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# Introduction

This project is intended to create a database for managing and dispatching fleet vehicles for my school. Administrative Staff and Automotive personnel are seeking a way to track vehicle usage as well as vehicle maintenance and oil changes with exportable reports. Proposed solution is to create an Access Database with proper forms and tables designed to track vehicle usage, mileage, and maintenance. Database will be stored on school file server accessible by personnel that need access and restricted using NTFS permissions. Documentation will be provided and stored on same file server and network share. A website will be designed and deployed to host documentation as well as information about the database.

## Background

At Lively Technical College, there is currently no method in place to track and maintain the school vehicle fleet. Vehicles are handed out and mileage is not tracked. Furthermore, there is no method in place to fulfill annual requirement for reports of vehicle usage.

## Problem Statement

This project has been initiated to create a vehicle dispatch and fleet management solution for small to medium size fleets. Currently there is no method of tracking vehicle usage and tracking maintenance of fleet vehicles. By tracking this data, this will make managing the fleet more efficient and prolong the life of our fleet. Additionally, by tracking mileage and usage, this will bring us compliant with district policies.

## Audience

To implement this project successfully, it is paramount that we include key personnel in the organization. Key personnel to be included in this project is Automotive and Administrative leadership but may include others should the scope change. Automotive and Administrative sections of this school are the stake holders for managing the Transportation Fleet. Administrative personnel “dispatch” the vehicles if someone needs one and Automotive personnel manage the maintenance of the school vehicle fleet.

Items to be addressed will include, but not be limited to: vehicles to be entered into the database, type of maintenance to be tracked, mileage, and locations.

# System Requirements

## Requirements Modeling

[REQUIREMENTS MODELING GOES HERE]

## Data Process Model

[Data process model (From Visio) will go here.]

## Data Flow Diagram

[Data flow diagram stuff goes here.]

## Data Dictionary

[Data dictionary stuff goes here.]

## Object Modeling

[Object modeling stuff goes here.]

## Use Case Diagrams

[Use case stuff goes here.]

# Systems Design

## Specifications

[Specifications stuff goes here]

## Data Design.

[Data design stuff goes here.]

## User Interface Design

[User interface design stuff goes here.]

## System Architecture

[System arch stuff goes here.]

## Feasibility Analysis

[Feasibility analysis stuff goes here.]

# Project Plan

## Work Breakdown Structure

[WBS stuff goes here.]

## Project Monitoring and Control Plan

[Project monitoring and control plan goes here.]

## Timeline

[Timeline goes here]