



# RTC Bus Ticket Booking System

A Digital Solution for Public Transport Ticketing

Simplifying Your Journey.

# **Introduction: The Problem & Our Solution**

## **Problem Statement**

Inefficient traditional ticketing leads to wasted time for commuters and operational inefficiencies for RTC.

## **Solution**

A QR-based digital bus ticket booking system to streamline the entire process, enhancing convenience and efficiency.



# Key Features: QR Code Ticketing

- 1** System generates unique QR codes for each ticket, encrypted with journey details and validity.
- 2** Passengers can purchase and store tickets on their smartphones.
- 3** Conductors scan QR codes using handheld devices for quick and accurate verification.



# Additional Features: Enhancing User Experience



Real-time updates on bus routes, schedules, and estimated arrival times.



Secure online payments via credit/debit cards, mobile wallets, and UPI.



Users can view past tickets and manage their accounts.



# Benefits for Passengers

## Convenience

Buy tickets anytime, anywhere, without queuing.

## Flexibility

Multiple payment options and ticket types (single journey, day pass, monthly pass).

## Reduced Contact

Minimizes physical contact, crucial for hygiene and safety.

# Benefits for RTC

1

## Operational Efficiency

Streamlined ticketing reduces costs and improves resource allocation.

2

## Data Analytics

Real-time data on ridership, peak hours, and popular routes enables informed decision-making.

3

## Revenue Enhancement

Prevents fraud and increases transparency in revenue collection.



# Implementation Plan & Timeline



## Phase 1 (3 Months)

System development and testing.

## Phase 2 (1 Month)

Pilot launch on selected bus routes.

## Phase 3 (2 Months)

Full-scale rollout across the entire RTC network.

# Key Project Timeline

## Timeline



### • Development

You've just started your project. You've got the basic idea, but there's still a lot of work to do.

### • Pilot launch

The first milestones have been achieved. You've got the basic idea, but there's still a lot of work to do.

### • Rollout

This stage involves scaling up operations, adding more resources, and addressing any remaining challenges.





# Conclusion: Transforming Public Transport

The RTC Bus Ticket Booking System offers a modern, efficient, and convenient solution for public transport ticketing.

Partner with us to revolutionize public transportation and build a smarter, more connected city.