

ABSTRACT

Paint is a thick liquid substance used to decorate and protect concrete, wooden, cloth, metallic surfaces and everything you can imagine. The colors make these objects look beautiful while its basic ingredients protect them from corrosion, rust and decay.

As we look around the world we see many beautiful colors around us. Some colors are natural some are man-made. It is used to produce a beautiful work of art, in industrial coating or road surface marks to help driving or it can be used as a preventing measure for preventing corrosion or water damage.

Paint has been used by mankind since its origin. The evidence can be found in the cave paintings. The Chinese are considered to be the pioneers of manufacturing paints thousands of years ago. In modern times paint is made artificially and is used in many different ways. There are three basic things required to make paint. You need a- Pigment to get the exact color you want,-Binder to hold the paint together,-Thinner so that it can be applied easily.

The Indian Paint Industry

In India, Indian Paint industry's total market size is US\$1400 million. The organized sector of the industry is 55%. The 45% unorganized sector has about 2500 units. The big players and their market share-value of the organized sector are

- Asian Paints 37%
- Goodlass Nerolac 15.9%
- Berger Paints 13.8%

- ICI 11%
- Jenson & Nicholson 5.7%
- Shalimar 4%
- Others 12%

The market segment is divided into two sectors.

- Architectural 70%
- Industrial 30%

The total volume of the market is 600,000 MT.

There are different types of paints available today. Till the 19th century the word paint was used to describe oil-bound types only. The paints bound with glue were called distemper. For farmhouses and cottages an alternative was found and was called lime wash or color wash.

Different things need different paints. The interior of the house is painted by different type of paint than the exterior of the house. Automobiles use different type of paint. The industrial paint is different than marine paint. Now colors are made by using different ingredients for specific surfaces.

For example enamel paint, when dries it becomes especially hard and usually has glossy finish. The term enamel paint today means hard surfaced paint and usually it is used in reference to paint floor coatings of a gloss finish or spray paints. It can be used for concrete, stairs, porches and patios. Fast dry enamel is ideal for refrigerators, counters and other industrial finishes. High-temp enamel may be used for engines, brakes and exhaust. Enamel is also used on wood to make it water resistant.

1.2 PROJECT OVERVIEW

This project is meant for maintaining Supreme Hardware (India) administration, which deals with huge amount of data related with wide range of Hardwares with different companies.

This “**HARDWARE TRADING MANAGEMENT SYSTEM**” system has twelve main modules. They are

- ❖ Product Master
- ❖ Customer Master
- ❖ Supplier Master
- ❖ Purchase
- ❖ Sales
- ❖ Credit Purchase Payment
- ❖ Credit Sales payment
- ❖ Credit Purchase Payment View
- ❖ Credit Sales payment View
- ❖ Stock
- ❖ Report
- and
- ❖ Exit

In first module consists of a form for entering Hardware information. It includes the following fields Product_Code, Product_Name, Colour, Company, UOM, Price, Qty_on_hand, ROL_qty.

The second module used to feed information related to different customers. It process the following information such as Customer_ID, Contact_Name, Address, Contact_No, Email_ID.

Third module depicts a form for entering supplier details with the following information Supplier_id, Company_name, Contact_name, Address, Conduct_no1, Conduct_no2, Email_id.

The fourth module depicts a form for entering purchase information. It deals with the following fields of information such as Invoice_no, Company_name, Address, pur_date, Tot_bill_Amt, pay_mode in purchase_master and Product_Code, Product_Name, Colour, Company, UOM, Price, Qty, Amount in Purchase_detail.

The fifth module depicts a form for entering sales information. It deals with the following fields of information such as Bill_no, Customer_name, Customer_Address, Sales_date, Net_Amount, pay_type in sales_master and Product_Code, Product_Name, Colour, Company, UOM, Price, Qty, Amount in sales_detail.

Sixth module, Credit Purchase Payment gives the following fields Purchase_id, Supplier_name, Total_Amt, Balance in Account_master and AC_id, Purchase_id, Amount_paid, Date_Paid in Account_detail.

The Seventh module, Credit Sales Payment gives the following fields Bill_No, Customer_name, Total_Amount, Balance in SalesAC_master and AC_id, Bill_no, Amount_paid, Date_Paid in SalesAC_detail.

The eight modules, Credit Purchase Payment give the various transactions that are carried out in credit purchase payment.

The ninth module, Credit Sales Payment gives the various transactions that are carried out in credit sales payment.

Tenth module, Stock, gives information related to Hardware stock.

The eleventh module, Report, has reports for Stock, Purchase, Sales, Customer and Supplier.

And the final module is for exiting from the software.