**CNG Tuning and Kit Conversion Management System**

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| **USE CASE NAME:** | VENDOR ORDER | | **USE CASE TYPE** |
| **USE CASE ID:** | VO-017 | | Business Requirements: **🞏** |
| **PRIORITY:** | HIGH | | System Analysis: 🞏 |
| **SOURCE:** |  | | System Design: 🗹 |
| **PRIMARY BUSINESS ACTOR** | OWNER | | |
| **PRIMARY SYSTEM ACTOR** | OWNER | | |
| **OTHER PARTICIPATING ACTORS:** | * FINANCE | | |
| **OTHER INTERESTED STAKEHOLDERS:** | * SERVICE EMPLOYEE | | |
| **DESCRIPTION:** | The use case evaluates the event when particular items in the stock is nearly finish which demand by the customer, owner give the order to Vendor for purchase the different items due to which requirement in the stock completed. When the order is delivered, finance person give payment of purchasing and enter the purchasing data in the web base application to make purchasing bill. | | |
| **PRE-CONDITION:** | Owner has to order vendor for purchasing items. | | |
| **TRIGGER:** | This Use Case is initiated that when particular items in the stock is nearly finish which demand by the customer. | | |
| **TYPICAL COURSE** | Actor Action | System Response | |
| **OF EVENTS:** | **Step 1**: The owner selects the vendor through combo box and select the items, service and fill the quantity of items, order date, delivery date, quantity received and status in the vendor order info interface. Then clicks the add transaction button. | **Step 2**: The system respond by loading all information of vendor and item and show all the vendor order detail in grid box record in the database. | |
|  | **Step 3:** Then owner clicks the next button then opens purchase bill info then he selects the vendor then fill purchase 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 6:** The system load the total amount and balance in their respective box and show all necessary information into the grid box. | |
|  | **Step 5:** Then owner clicks the next button then open purchase bill payment then he selects the vendor and fill date, purchase bill no, status of bill and payment , cheque and amount paid then click the add payment. |
| **ALTERNATE COURSES:** | **Alt Step 1:** If vendor 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. Same as with item. | | |
| **Alt Step 1:** If owner want to search the vendor info by enter name into search textbox. Same with delete transaction. | | |
|  | **Alt Step 3:** If owner want to search the vendor 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 vendor by click update button. | | |
| **CONCLUSION:** | The Use Case Concludes that the owners gets the Order to fulfill the requirement of the stock. | | |
| **POST-CONDITION:** | Vendor Order Record is saved in the system. | | |
| **BUSINESS RULES** | * Owner has to give correct Vendor Order. * The Order should be Clear and labeled. * Owner has to checkout it’s selected order. | | |
| **IMPLEMENTATION CONTRAINTS AND SPECIFICATIONS** | * The use Case is available when the shop is open. * It occurs when there is possibility of ordering. | | |
| **ASSUMPTIONS:** | * If there is missing of any order from selected list of order the charges will not considered in Payment of the purchasing goods. | | |
| **OPEN ISSUES:** | None | | |