

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202311043752 A

(19) INDIA

(22) Date of filing of Application :29/06/2023

(43) Publication Date : 21/07/2023

(54) Title of the invention : SMART CART MANAGEMENT SYSTEM AND METHOD FOR ENHANCED SHOPPING EXPERIENCE IN RETAIL STORES

<p>(51) International classification :B62B 050000, G06Q 203800, G06Q 300200, G06Q 300600, H04B 050000</p> <p>(86) International Application No Filing Date :NA :NA</p> <p>(87) International Publication No : NA</p> <p>(61) Patent of Addition to Application Number Filing Date :NA :NA</p> <p>(62) Divisional to Application Number Filing Date :NA :NA</p>	<p>(71)Name of Applicant :</p> <p>1)Chitkara University Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India Rajpura -----</p> <p>2)Chitkara Innovation Incubator Foundation Name of Applicant : NA Address of Applicant : NA</p> <p>(72)Name of Inventor :</p> <p>1)Dr. Neha Sharma Address of Applicant :Chitkara University Institute of Engineering and Technology, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India Rajpura -----</p> <p>2)Dr. Chander Prabha Address of Applicant :Chitkara University Institute of Engineering and Technology, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India Rajpura -----</p> <p>3)Dr . Teena Narang Address of Applicant :Chitkara University Institute of Engineering and Technology, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India Rajpura -----</p> <p>4)Dr. N Bharathiraja Address of Applicant :Chitkara University Institute of Engineering and Technology, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India Rajpura -----</p> <p>5)Dr. Gaganpreet Kaur Address of Applicant :Chitkara University Institute of Engineering and Technology, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India Rajpura -----</p>
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(57) Abstract :
ABSTRACT SMART CART MANAGEMENT SYSTEM AND METHOD FOR ENHANCED SHOPPING EXPERIENCE IN RETAIL STORES The present disclosure discloses a smart cart management system (100) for enhanced shopping experience in retail stores, comprising a cart (102), a checkout module (104) that dynamically senses items in the cart and generates a real-time bill and item list, a line follower robot (106) configured to transport the cart to a designated location within a retail store and a plurality of mobile device (108) associated with a plurality of users (110) for creating shopping lists, locating products, and automatically providing personalized recommendations and updates. FIG. 1

No. of Pages : 18 No. of Claims : 10