Group : TY\_25

Batch : B3

Roll No : 22,58,60,63

**Assignment 2 : Requirement Specifications**

**Car Rental System**

**Requirement 1 : To combine business requirements with technical requirements of the software**

* Verification of users ,to display/email the transaction summary to the user and to keep communication between the various stakeholders of this system are some of the business requirements.
* So these business requirements have to be combined with the technical requirements such as managing a database,authenticating the payment gateways etc.
* Below is the flowchart which explains how stakeholders are included in the process of providing a car to the user.

Technical Manager

Supplier

Manufacturer

User

Distributor

**Requirement 2 : To secure any transmissions of private information between the customer and the company**

This includes :

* Prevent any potential threats such as SQL injections through the forms or search boxes.
* Prevent third party users from interfering at administration level.
* Verify website security certificates (that lock in the address bar).
* Prevent false email inputs from being used while registering.

**Requirement 3 : To provide a flexible Refund Policy & print invoice option.**

* If print option is selected ,a printable version of the page being viewed by the worker will display with a confirm print button .
* These invoices are only available online for 36 hours after completing your rental.
* If invoice has been modified more than once,user will only be able to see the latest version.

**Requirement 4 : To Integrate multiple payment options in Payment Gateway**

* For integrating payment gateway with your website :The website should not be hosted on a sub-domain and it should have the SSL(Secure Socket Layer) certificate.
* The website should allow users to select a payment option such as netbanking,debit card etc.Also being logged in should allow for customers to quickly make payments without re-entering information.
* After the customer submits their payment and it is confirmed on client-side,a transaction summary will display on the website and a copy will be emailed to the customer.

**Requirement 5 : To provide rental statistic report**

* Reports will be created to ensure that all information and functionality is clear or not in order to make the user manual and to help ensure employees can use the software with ease.
* This report will include previous rental records based on which we can increase the highest sold car prices to maximize the profit.