SYNOPSIS

ON

Project Name:- Kabootar

Submitted By: Submitted To:

Aviral Sivek Dixit-G-2115000245   Mentor name:-Mr. Abhishek Tiwari

Dhruv Varshney-G-2115000367   Designation:- Technical Trainer

Naresh Sharma-H-2115000652   Department:- Training And Development

Tushar Saha-H-2115001052

Title of the Project:

KABOOTAR - Enhanced Parcel Tracking and Delivery Optimization System

Objective:

The main objective of the project is to develop a comprehensive parcel tracking and delivery optimization system for a logistics company. The aim is to improve the overall efficiency of the delivery process, enhance customer satisfaction, and optimize resource utilization.

Scope:

The project will encompass the development of a software solution that includes real-time parcel tracking, route optimization, and delivery management. It will cover the entire logistics process from parcel acceptance to final delivery. However, it will not involve the physical handling of parcels or the integration of the system with external hardware devices.

Methodology:

The project will utilize a combination of GPS tracking for real-time location updates, data analytics for route optimization, and a user-friendly interface developed using web technologies including HTML, CSS and JavaScript.

Proposed System:

The proposed system will enable real-time tracking of parcels and delivery vehicles, optimizing delivery routes based on factors like package size, priority, and location. It will provide a centralized platform for managing the entire delivery process, from order placement to successful delivery.

Features:

- Real-time parcel tracking for customers
- Intelligent route optimization for delivery vehicles
- User-friendly interface for customers and logistics staff
- Automated notifications for delivery updates
- Analytics for performance monitoring and optimization

Implementation Plan:

- Requirements Gathering (Week 1-2)
- Design and Architecture (Week 2-3)
- Development of Tracking System (Week 3-4)
- User Interface Development (Week4-5)

Team Members:

- Aviral Sivek Dixit :- Requirement Gathering and Design ,HTML , CSS, JavaScript
- Dhruv Varshney:- HTML, CSS , JavaScript, Tracking System
- Tushar Saha:- HTML, CSS AND JavaScript

- Naresh Sharma:- HTML, CSS AND JavaScript

Resources Required:

GPS Tracking System

Web development tools:-

- HTML
- CSS
- JavaScript

References:

Following websites were taken into consideration for the design and architecture of our website :-

- Delhivery
- DTDC
- DHL
- FEDEX
- EKART

Expected Outcomes:

A website that enhances parcel tracking, optimizes delivery routes, and provides a user-friendly interface for customers and logistics staff.

Project Supervisor: Mr.

Abhishek Tiwari

Conclusion:

The project aims to revolutionize the logistics process by introducing parcel tracking and delivery optimization. Through the implementation of technology and intelligent algorithms, KABOOTAR strives to improve customer experience, streamline operations, and optimize resource utilization for the logistics company.