

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202211060071 A

(19) INDIA

(22) Date of filing of Application :20/10/2022

(43) Publication Date : 06/01/2023

(54) Title of the invention : SYSTEM TO TRACK LOCATION OF PUBLIC TRANSPORT AND SEAT AVAILABILITY

(51) International classification :G06Q0010020000, G06Q0020320000, G06Q0050300000, G07B0015020000, G08G0001123000

(86) International Application No :NA
Filing Date :NA

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA
Filing Date :NA

(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)Chitkara University

Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----

2)Chitkara Innovation Incubator Foundation

Name of Applicant : NA

Address of Applicant : NA

(72)Name of Inventor :

1)LUCKSHAY

Address of Applicant :CSE, CUIET, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----

2)SINGH, Meghna

Address of Applicant :CSE, CUIET, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----

3)CHAWLA, Niket

Address of Applicant :CSE, CUIET, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----

4)PRATIBHA

Address of Applicant :CSE, CUIET, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----

5)PUROHIT, Tushar

Address of Applicant :CSE, CUIET, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----

6)KAUR, Amandeep

Address of Applicant :CSE, CUIET, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----

(57) Abstract :

The present disclosure relates to a system (100) and a method (300) to track location of public transport and seat availability. The system includes a location identifier attached to each of the public transport of a pre-defined area and configured to detect location information of the associated public transport. Additionally, the processor may be configured to receive the location information of each public transport, receive total number of seats in each public transport, and enables subjects to check the location information of each public transport, and time to reach to a terminal. Moreover, the processor may be configured to receive a booking request from multiple subjects, identify, number of seats available in the associated public transport, detect number of seats to be vacant after one or more terminals, and correspondingly notify the subject.

No. of Pages : 26 No. of Claims : 10