Project Presentation:
Auto Rickshaw Union Portal

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INTRODUCTION

- The Auto-rickshaw Union project is a web-based platform designed to support auto-rickshaw drivers in organizing themselves and advocating for their interests.
- The Auto-rickshaw Union project consists of various modules that allow auto-rickshaw drivers to communicate with each other, share information
- These modules include registration, grievance redressal, payment gateway, ratings and reviews, knowledge center, discussion forum, survey and feedback, and marketplace.

Overall, the Auto-rickshaw Union project seeks to improve the lives and working conditions of auto-rickshaw drivers by providing them with a platform to organize and advocate for their interests.

EXISTING SYSTEM

- **Ola Auto and Uber Auto:** These are ride-hailing services that allow passengers to book auto-rickshaws through their mobile applications. These services provide convenience and safety for passengers, and a source of income for auto-rickshaw drivers.
- **Auto-rickshaw associations:** There are various auto-rickshaw associations that operate in different regions of the country. These associations provide services such as insurance, training, and legal advice to their members.
- **Government services:** The RTO provides various services related to auto-rickshaws, such as registration, fitness certificates, permits, and taxation. These services are essential for auto-rickshaw drivers to operate legally and comply with safety regulations.
- **Social media groups:** There are various social media groups,that bring together auto-rickshaw drivers and provide a platform.

NEED FOR SYSTEM

- **Organizing auto-rickshaw drivers:** Auto-rickshaw drivers are a scattered group, and it can be challenging to organize them into a cohesive group. The Auto-rickshaw Union system provides a platform for auto-rickshaw drivers to come together, communicate with each other, and build a sense of community.

- **Access to essential resources:** Auto-rickshaw drivers require access to essential resources such as training, legal advice, and financial management tools.

- **Advocating for their interests:** Auto-rickshaw drivers face various challenges such as low earnings, safety concerns, and harassment from law enforcement.

- **Enhancing their social status:**The Auto-rickshaw Union system can provide a platform for auto-rickshaw drivers to share their stories, build a positive image, and enhance their social status.

OBJECTIVE AND SCOPE

- **Platform for communication:** The system will provide a platform for auto-rickshaw drivers to communicate with each other, share information, and build a sense of community.
- **Access to essential resources:** The system will provide access to essential resources such as training, legal advice, and financial management tools.
- **Advocating for their interests:** The system will provide a platform for auto-rickshaw drivers to advocate for their interests, negotiate with policymakers, and address their concerns.

Overall, the Auto-rickshaw Union system aims to empower auto-rickshaw drivers and improve their quality of life by providing them with a comprehensive platform that can help them overcome the challenges they face and achieve their goals.

TECHNOLOGY DETAILS

Hardware Requirements:

- Processor: Intel Core i7 & 2.00Hz.
- RAM:4 GB and above.
- Hard Disk:128GB.
- Cache Memory:514 KB

Software Requirements:

- Front End Language: HTML,CSS,JAVASCRIPT
- Back End Language: MySQL,PHP.
- Additional Tools: Xampp Server
- Operating System: Windows 10

MODULES/FUNCTIONALITIES

❖ **UNION-HEAD MODULE:(ADMIN)**
   Union head will be primary leader & responsible for representing it's stakeholders that are auto-rickshaw owners.
   - Registration
   - Login
   - Dashboard
   - Create Membership
   - Manage Event & Meeting
   - Manage Member Request

❖ **AUTO RICKSHAW DRIVER MODULE:(USER)**
   They are the primary user of website, would use it to access a range of functionalities related to rickshaw driver profile management.
   - Registration
   - Login
   - Profile Access
   - Permit request, Complaint, Challan, Licence,RC details,RTO fitness certificate, insurance, vehicle Document.

❖ **Payment Module: This module allows auto-rickshaw drivers to make online payments for their legal documents, membership fees, and or other transactions related to the union. It can also include a payment gateway integration to facilitate secure and seamless online transactions.**