

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202411032477 A

(19) INDIA

(22) Date of filing of Application :24/04/2024

(43) Publication Date : 17/05/2024

(54) Title of the invention : RESTAURANT BOOKING SYSTEM AND METHOD THEREOF

(51) International classification :G06Q0050120000, G06Q0010020000, G06Q0030020000, G06Q0010060000, G06F0009500000

(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)RANI, Shalli

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

2)KAMINI

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

(57) Abstract :

The proposed restaurant booking system (100) discloses a solution for efficient table reservation and seamless communication between customers and restaurant attendants. This includes an input unit (102) at the restaurant entrance for booking requests, a controller (202) communicatively coupled to a server (116) to verify table availability and manage reservations, and display units attached to each table for easy identification. Upon booking confirmation, a unique ID is generated and displayed, streamlining the seating process. The system (100) further enhances communication by allocating restaurant attendant with handheld display units, enabling prompt service and task prioritization. Real-time updates on table availability ensure accurate information for both customers and staff, improving operational efficiency. Additionally, the system optimizes workload distribution among restaurant attendant, ensuring equitable service quality. By combining innovative technology with traditional hospitality, this system aims to revolutionize the dining experience, reducing wait times, minimizing errors, and enhancing customer satisfaction.

No. of Pages : 30 No. of Claims : 10