Project Proposal

Project Statement:

I would like to make a fleet maintenance management application. This would keep track of who has been issued a vehicle, what maintenance that vehicle needs, and all of the maintenance records for that vehicle. This would also include maintenance records for support vehicles such as trailers or generators. This would be useful for construction companies, police stations, and any other organization that has a large fleet of vehicles and other equipment that needs routine maintenance.

Project plan

Create main function- required for program

Assign vehicle to user: need

Create a user -

Create a vehicle

create listing of vehicles

Turn in vehicle:

Implement multiple users

Assign and turnin vehicles

Major Check point

Create user interface

Recreate step 4 with user

Create admin

Create ability of admin to add users

Create ability of admin to add equipment(built off of blueprints trailers, limited use items)

Here start adding a wider variety of vehicles and equipment

Add

User inputs flaws of equipment on turn in

Admin can view flaws of equipment

Admin can view all equipment

Admin can take back equipment from users

Admin gets alerted when vehicles are over certain miles

Add ability of User to have multiple types of Equipment

Project:

Create Admin as first user Essential

Admin can add users

Admin can add vehicles

Users can borrow equipment

Users can return equipment

Users enter new mileage data upon turn

Users can enter faults for equipment

Vehicles/equipment have a list of faults for each vehicle

Vehicle/equipment has the operational status

Vehicle mileage is recorded

Vehicle Oil status is set to bad at 5000 Miles

Admin can see which users have which vehicles or equipment

Users can view status of available vehicles

Vehicles fault history is retained

Vehicles can be set to be unsafe to use

Users have to be qualified to operate equipment that they check out

Admin can set qualifications of users