**CNG Tuning and Kit Conversion Management System**

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| **USE CASE NAME:** | SALE ORDER | **USE CASE TYPE** | |
| **USE CASE ID:** | SO-014 | Business Requirements: **🞏** | |
| **PRIORITY:** | HIGH | System Analysis: 🞏 | |
| **SOURCE:** |  | System Design: 🗹 | |
| **PRIMARY BUSINESS ACTOR** | Customer | | |
| **PRIMARY SYSTEM ACTOR** | OWNER | | |
| **OTHER PARTICIPATING ACTORS:** | * OWNER * FINANCE PERSON | | |
| **OTHER INTERESTED STAKEHOLDERS:** |  | | |
| **DESCRIPTION:** | The use case describes the event when the Customer arrives at the shop or calling the owner to give the sale order. Once the purchasing order is completed, finance person give the invoice bill to customer then payment is done. | | |
| **PRE-CONDITION:** | The Customer has to purchase the items he ordered it. | | |
| **TRIGGER:** | This use case is initiated when the customer gives the sales Order. | | |
| **TYPICAL COURSE** | Actor Action | | System Response |
| **OF EVENTS:** | **Step 1**: The owner selects the customer through combo box and select the items, service and fill the quantity of items, order date, delivery date and status in the sale info interface. Then clicks the add transaction button. | | **Step 2**: The system respond by loading all information of customer and item and show all the sale order detail in grid box record in the database. |
|  | **Step 3:** Then owner clicks the next button then opens sale invoice bill info then he selects the customer then fill invoice bill no with date and net amount then select the status by radio button the click save button. | | **Step 4:** The system respond by record the information in database and show in the grid and invoice bill box. |
|  | **Step 5:** Then owner clicks the next button then open invoice payment then he selects the customer and fill date, invoice bill no, status of bill and payment , cheque and amount received then click the add payment. | | **Step 6:** The system load the total amount and balance in their respective box and show all necessary information into the grid box. |
| **ALTERNATE COURSES:** | **Alt Step 1:** If customer not in the combo box then owner click new customer then add the customer in customer registration interface. Also update, delete, search and get the list the customer there. | | |
|  | **Alt Step 1:** If owner want to search the customer info by enter name into search textbox. Same with delete transaction. | | |
|  | **Alt Step 3:** If owner want to search the customer bill info by enter name into search textbox. | | |
|  | **Alt Step 5:** If owner want to delete a payment the fill the id in textbox the clicks delete and all delete click all delete. Also owner update the payment of the customer by click update button. | | |
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| **CONCLUSION:** | The use case concludes when the Customer gets the Order he needs. | | |
| **POST-CONDITION:** | The purchasing Order details record is saved to the system software. | | |
| **BUSINESS RULES** | * Customer have the need to purchase the items through given order. * There is no bargaining. * There is a limit of discount. | | |
| **IMPLEMENTATION CONTRAINTS AND SPECIFICATIONS** | * The Use Case is available when the shop is open. * It occurs when there is possibility of purchasing | | |
| **ASSUMPTIONS:** | * If all purchase Order is not available Customer has to return back. | | |
| **OPEN ISSUES:** | None | | |