DAYANANDA SAGAR COLLEGE OF ENGINEERING

MASTER OF COMPUTER APPLICATIONS

PROJECT SYNOPSIS – 2022

PROJECT NAME

APPLICATION FOR DIGITAL TRAVEL CARD

SUBMITTED TO

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1. INTRODUCTION

Digital Travel Card. In our project the elements are dynamic. Our aim is to replace the existing model which is done manually to a online web based solution which can automatically takes applications based on customer input and everything will be recorded like transactions and type of services is being used by user.

2. PROBLEM STATEMENT

In future all transactions are takes place in online mode. After some years use of digital currency is become common. It is very difficult to carry hard cash wherever we go. Due to cashless getting a ticket or pay for travel charge is difficult and if the passenger paid cash more than necessary then conductor also have an issue on return amount.

Else if paying for travel charge through online mode likes phone pay, Google pay …..etc is also difficult because at some times online transactions also fails.

3. SOLUTION

By implementation of the Digital Travel Card System in Required travelling vehicles we can overcome from this problem.

4. FEATURES

- Anyone can get a card(by applying some terms and conditions)
- Some subscription features are their like,
    1. Not an Indian
    2. Indian citizen
        I. Student
        II. Normal person
        III. Working person
        IV. Senior citizen
- Card is valid till the bar code or scanning or sensor code is erased on the card.

- User can easily recharge the card by own like recharging for mobileSIM.
- Students and Working person can recharge with monthly or year subscription.
- Exact Travelling Distance calculation and Reasonable Amount deduction feature.
- If it card stolen by someone or missed some where then user can block the and get a new card with balance amount present in previous card like debit card and credit card.

- If passenger didn't bring the card. It gives the alert when the passenger will enter to vehicle.
- To travel using card, card must have minimum balance.
- If reasonable balance is not deducted due to insufficient balance passenger want to pay if he don't pay next time he/she can't travel till he /she pay last pending payment.

5. PURPOSE

- Travelling with safe and securely without taking a risk of paying travellingcharge by cash or online payment.

- Without using a cash payment or online payment we can travel anywhere in a state or in all around the country using digital travel card with a safe and secure.

6. WORKING PROCESS OF PROJECT MODEL

Application: To get a digital card user want to apply application to digital travelling card

Issue of card: some licensed offices or organization or government sectors will issue the card.

Recharge: After getting a card, to travel user want to recharge the card for their need.

Sensors and scanner model: the model which scan card (at starting and destination points) and calculate and deduct amount. The model is fixed in enteringpoint of vehicles.

7. FUTURE SCOPE

This project has a vast scope in the future

- We can implement this project in all transport vehicles like buses cabs, autos , ola …. It is very useful in future.
- People can Travel with safe and securely without taking a risk of paying travelling charge by cash or online payment.

8. USES

- If sufficient balance is not there in card the sensors will gave alert like you don't have sufficient balance by this no one can travel without paying the charge.
- Without having cash and without using online payments, passenger can travel by using card.
- The work of a conductor is reduced.

9. DISADVANTAGES

- If scanning or bar code is erased the card is not useful.

- Student card is only access in government buses. It is not access in other vehicles. If student want to travel in other vehicles they want to get normal person card.