


Garage Management System – Project Features

1. Vehicle Details Entry


before order generation not require. "Add a vehicle to the system before generating a work order"

Vehicle-specific information before order generation.

- Vehicle Number / Registration
- Vehicle Type (MBT-2000 / VT-1A, BTR-80, etc.)
- Brand & Model
- Engine Number
- Chassis Number
- Contact Number etc.....



-  Vehicles are saved in a master list for reuse in future orders. This line is not meaningful
 - Option to search and select existing vehicle records.
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2. Work Order

- Create a new **Work Order** for a selected vehicle.
 - Customer complaints/issues (~~Write down what the customer says is wrong with the vehicle.~~)
 - Odometer reading (Write the number of kilometers or miles shown on the vehicle's meter.)
 - Order date (The ~~date~~ when the work order is created.)  Why he should insert that date? You may handle it backend. No need this line
 - Remarks (Add any extra notes or comments about the order.)
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3. Job Card Generation

I think for both service and parts need mechanic to assign, right?
But this is not clear

- Create a **Job Card** against a work order.
 - Job card includes:
 -  ○ Assigned mechanic (The person who is in charge of fixing or servicing the vehicle.)
 - Required spare parts (The parts needed to complete the repair)
 - Service (The service performed on the vehicle to keep it running well.) 
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4. Spare Parts Management

- System checks stock availability.

This text should be meaningful. Something like "Check the warehouse/stocks that the required parts are available or not".

If All parts available

- Issue all spare parts. (Give out all the needed parts from stock to start or complete the repair work.)
- Job card moves to **Completed**. (The job as finished after all parts are issued and service is done.)

No need explanations here, these lines are straight forward

If All parts not available




- Issue available parts. (Provide only the parts that are currently in stock for the repair work.)
- Send **Requisition List**. (Send a request for the missing spare parts to the store.)
- Job card status is set to **Ongoing**. (the job has started but is not finished yet because some parts are still missing.)

List->Request

5. Requisition System

Text change to: After requesting for a requisition this will be the hierarchy to approve this requisition

The request spare parts that are not available in stock.

- **1st Approval** –
 The Officer Commanding (OC) reviews the requisition request and approves or modifies it.
- **2nd Approval** –
 The Lieutenant Colonel gives the second approval to proceed with the requisition.
- **3rd Approval**–
 The Joint Operations Centre (JOC) gives the final approval to proceed with the requisition.

This icons should remove

6. Inventory System

Inventory Module will be the first module of the system

- Add Category (Create new product categories to organize spare parts.)
- Add Product (Add new parts by selecting a category and entering details like product name, part number, brand, model, and size.)
- Product List (View a list of all products in the inventory with their details.)
- Add ~~Purchase~~ (Record new purchases by searching products category-wise, entering quantity, and purchase year etc...)

Purchase word is not suitable
You can use "Add New Parts"

- Edit ~~Purchase~~ (Update or correct details of a previously recorded purchase, such as quantity, date, or product information.)
- ~~Purchase List~~ (See all past purchase records with details.)

7. Reports

There is only few reports you mentioned, so use "System will generate number of dynamic reports, including: "

- Daily/Monthly orders (Shows the total number of orders created each day or month)
 - Job completed (Displays a list of all jobs that have been fully finished, including service and parts issued.)
 - Job Pending (Shows jobs that have been created but not yet started or have no parts issued.)
 - Job Ongoing (Displays jobs that are currently in progress, with parts issued and work underway.)
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8. User Roles & Permissions

with manage users with their rules and permissions

- **Admin** – Full access (Can use and manage everything in the system, including inventory, jobs, parts, and reports.)
- **Mechanic** – View job cards (Can see job cards assigned to them.)
- **Inventory Manager** – Issues parts & send requisitions (Controls spare parts inventory by adding stock, giving out parts for jobs, and sending requests for parts that are missing.)
- **Officer Commanding (OC)** – View requisition list (1st Step Approval) (Reviews and approves or changes spare parts requests before they move to the next approval step.)
- **Lieutenant Colonel** - View requisition list (2st Step Approval) (Checks and approves requisition requests after the OC's approval before final approval.)
- **Joint Operations Centre (JOC)** - View requisition list (Final Approval) (Reviews and gives the final approval for requisition requests to be processed.)

Who will create the work order?
A panel is missing.
"Work Order Manager/Manager"

Use calibri(body) as the text font. This is official