**CNG Tuning and Kit Conversion Management System**

**Author (s): MUHAMMAD UNAIS Date: 09-05-2019**

**Version: 1.00**

|  |  |  |  |
| --- | --- | --- | --- |
| **USE CASE NAME:** | STOCK VERIFICATION | | **USE CASE TYPE** |
|  |  | |  |
| **USE CASE ID:** | VS0011 | | Business Requirements: **🞏** |
| **PRIORITY:** | HIGH | | System Analysis: 🗹 |
| **SOURCE:** |  | |  |
| **PRIMARY BUSINESS ACTOR** | CUTOMER | | |
| **PRIMARY SYSTEM ACTOR** | SERVICE EMPLOYEE | | |
| **OTHER PARTICIPATING ACTORS:** | * OWNER | | |
| **OTHER INTERESTED STAKEHOLDERS:** |  | | |
| **DESCRIPTION:** | The use case describes the event when the customer arrives at the shop for Purchasing of spare parts he wishes for spare of parts or the CNG Kit of vehicle. The Owner ring the bell and service employee check the available product in the stock. | | |
| **PRE-CONDITION:** | The service employee has to check for the stock. | | |
| **TRIGGER:** | This use case is initiated when there need to verify the stock. | | |
| **TYPICAL COURSE** | Actor Action | System Response | |
| **OF EVENTS:** | **Step 1**: The customer arrives to the shop and ask for the item. | **Step 2**: The system then responds by ringing the bell and service employee which is available at the time then he checks the available item’s in stock. | |
|  | **Step 3:** The customer then asks for price of the required item. | **Step 4**: The system then responds by mention the prices of the required item. | |
| **ALTERNATE COURSES:** | **Alt Step 1:** The customer came but ask for the prices of item provided by the shop. | | |
|  | **Alt Step 2:** The item is not available in the stock. | | |
|  | **Alt Step 4:** The System does buy the parts at the given price. | | |
| **CONCLUSION:** | The use case concludes when item is given to the customer. | | |
| **POST-CONDITION:** | The stock record is saved to the system. | | |
| **BUSINESS RULES** | The customers must have some problem related to their vehicles. | | |
| **IMPLEMENTATION CONTRAINTS AND SPECIFICATIONS** | * This use case is available when the shop is open.   There is no limit to use this use case. | | |
| **ASSUMPTIONS:** | When all employee is busy to their work the customer either wait or return back. | | |
| **OPEN ISSUES:** | None | | |