**CNG Tuning and Kit Conversion Management System**

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**Version: 1.00**

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| **USE CASE NAME:** | RECORD PURCHASING AND SELLING | | **USE CASE TYPE** |
| **USE CASE ID:** | RPS-020 | | Business Requirements: **🞏** |
| **PRIORITY:** | High | | System Analysis: 🗹 |
| **SOURCE:** |  | |  |
| **PRIMARY BUSINESS ACTOR** | Finance Person | | |
| **PRIMARY SYSTEM ACTOR** | Finance Person | | |
| **OTHER PARTICIPATING ACTORS:** | * Owner | | |
| **OTHER INTERESTED STAKEHOLDERS:** |  | | |
| **DESCRIPTION:** | This use case describes the event to record the details of every product bought by the customer used its rates also or purchased from vendors with their quantity, rate and net amount by finance person when it is occurred. | | |
| **PRE-CONDITION:** | There should some buying or purchasing done before recording. | | |
| **TRIGGER:** | This use case is initiated when the process of buying or purchasing and selling occurs by the use of the payment methods. | | |
| **TYPICAL COURSE** | Actor Action | System Response | |
| **OF EVENTS:** | **Step 1**: When purchasing or selling occurs the finance person enter all necessary data to the excel sheet related to which transaction is held. | **Step 2**: Then the system will record the necessary detail like (bill no, bill date, supplier or vendor detail with serial no, bar code, item and its quantity, rate and net amount). | |
| **ALTERNATE COURSES:** | **Alt-step 1**: The detail will be recorded in a software business solution according the process that is done. | | |
| **CONCLUSION:** | The conclusion of this process is that the details of the product bought or sold have been recorded. | | |
| **POST-CONDITION:** | Purchase and Sale bill is record to the system with necessary details. | | |
| **BUSINESS RULES** | There must some purchase or buying done for recording details. | | |
| **IMPLEMENTATION CONTRAINTS AND SPECIFICATIONS** | * There is no limit to use of use-case. * Only can be recorded by authorized or finance person. * Availed when shop is open. | | |
| **ASSUMPTIONS:** | * There will be no recording when no buying or selling is performed. | | |
| **OPEN ISSUES:** | There will issues in stock of product and the details of profit or loss in company. | | |