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Inventory Management System (IMS)

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ABSTRACT: In today's world, many things are carried out digitally and many are adopting. There are some small MSME entrepreneurs who need system or software to maintain their goods in inventory. Our inventory management system will help them their products to maintain through their computer system. An inventory system's main function is to keep track of your products and supplies. When you buy inventory, you need to keep track of when you bought it, when you sold it, and how much you have on hand. It also tells you where your inventory is. An inventory management system can aid in the administration of your company's inventory and stock items, allowing you to keep track of where your assets are located and how much they're worth. The technology may also analyse your company's inventory requirements and automate your ordering.

KEYWORDS: Inventory, Inventory Management System, Goods system, Goods Management System.

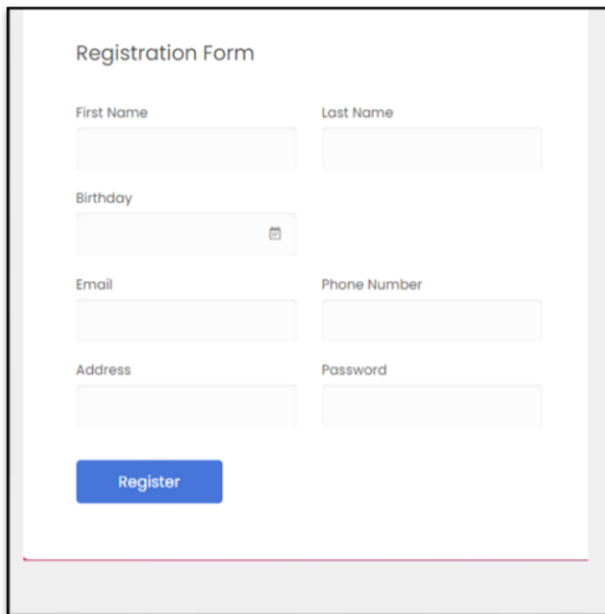
I. INTRODUCTION

IMS keeps track of objects or materials of the store. Properly managing inventory is essential to the success of every entrepreneurs. IMS provides information to efficiently manage the flow of materials, effectively utilize people and equipment and communicate with customers. In the current situation of India few stores are automated and some are semi-automated and many are still having manual system for keeping the record of inventory. In Hand written inventory system is quite time consuming and tedious Semi automated system is also not well organized.

II. METHODOLOGY

Registration

User can register as new user by registering essentials data shown on figure 1 in registering form. After that user can login as shown in figure 2.



Registration Form

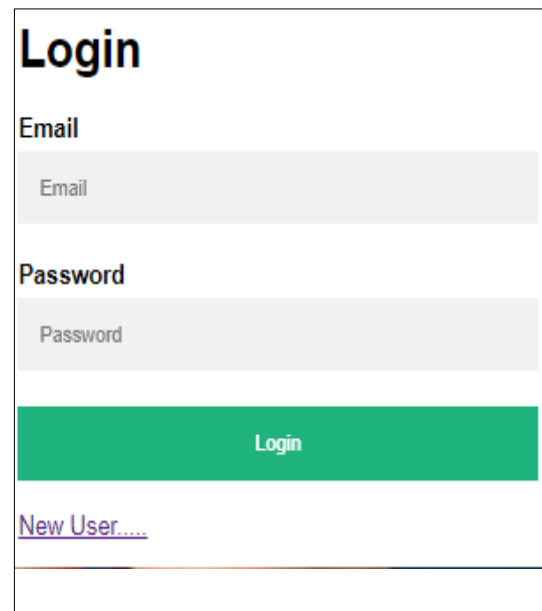
First Name Last Name

Birthday

Email Phone Number

Address Password

Figure 1



Login

Email

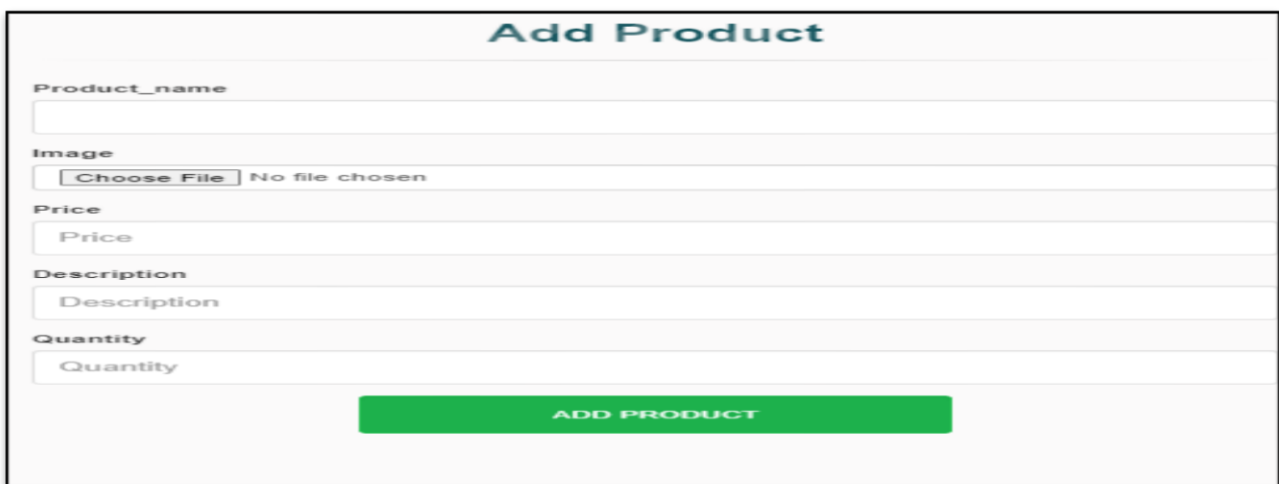
Password

[New User.....](#)

Figure 2

Adding Product

In product only and only admin can add product. Admin can add different product which admin wants to add in inventory as shown in figure



Add Product

Product_name

Image No file chosen

Price

Description

Quantity

Figure 3

View User

In view user, admin can view how many users are there and can delete user also as shown in figure 4.

ID	First_Name	Last_Name	DOB	Email	Address	Contact	Delete
2	rutwik	shetty	05/04/2007	yk674616@gmail.com	0000000000	pune	Delete
3	Meher	tank	06/06/2022	mehertank1911@gmail.com	0000000000	pune	Delete

Figure 4

View Payment

In View Payment, admin can check payment details which user has done as shown in figure 5. By clicking view in Payment Debt admin can see complete data of particular user’s particular customer’s payment history shown in figure 6.

View Payment										
« Back		« Logout								
Id	PName	Price	Description	Quantity	User_Name	Email	Contact	Address	Payment_option	Payment_Debit
1	art	156	nice image	1	Madhuri karande	karandemadhuri109@gmail.com	pune	9685741236	Bycash	View
70874	art	156	nice image	1	Madhuri karande	karandemadhuri109@gmail.com	pune	9685741236	DebitCard	View
70875	mobile	9000	Light Blue, 4GB RAM, 64GB Storage	1	e	yk674616@gmail.com	eee	eee	Bycash	View
626492	art	156	nice image	2	eee	yk674616@gmail.com	pune	eee	DebitCard	View
626493	art	156	nice image	2	eee	yk674616@gmail.com	pune	eee	Bycash	View

Figure 5

« Back											
P_ID	Pname	Price	Quantity	User_Name	Email	Payment_Option	Holder_Name	Acc_Number	IFSCCode	Bank Name	Branch
70874	art	156	1	Madhuri karande	karandemadhuri109@gmail.com	DebitCard	madhuri karande	968574123654	BKID0000729	SBI	Akurdi

Figure 6

View Enquire

In view Enquire, admin can check is there any customer having any queries and can solve that problem as shown in figure 7.

ID	Name	Email	Subject	Message	Delete
2	Meher Tank	mehertank1911@gmail.com	Product Equirey	do you have DogeCoin ...	Delete

Figure 7

View product

In view product, user or employer can use this to check product as shown in figure 8.

View All Product					
« Back					
PID	productName	Product Image	Price	Description	Quantity
1	mobile	View_Product	9000	Light Blue, 4GB RAM, 64GB Storage	4
2	art	View_Product	156	nice image	7

Figure 8

Home Screen



Figure 9: Customer



Figure 10: Admin

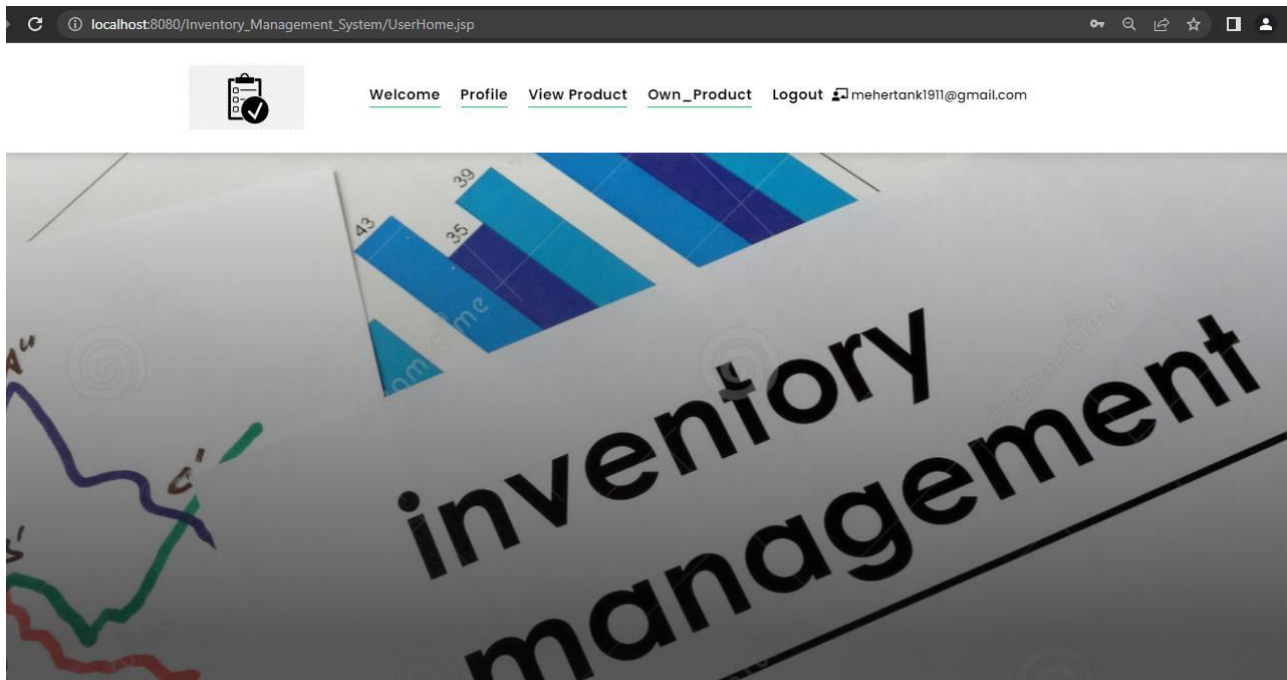


Figure 11:User

III.RESULTS AND DISCUSSION

Software technologies used

1. Eclipse
2. MySQL
3. Chrome Browser

Features

1. Free to use
2. 24x7 available for users
3. Digital platform

Advantages

1. Easy to use for everyone.
2. Cross platform website, so it will work on laptop and smartphone.
3. Provides platform for entrepreneur where they can get knowledge and experience.

IV.CONCLUSION

We have successfully developed "IMS" (a free Inventory Management website). The aim of our website is to provide a free digital platform for entrepreneur. IMS provides various functionality to its entrepreneur like they can check product and customers quires. After deployment of the project IMS, we believe that our website will help many entrepreneur to carry on their daily inventory records.

ACKNOWLEDGEMENTS

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