

Online Reservation System Using QR Code based Android Application System

Mrs. Omprakash Yadav^{*}, Ryan Fernandes^{**}, Rohit Tiwari^{***}, Sheenam Kaul^{****}

Department of Computer Engineering, Xavier Institute of Engineering, Malina, Mumbai, India.

Abstract- Indian Railway is world's largest human transport system, is currently dealing with a lot of problems, such as availability of confirming seat if available during immediate cancellation / getting down at destination where other waiting list passenger from that destination can board a train and reach the destination to avoid not allowing the other people who enter the train without buying tickets and then buy tickets from it, reduce the burden of passenger to carry ticket. However there is no such system that presently in Indian railway gives accommodation to waiting list passengers during their journey and reducing the burden of carrying tickets. This paper proposes the new Seat Allocation system considering the advantage of QR code image that contains information about ticket and passenger info in form of 2d . Moreover, authentication seat allocation-checking by it is done using an another android app for it which verifies qr code information with the database and reduces the burden of it. Through this research paper our approach is to make journey of waiting list passengers more convenient in Indian Railway.

Index Terms- Indian Railway, QRCodeImage2d, Reservation System,waiting list Seat Allocation.

I. INTRODUCTION

I A.Indian Railway

Indian Railway is India's third largest human transport system over which 2 crore [1] passengers travel daily all over India. Even if there are seat available random people who don't buy tickets enter the compartment and buy tickets from the it. Due to this, peak seasons take place and more than half of the passengers having tickets of waiting suffer. These waiting list passengers accomplish their journey from their source station to destination in standing mode. The number of passengers in Indian Railway has been increasing drastically in every year, in a rate of 25 to 50 percent from its previous year [1]. Such increase also increases the number of waiting list passengers in every train. Increasing number of waiting list passengers, increase riders in train which results "happy journey" slogan of Indian Railway in to "unhappy journey".

II. QR code 2d Image

There are forms of qr code is 2d,3d,4d etc as the dimension increases process time and scanning time increases to avoid this we make use of qr code 2d image which reduces the time of scanning and makes the work of it much faster.

II. PROBLEMS IN CURRENT SYSTEM

There is more space for users to book tickets illegally and sell them at exaggerated price, [4].

Less exposure of technology, for example Travelling Ticket Examiner (TTEs) still use pen and reservation charts to verify the passengers.

A passenger cannot get the reservation after chart is prepared, i.e. chart is prepared four hours earlier of train departure, however train may remain vacant.

Lack of optimization in seat allocation, for example whether passenger has boarded or not his seat remains reserved till his destination.

A seat can remain vacant if passenger has not arrived and if after departure of train he cancels the ticket then loss of revenue to the Railway.

There is no dynamic seat allocation for waitlisted passenger in place of vacant seats, if passengers with reserved ticket have not arrived.

Our proposed DSA model is an attempt to solve the above problem with the help of QR code. QR code is used to embed the URL in the ticket. It facilitates faster ticket checking process. One of the wireless standards is used for connectivity between HHT and DSA server by which authentication is provided to every ticket.

Very often, every journey starts with the purchase of the tickets at a ticket counter or from the machine such as personal computer. It would be convenient to have electronic systems which make the task of passenger easy and convenient. The expanded use of mobile phones, their computational capabilities and their ability to connect to the internet make them suitable. Several new technologies have been used for this purpose. A very interesting system is touch and travel which is operational in German Railway.

Many problems in Indian Railway will exist after the adoption of latest technologies in electrical, mechanical and commercial department. One of the problems is, with the waiting list passengers, because they are not able to get their confirm seat up to their destination due to rush. The Indian Railway has decided to solve this problem by increasing the number of coaches for waiting list passengers by making their tickets confirm. But still the problem continues because of non-availability of coaches, because near about 10,000 trains run every day all across India.

Through this research paper we are attempting to propose the DSA model which minimizes the problem of waiting list passenger's up-to a certain level. Moreover transparency in the system comes with use of technology. In this model we have enhanced the use of QR code with communication Network of

Online Reservation System Using Qr Code Based Android

Ranj Abdulla Sabir



Online Reservation System Using Qr Code Based Android:

Delve into the emotional tapestry woven by Crafted by in **Online Reservation System Using Qr Code Based Android** . This ebook, available for download in a PDF format (*), is more than just words on a page; it is a journey of connection and profound emotion. Immerse yourself in narratives that tug at your heartstrings. Download now to experience the pulse of each page and let your emotions run wild.

https://py.bijouxmedusa.com/data/Resources/default.aspx/93_252_career_growth_for_beginners_for_small_business_93_1468_career.pdf

Table of Contents Online Reservation System Using Qr Code Based Android

1. Understanding the eBook Online Reservation System Using Qr Code Based Android
 - The Rise of Digital Reading Online Reservation System Using Qr Code Based Android
 - Advantages of eBooks Over Traditional Books
2. Identifying Online Reservation System Using Qr Code Based Android
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Online Reservation System Using Qr Code Based Android
 - User-Friendly Interface
4. Exploring eBook Recommendations from Online Reservation System Using Qr Code Based Android
 - Personalized Recommendations
 - Online Reservation System Using Qr Code Based Android User Reviews and Ratings
 - Online Reservation System Using Qr Code Based Android and Bestseller Lists
5. Accessing Online Reservation System Using Qr Code Based Android Free and Paid eBooks
 - Online Reservation System Using Qr Code Based Android Public Domain eBooks
 - Online Reservation System Using Qr Code Based Android eBook Subscription Services

- Online Reservation System Using Qr Code Based Android Budget-Friendly Options
- 6. Navigating Online Reservation System Using Qr Code Based Android eBook Formats
 - ePub, PDF, MOBI, and More
 - Online Reservation System Using Qr Code Based Android Compatibility with Devices
 - Online Reservation System Using Qr Code Based Android Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Online Reservation System Using Qr Code Based Android
 - Highlighting and Note-Taking Online Reservation System Using Qr Code Based Android
 - Interactive Elements Online Reservation System Using Qr Code Based Android
- 8. Staying Engaged with Online Reservation System Using Qr Code Based Android
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Online Reservation System Using Qr Code Based Android
- 9. Balancing eBooks and Physical Books Online Reservation System Using Qr Code Based Android
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Online Reservation System Using Qr Code Based Android
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Online Reservation System Using Qr Code Based Android
 - Setting Reading Goals Online Reservation System Using Qr Code Based Android
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Online Reservation System Using Qr Code Based Android
 - Fact-Checking eBook Content of Online Reservation System Using Qr Code Based Android
 - Distinguishing Credible Sources
- 13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development
 - Exploring Educational eBooks
- 14. Embracing eBook Trends

- Integration of Multimedia Elements
- Interactive and Gamified eBooks

Online Reservation System Using Qr Code Based Android Introduction

In the digital age, access to information has become easier than ever before. The ability to download Online Reservation System Using Qr Code Based Android has revolutionized the way we consume written content. Whether you are a student looking for course material, an avid reader searching for your next favorite book, or a professional seeking research papers, the option to download Online Reservation System Using Qr Code Based Android has opened up a world of possibilities. Downloading Online Reservation System Using Qr Code Based Android provides numerous advantages over physical copies of books and documents. Firstly, it is incredibly convenient. Gone are the days of carrying around heavy textbooks or bulky folders filled with papers. With the click of a button, you can gain immediate access to valuable resources on any device. This convenience allows for efficient studying, researching, and reading on the go. Moreover, the cost-effective nature of downloading Online Reservation System Using Qr Code Based Android has democratized knowledge. Traditional books and academic journals can be expensive, making it difficult for individuals with limited financial resources to access information. By offering free PDF downloads, publishers and authors are enabling a wider audience to benefit from their work. This inclusivity promotes equal opportunities for learning and personal growth. There are numerous websites and platforms where individuals can download Online Reservation System Using Qr Code Based Android. These websites range from academic databases offering research papers and journals to online libraries with an expansive collection of books from various genres. Many authors and publishers also upload their work to specific websites, granting readers access to their content without any charge. These platforms not only provide access to existing literature but also serve as an excellent platform for undiscovered authors to share their work with the world. However, it is essential to be cautious while downloading Online Reservation System Using Qr Code Based Android. Some websites may offer pirated or illegally obtained copies of copyrighted material. Engaging in such activities not only violates copyright laws but also undermines the efforts of authors, publishers, and researchers. To ensure ethical downloading, it is advisable to utilize reputable websites that prioritize the legal distribution of content. When downloading Online Reservation System Using Qr Code Based Android, users should also consider the potential security risks associated with online platforms. Malicious actors may exploit vulnerabilities in unprotected websites to distribute malware or steal personal information. To protect themselves, individuals should ensure their devices have reliable antivirus software installed and validate the legitimacy of the websites they are downloading from. In conclusion, the ability to download Online Reservation System Using Qr Code Based Android has transformed the way we access information. With the convenience, cost-effectiveness, and accessibility it offers, free PDF

downloads have become a popular choice for students, researchers, and book lovers worldwide. However, it is crucial to engage in ethical downloading practices and prioritize personal security when utilizing online platforms. By doing so, individuals can make the most of the vast array of free PDF resources available and embark on a journey of continuous learning and intellectual growth.

FAQs About Online Reservation System Using Qr Code Based Android Books

1. Where can I buy Online Reservation System Using Qr Code Based Android books? Bookstores: Physical bookstores like Barnes & Noble, Waterstones, and independent local stores. Online Retailers: Amazon, Book Depository, and various online bookstores offer a wide range of books in physical and digital formats.
2. What are the different book formats available? Hardcover: Sturdy and durable, usually more expensive. Paperback: Cheaper, lighter, and more portable than hardcovers. E-books: Digital books available for e-readers like Kindle or software like Apple Books, Kindle, and Google Play Books.
3. How do I choose a Online Reservation System Using Qr Code Based Android book to read? Genres: Consider the genre you enjoy (fiction, non-fiction, mystery, sci-fi, etc.). Recommendations: Ask friends, join book clubs, or explore online reviews and recommendations. Author: If you like a particular author, you might enjoy more of their work.
4. How do I take care of Online Reservation System Using Qr Code Based Android books? Storage: Keep them away from direct sunlight and in a dry environment. Handling: Avoid folding pages, use bookmarks, and handle them with clean hands. Cleaning: Gently dust the covers and pages occasionally.
5. Can I borrow books without buying them? Public Libraries: Local libraries offer a wide range of books for borrowing. Book Swaps: Community book exchanges or online platforms where people exchange books.
6. How can I track my reading progress or manage my book collection? Book Tracking Apps: Goodreads, LibraryThing, and Book Catalogue are popular apps for tracking your reading progress and managing book collections. Spreadsheets: You can create your own spreadsheet to track books read, ratings, and other details.
7. What are Online Reservation System Using Qr Code Based Android audiobooks, and where can I find them? Audiobooks: Audio recordings of books, perfect for listening while commuting or multitasking. Platforms: Audible, LibriVox, and Google Play Books offer a wide selection of audiobooks.
8. How do I support authors or the book industry? Buy Books: Purchase books from authors or independent bookstores. Reviews: Leave reviews on platforms like Goodreads or Amazon. Promotion: Share your favorite books on social media

or recommend them to friends.

9. Are there book clubs or reading communities I can join? Local Clubs: Check for local book clubs in libraries or community centers. Online Communities: Platforms like Goodreads have virtual book clubs and discussion groups.
10. Can I read Online Reservation System Using Qr Code Based Android books for free? Public Domain Books: Many classic books are available for free as they're in the public domain. Free E-books: Some websites offer free e-books legally, like Project Gutenberg or Open Library.

Find Online Reservation System Using Qr Code Based Android :

[93-252 career growth for beginners for small business](#) [93-1468 career](#)

[beginners USA](#) [93-1547 sustainable living for beginners USA](#) [93-215](#)

[hacks best practices United States](#) [93-827 productivity hacks blueprint](#)

[market tutorial for startups](#) [93-1945 stock market tutorial for startups](#)

[comparison America](#) [93-2076 TikTok marketing comparison for startups](#)

[ideas for entrepreneurs](#) [93-2425 travel tips ideas for startups](#) [93-2660](#)

[America](#) [93-2714 fitness routines trends USA](#) [93-856 fitness routines](#)

[93-711 digital marketing roadmap for startups](#) [93-1821 digital marketing](#)

[productivity hacks for beginners for entrepreneurs](#) [93-2795 productivity](#)

[mobile app ideas software for startups](#) [93-2539 mobile app ideas step by](#)

[personal finance guide for creators](#) [93-2334 personal finance guide for](#)

[USA](#) [93-2720 VPN services tools United States](#) [93-1170 VPN services tools](#)

[dropshipping business software for creators](#) [93-1419 dropshipping](#)

[investing for beginners for entrepreneurs](#) [93-2139 real estate investing](#)

[monetization case study America](#) [93-40 blog monetization case study for](#)

Online Reservation System Using Qr Code Based Android :

Winchester Model 59 - Manual (EN) Apr 3, 2018 — Winchester Model 59 - Manual (EN) · Download the manual in PDF format · English Version · Search · Gun's Manuals (325) · Powders & Reloading ... Winchester Model 59 Instructions Reprint Originally sold with Winchester Model 59's, this instruction booklet describes and vividly illustrates how to properly assemble, disassemble, load, unload, ... Winchester Model 59 Shotgun Owners Manual Reproduction Winchester Model 59

Shotgun Owners Manual Reproduction ; Item Number. 143219494510 ; For Gun Make. Winchester ; For Gun Type. Shotgun ; Accurate description. 5.0. Winchester Model 59 12GA Semi-Auto Shotgun 2 Chokes ... Winchester Model 59 12GA Semi-Auto Shotgun 2 Chokes, Original Manual. Made between 1960-1965 and in great condition with a good action. Ready to take out and ... 1960 Orig Care Instructions For Winchester Model 59 ... 1960 Orig Care Instructions For Winchester Model 59 Shotgun Owners Manual Vtg ; Quantity. 1 available ; Item Number. 144930744717 ; Object Type. owners manual. Original Winchester Model 59 Shotgun Owners Manual FOR SALE: Original "Instructions for your Winchester model 59" owners manual - \$10. Found this old manual for my dad's shotgun while rummaging around. Winchester Firearms Owner's Manuals Winchester Firearms Owner's Manuals · Current Owner's Manuals · Current Owner's Manuals · Owner's Manuals For Firearms No Longer In Production · Owner's Manuals For ... WINCHESTER MODEL 59 Semi-Auto Shotgun Owners ... WINCHESTER MODEL 59 SEMI-AUTO SHOTGUN OWNERS INSTRUCTIONS MANUAL Offered is a Instructions manual for a Winchester Model 59 Auto Loading Shotgun. Measures 17" ... Winchester MODEL 59 OWNERS MANUAL (378) Measures 17" by 11 1/2" and is quad folded manual. It contains much valuable info on the Model 59. This manual does not appear to have a date on it, but to give ... A Disassembly Manual for Winchester Bolt Action 22 Rifles ... This book covers models 67, 1900, 1902, 1904, 58, 59 and 60 Winchester rifles. It presents complete instructions with detailed color photographs about how ... Social Studies Chapter 4, Lesson 3, Scott Foresman Spanish explorer who explored what is now Texas in 1528. Francisco Vásquez de Coronado. Spanish explorer of the American southwest; searched for the Cíbola ... Scott Foresman Texas Social Studies Grade 4 AudioText ... Professional recordings of the Pupil Edition aid in comprehension and help develop listening skills. Dramatic Readings of the "You Are There" Passages allow ... scott foresman grade 5 chapter 4 social studies Flashcards A settlement ruled by another country. columbian exchange. The movement of people, food, livestock, ... Texas enVision MATH 4 answers & resources Texas enVision MATH 4 grade 4 workbook & answers help online. Grade: 4, Title: Texas enVision MATH 4, Publisher: Scott Foresman-Addison Wesley, ... Scott foresman social studies grade 4 Scott Foresman Social Studies Regions Grade 4 Chapter 4. Created by ... Texas students use for U.S. History. Includes fill-in-the-blanks ... Scott Foresman-Addison Wesley enVisionMATH 4 Scott Foresman-Addison Wesley enVisionMATH 4 grade 4 workbook & answers help online. Grade: 4, Title: Scott Foresman-Addison Wesley enVisionMATH 4, ... Scott Foresman Social Studies: Texas Edition This book is working great with my Texas TEKS curriculum and follows along well with my lesson plans. I would recommend it for home or public schooling... 4 ... Scott foresman social studies Scott Foresman Social Studies Grade 4 Chapter 4 Lesson 1 Study Guide ... Texas students use for U.S. History. Includes fill-in-the-blanks ... Reading Street 4 2 Grade by Scott Foresman Reading Street, Grade 2.2: Decodable Practice Readers Units 4-6 by Scott Foresman and a great selection of related books, art and collectibles available now ... Reading Street 4 2 Grade Unit by Scott Foresman Reading Street, Grade 2.2: Decodable Practice Readers Units 4-6 ... Houston, TX, U.S.A.. Seller Rating: 5-star rating. Used - Softcover

Condition: Good. Beery Manual - Scoring, Etc-Ilovepdf-Compressed PDF Beery Manual - Scoring, Etc-Ilovepdf-Compressed PDF. Uploaded by. André Almeida. 90%(41)90% found this document useful (41 votes). 34K views. 62 pages. BEERY VMI Beery-Buktenica Visual-Motor Integration Ed 6 Scoring options: Manual Scoring; Telepractice: Guidance on using this test in your telepractice. Product Details. Psychologists, learning disability ... Beery VMI Scoring and Usage Guide The Beery VMI scoring involves marking correct answers with an x, counting raw scores, and finding the standard score based on the child's age bracket.. 09: ... Keith Beery: Books ... Scoring, and Teaching Manual (Developmental Test of Visual-Motor Integration). Spiral-bound. Beery VMI Administration, Scoring, and Teaching Manual 6e PsychCorp. Beery vmi scoring guide Beery vmi scoring guide. Designed to: 1) assist in identifying significant ... Administration instructions: see scoring manual. Primarily used with ... The Beery-Buktenica Developmental Test of Visual-Motor ... Scores: Standard scores, percentiles, age equivalents. The new 6th Edition of ... Beery VMI 6th Edition Starter Kit includes: Manual, 10 Full Forms, 10 Short ... (Beery VMI) Visual-Motor Development Assessment ... Booklet. Fine-Grained Scoring and a Useful Manual. The Beery VMI scoring system permits fine discrimination between performances, especially at older age levels ... Scoring The Conners 3 now provides a scoring option for the Diagnostic and Statistical Manual ... Beery VMI: Scoring Unadministered Items. Rules for scoring Beery VMI ...