DIGITIZED RTC

Dligitalising payments for a hassle free experience

INTRODUCTION

➢The Telangana State Road Transport Corporation popularly known as TSRTC operates buses for local Travel as well as travel across states and cities. At the moment, we do not have a provision for taking bus ticket online for local travel.

➢Our website Digitized RTC is a platform for passengers in Hyderabad city to be able to take tickets in local buses and manage their travel plans for the day.

➢Digitized RTC is a unified interface for passengers to be able to connect from one part of the city to another.

MOTIVATION

We observe on a daily basis how difficult it is to travel in TSRTC within the city, we also observe how for a bus conductors it is difficult to return chump change to passengers. This issue can be addressed with an online ticket issuing option.

PROBLEM STATEMENT

- The current process of taking tickets while travelling in a bus is often inconvenient and time-consuming for passengers. To address this issue, We are developing a website-DIGITIZED RTC that aims to provide an efficient and user-friendly experience. Digitized RTC provides a seamless ticket booking experience which enables passengers to pay for their tickets electronically, eliminating the hassle of loose change.

OBJECTIVE

- The main objective of our project is to provide a platform for passengers where they can take TSRTC bus tickets through online mode in intra-city as well.

IMPLEMENTATION

➢The front-end languages used in implementing this website are HTML,CSS ,JAVASCRIPT.

➢Text editor used is Visual Studio Code.

➢The backend language used in storing the details of the logged in users is PHP,Flask.

.....

PROGRESS

- Frontend implementaion is done using html and css
- We connected it to the MySql database using PHP
- We started working on adding the chatbot which answers the queries of users to the website.
- We are working on user authentication

FUTURE ENHANCEMENTS

- NLP-Trained ChatBot.
- We can extend it to track buses and update the live location, arrival time.
- We can provide information about the Bus numbers available in that route based on pickup and drop location.

THANK YOU

-TECH WIZARDS

Nikhil Nyalakanti
Akshay Uppu
Sumana Medishetty
Mythili Rao Kondapalli