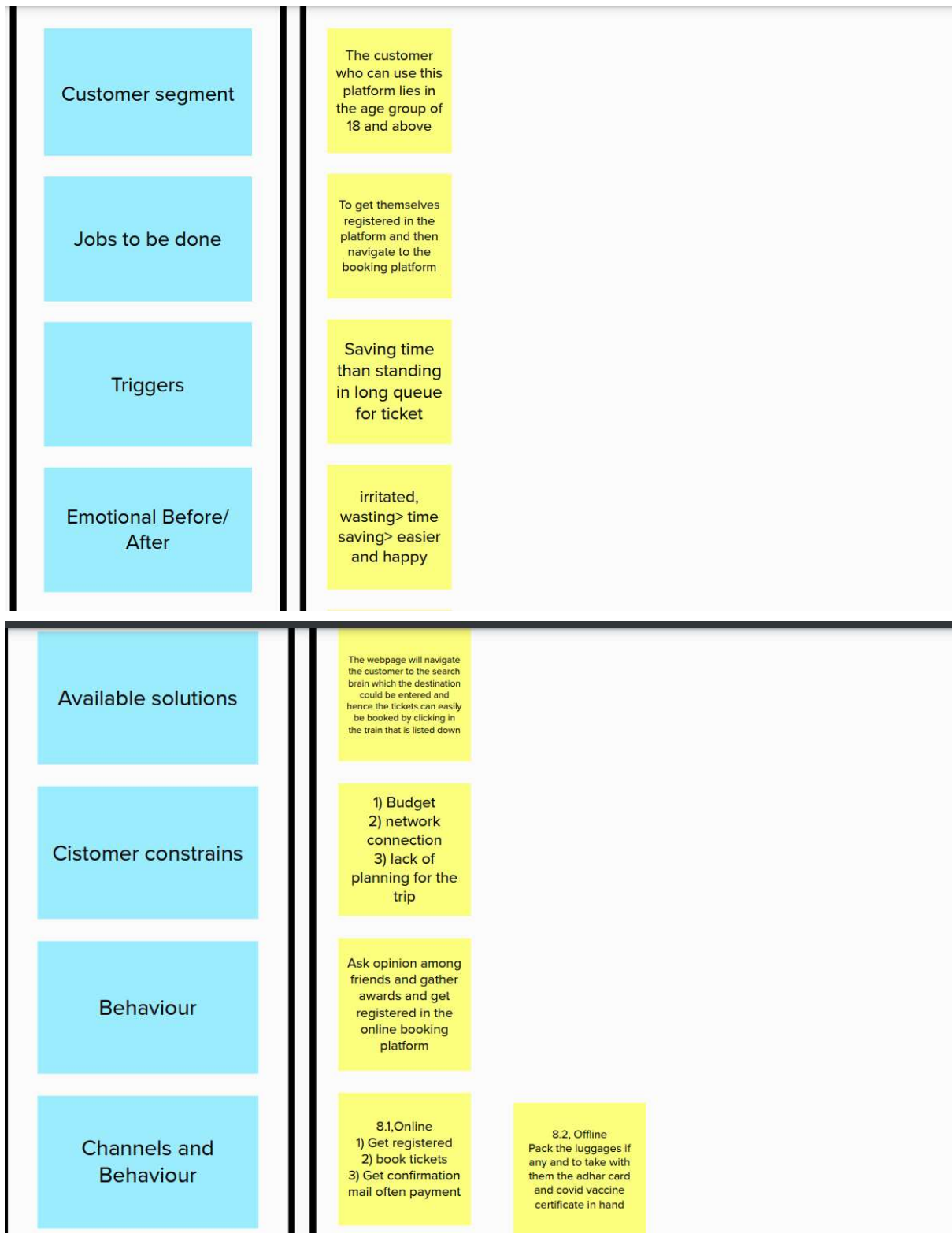**Problem – Solution Fit**

Date	1th October
Project Name	Smart System for Railways

Proposed Solution:

1) A Web page is designed for the public where they can book tickets by seeing the available seats.

2) Afetr booking the train, the person will get a QR code which has to be shown to the ticket collector while boarding the train.

3) The tickets collectors can scan the QR code to identify the personal details.

4) A GPS module is present in the train to track it. The live status of the journey is updated in the Web app continuously.

5) All the booking details of the customers will be stored in the database with a unique ID and they can be retrieved back when the Ticket Collector scans the QR code.

Solution fit:

Customer segment	The customer who can use this platform lies in the age group of 18 and above
Jobs to be done	To get themselves registered in the platform and then navigate to the booking platform
Triggers	Saving time than standing in long queue for ticket
Emotional Before/ After	irritated, wasting> time saving> easier and happy

Available solutions	The webpage will navigate the customer to the search brain which the destination could be entered and hence the tickets can easily be booked by clicking in the train that is listed down
Cistomer constrains	1) Budget 2) network connection 3) lack of planning for the trip
Behaviour	Ask opinion among friends and gather awards and get registered in the online booking platform
Channels and Behaviour	8.1,Online 1) Get registered 2) book tickets 3) Get confirmation mail often payment 8.2, Offline Pack the luggages if any and to take with them the adhar card and covid vaccine certificate in hand

Problem root cause

Customer had to stand in a long queue due to lack of technological enhancement in this zome

Your solution

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