**ABSTRACT**

This project “**E-PORTAL FOR CAR SPARES”** is a web application designed using HTML, CSS as front end and My-SQL as back end. The coding language used here is PHP

This system that enables the customers who are workshop owners to order their spare item’s for cars through online at any time and any place. The purpose of developing this website is to deliver all type of spares including new model. Also the delivery charges are free. The customer may also know that the path of delivery address, and also the delivery time from the time of ordering.

The system incorporate comprehensive tools and functionalities to actively support intelligence shop automation. The system is fabricated around the overall objectives of providing a flexible, use-specific work environment within management defined limit.

Online car spares shop goes beyond conventional shop automation to provide strategic inventory tracking and control, billing, shop profitability and sales in the shop work culture. The system recommends a facility to accept the order and home delivery system which can improve customer’s satisfaction.

**SYSTEM ANALYSIS**

**EXISTING SYSTEM**

The existing system was carried out manually. There is lot of difficulties available in the existing system.The existing online car spares shop is not completely computerized. The customer has to visit any ordering websites if they want to order furniture. Major problem was lack of security. The near matching samples of the new car spares yet to be processed cannot be view prior to ordering.

**DRAWBACKS OF EXISTING SYSTEM**

The existing system has following disadvantages,

* Highly suspected to data loss since all the process is handled as hard copies.
* Difficult to maintain customer order details in large scale.
* Less accuracy in maintaining the stock of the products
* Difficult in promoting the business online.
* Customer finds difficult to find the proper store.
* The traditional approach requires manual report generation.

**PROPOSED SYSTEM**

The proposed system is a web based application which is connected to a complete database. The database includes information about car spares materials, availability and payment etc…The proposed system is maintaining data through software. The proposed system helps in managing fast data processing and report generation. Customer can also cancel their order easily. The application gives utmost important to security and usability. The near matching samples of the new spares yet to be processed can be view prior to ordering. Comparison is possible if the new spares is under production. Item wise profit analysis is also carried out.

**ADVANTAGE OF PROPOSED SYSTEM**

The proposed system has following advantages,

* Searching for specified product is easier since it is online.
* Reduces traversal time between workshop/customer and company.
* User Interface is efficiently designed for minimum input.
* Orders would be verified online.
* Proper security is provided with authentication.

**SYSTEM SPECIFICATION**

**HARDWARE REQUIREMENTS**

This section gives the details and specification of the hardware on which the system is expected to work.

Processor : Intel I3

RAM : 8 GB RAM

Monitor : 17” Color

Hard disk : 1TB

Keyboard : Standard102 keys

Mouse : LOGI TECH (3 Buttons)

**SOFTWARE REQUIREMENTS**

This section gives the details of the software that are used for the development.

Front-End : HTML, CSS

Coding Language : PHP 5.4

Back-End : My-SQL 5.6

Operating System : Windows 10

**MODULE DESCRIPTION**

The project contains following modules,

**ADMIN MODULE**

* + ADMIN LOGIN
  + SUPPLIER ENTRY
  + PRODUCT ENTRY
  + SUPPLIER LIST
  + WORKSHOP OWNERS LIST
  + PRODUCT LIST
  + PURCHASE INVOICE
  + STOCK REPORT
  + ORDER/SALES PROCESSING
  + SALES INVOICE LIST

**WORKSHOP OWNER MODULE**

* + REGISTRATION
  + LOGIN
  + SEARCH PRODUCT
  + ADD TO CART
  + MY ORDERS
  + FORGET PASSWORD

**ADMIN LOGIN**

In this module, the admin user enters username and password. These details are checked against the ‘admin’ table and if matched login is made. Otherwise invalid username message will be displayed.

**SUPPLIER ENTRY**

This module is used for storing the supplier information. The details such as supplier is, company name, address, contact no, email id are stored in the table. These details are stored in the appropriate with the help of sql.

**PRODUCT CREATION**

In this module admin creates new product for sales. This product includes the information such as product id, name, purchase price, tax, selling price, rating and available stock. These details are store in database.

**SUPPLIER REPORT**

In this module admin views all the information about the saved supplier details. This includes the information such as supplier id, name, address, and contact no and email id. This information is fetched from the database.

**WORKSHOP LIST**

The workshop owner details are one of the vital information that has to be maintained by every business management; because satisfaction and relationships are the main objectives that need to be achieved for better quality of service. In this module admin views all the information about the registered workshop customer details.

**PRODUCT LIST**

In this module admin views product details. This product includes the information such as product id, name, purchase price, tax, selling price, rating and available stock. These details are taken from database.

**PURCHASE INVOICE**

In this module admin increases the product stock by purchasing the stock from the supplier. This includes the information such as seller id, product id, name, and category, purchase price, selling price, quantity and total.

**STOCK REPORT**

In this module admin views the current stock availability and product information. This includes the information such as product id, name, purchase price, tax, selling price and rating. This information is fetched from the database.

**ORDER PROCESSING**

In this module customer orders are processed by admin. Admin delivers or rejects the customer’s order after verifying the stock details. After the order has been processed the status will be mailed to the customer.

**SALES INVOICE LIST**

In this module admin views the purchase invoice list. This includes the information such as seller id, purchase value, tax value, quantity and total value.

**CUSTOMER REGISTRATION**

In this module customer register their details into the website so as make the order. This details includes the information such as customer id, name, address, contact no, email id and payment information.

**SEARCH PRODUCT**

In this module customer searches for the product using the key words. This result includes the information such as product id, name, and tax, selling price, available stock and description. This information is fetched from the database.

**ADD TO CART**

In this module customer adds the wished product to the cart by entering the required quantity and proceeding. The cart can be modified at any time till the order placement.

**MY ORDERS**

In this module customer tracks the order status by entering the order no and check status. This will be used as a future reference for the invoice list of purchased product details.