

PROFESSIONAL TRAINING REPORT
at
Sathyabama Institute of Science and Technology
(Deemed to be University)

Submitted in partial fulfillment of the requirements for the award
of Bachelor of Technology Degree in Information Technology

By

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SCHOOL OF COMPUTING
SATHYABAMA INSTITUTE OF SCIENCE AND
TECHNOLOGY
JEPPIAAR NAGAR, RAJIV GANDHI SALAI,
CHENNAI – 600119. TAMILNADU

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SATHYABAMA

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(DEEMED TO BE UNIVERSITY)

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SCHOOL OF COMPUTING

BONAFIDE CERTIFICATE

This is to certify that this Project Report is the Bonafide work of who carried out the project entitled "FARMER VENDORY MANAGEMENT SYSTEM" under our supervision from August 2021 to November 2021.

Internal Guide

Dr. Sendurusrinivasulu Sir M.TECH., Ph.D.,

Head of the Department

Dr. R. Subhashini M.E., Ph.D.,

Submitted for Viva voce Examination held on _____

Internal Examiner

External Examiner

DECLARATION

I hereby declare that the Project Report entitled "**RETAIL MANAGEMENT SYSTEM**" done by me under the guidance of Dr. Sendurusrinivasulu Sir, at Sathyabama Institute of Science and Technology (Deemed to be University), Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai - 600119 is submitted in partial fulfillment of the requirements for the award of Bachelor of Technology degree in Information Technology.

DATE: 12/11/2021

Place: Chennai

SIGNATURE OF THE CANDIDATE

ACKNOWLEDGEMENT

I am pleased to acknowledge our sincere thanks to Board of management of **SATHYABAMA** for their kind encouragement in doing this project and for completing it successfully. I am grateful to them.

I convey our thanks to **Dr. T. SASIKALA M.E., Ph.D., Dean, School of Computing** and **Dr.R.SUBHASHINI M.E., Ph.D., Head of the Department, Department of Information Technology** for providing us the necessary support and details at the right time during the progressive reviews.

I would like to express our sincere and deep sense of gratitude to our Project **Dr.Dr. Sendurusrinivasulu Sir M.TECH., Ph.d.,** for his valuable guidance, suggestions and constant encouragement paved way for the successful completion of my project work.

I wish to express our thanks to all Teaching and Non-teaching staff members of the Department of **INFORMATION TECHNOLOGY** who were helpful in many ways for the completion of the project.

ABSTRACT

RETAIL MANAGEMENT SYSTEM

A Retail management system sells various types of hardware and software accessories such as Phone ,Laptop, Antivirus and Keyboard etc. It's very hard for the shopkeeper to remember their cost price and in what price these items to be sold. As the market goes up and down for various products daily, so there should be some proper medium through which prices of these items can be changed frequently without any problem. There are many customers who will make their payment online, so there should be a medium to take their credit card as input and reduce exact amount from their account. This computer Retail management system will enable its user's keep their customers report secure, so that next time these customers when arrive to their shop, do not have to enter their details again. Buyers will also able to select products options while purchasing through computer screen and can make their payment from that particular screen and pick up their materials which they have selected at the pickup center within the shop.

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CHAPTER 1

INTRODUCTION

1.1 GENERAL

Retail Management System is based on the concept of managing the record of small shops on regarding their employers and items. There are no login features in this simple application. This project contains limited features, but the essential one.

Talking about the features of the Retail Management System, the user can enter entries of their items and employers as well. In order to add records of items, the user has to provide item quantity, production number, total cost, selling price and name. Likewise, the user has to enter an employer's salary, name, and the number of employers in order to record the employer's details. Besides, the user can search and modify the product, employers details easily. The last feature is about viewing the total profit of their items.

The system creates an external file to store the user's data permanently. Retail Management system is developed using Zoho creator Programmingscript Language and different variables, strings have been used for the development of it. Retail Management System in with source code is free to download

1.2 OUTLINE OF THE PROJECT

Machine Learning studies consist of different challenges when aiming to build a high-performance predictive model. It is crucial to select the right algorithms to solve the problem at hand, and in addition, the algorithms and the underlying platforms need to be capable of handling the volume of data. This project mainly focuses on creating a crop recommendation system using Machine learning algorithm to predict which crop can give a better yield with the conditions of a particular state or country. By applying Random forest algorithm in Machine learning model to train a dataset containing details like rainfall, pH

value, humidity and temperature, we can recommend the crop suitable for a particular area

CHAPTER 2

AIM AND SCOPE

2.1 AIM

The main objective of this project is to reduced the burden of the shopkeeper. In the sections of entities, profit,discount,modifying the product the employee database etc..

2.2 PROBLEM STATEMENT

Due to the illiteracy of the shopkeeper they face lot of financial crisis. This project is designed so as to help the farmers to get a better idea on which product they will have to invest to get a better profit and make profit out of it for their living.

2.3 SCOPE

The scope of project 'Computer-Retailmanagement system' is to DevelopZohocreator based software to support for daily sale, receipt & Balance of products and maintain the all information of System related items. This software will be very useful for the small Computer Shop as well as the customer. It will perform as the required task of Automation of product by itself in a systematic way. It will also save lots of time, as system will perform all tasks in quick time profiting customer and shop owner as well, so it will prove very economic

.

CHAPTER 3

RESULTS AND DISCUSSION

3.1 SYSTEM REQUIREMENTS

- Operating System: Windows/Mac
- RAM: 4GB
- Processor: 64x 1.0Ghz processor
- ROM: 8GB

3.2 RESULT

The system creates an external file to store the user's data permanently. Retail Management system is developed using Zohocreator ,scripting Language and different variables, strings have been used for the development of it.

CHAPTER 4

CONCLUSION

4.1 CONCLUSION

As this Retail Management system will also help the vendor to keep track of number of products available, time of purchase. If any products whose total number will be less than 2 will comes under the blue zone indicating it's time to purchase that product. It will also display other details such as last time when

it is purchased, at what price it was purchased, from where it is purchased, total number of products which was purchased last time.

Administrator can also make changes in the billing process, such as increase or decrease in service tax value, discount to be given to the customer on particular product. Making changes in billing process as per user requirement or for other business rules.

4.2 PROGRAMMING LANGUAGES USED

Scripting language, data usage..

CHAPTER 5

APPENDIX

A.Source code:

```
if(row.Items != NULL)

{

    (input.Order_bill.Items = "Milk")

{

    input.Order_bill.Amount = 30;
```

```
}

else if(input.Order_bill.Items = "Ghee")

{

    input.Order_bill.Amount = 35;

}

else if(input.Order_bill.Items = "Bread")

{

    input.Order_bill.Amount = 10;

}

else if(input.Order_bill.Items = "Wheat Bread")

{

    input.Order_bill.Amount = 15;

}

else if(input.Order_bill.Items = "Onion")

{

    input.Order_bill.Amount = 20 ;

}

else if(input.Order_bill.Items = "Tomato")

{
```

```
        input.Order_bill.Amount = 15;

    }

    else if(input.Order_bill.Items = "Potato")

    {

        input.Order_bill.Amount = 15;

    }

    else if(input.Order_bill.Items = "Carrot")

    {

        input.Order_bill.Amount = 10;

    }

    else if(input.Order_bill.Items = "Cumcumber")

    {

        input.Order_bill.Amount = 10;

    }

    else if(input.Order_bill.Items = "Small Onion")

    {

        input.Order_bill.Amount = 30;

    }

    else if(input.Order_bill.Items = "Beens")
```

```
{  
  
    input.Order_bill.Amount = 10;  
  
}  
  
else if(input.Order_bill.Items = "Coconut")  
  
{  
  
    input.Order_bill.Amount = 15;  
  
}  
  
else if(input.Order_bill.Items = "Banana Leaf")  
  
{  
  
    input.Order_bill.Amount = 10;  
  
}  
  
else if(input.Order_bill.Items = "Brinjal")  
  
{  
  
    input.Order_bill.Amount = 15;  
  
}  
  
else if(input.Order_bill.Items = "Drum Stick")  
  
{  
  
    input.Order_bill.Amount = 10;  
  
}
```

```
}
```

CALCULATION

```
if(row.Items != NULL)
```

```
{
```

```
    row.Total_value=row.Amount * row.Qauntity;
```

```
}
```

```
gt = 0.0;
```

```
for each rec in Order_bill
```

```
{
```

```
    gt = gt + rec.Total_value;
```

```
    input.grand_total = gt;
```

```
}
```

B.SCREENSHOTS

Zoho Creator

creator.zoho.in/appbuilder/priyadharshini.pcy/mani-jolibavan/workflowbuilder/bill2/edit

Apps Gmail YouTube Maps

Retail Management- bill

Orders > Created > User input of Order bill.Items

Actions will be executed on input of a value. Learn more

Deluge

Syntax Assist ☒ Versions Refer Fields

Execute without condition

fx Deluge script

```

1 if(row.Items != NULL)
2 {
3   if(row.Items = "Ghee")
4   {
5     row.Amount=60;
6   }
7   else if(row.Items = "Onion")
8   {
9     row.Amount=25;
10  }
11  else if(row.Items = "Coconut")
12  {
13    row.Amount=15;
14  }
15  else if(row.Items = "Milk")
16  {
17    row.Amount=30;
18  }
19  else if(row.Items = "Eggs")
20  {
21    row.Amount=10;
22  }
23  else if(row.Items = "Curd")
24  {
25    row.Amount=25;
26  }
27  else if(row.Items = "wheat bread")
28  {
29    row.Amount=10;
30  }

```

Condition

- if
- else if
- else
- conditional if

Data Access

- add record
- fetch records
- aggregate records
- update records
- for each record
- delete records

Client Functions

- hide | show
- enable | disable
- add | append item

Update Cancel

Here is your Smart Chat (Ctrl+Space)

1201 25-09-2021

Zoho Creator x +

creator.zoho.in/appbuilder/priyadharshini.pcyr/mani-jolibavan/workflowbuilder/calculation/edit

Apps Gmail YouTube Maps Reading list

Retail Management-calculation

Deluge Script

Orders > Created or Edited > User input of Order bill.Quantity > calculation

Deluge

Syntax Assist On Versions Refer Fields

Execute without condition

fx Deluge script

```
0 if(row.Items != NULL)
1 {
2   row.Total_value=row.Amount * row.Quantity;
3 }
4 gt = 0.0;
5 for each rec in Order_bill
6 {
7   gt = gt + rec.Total_value;
8   input.grand_total = gt;
9 }
10
11
```

Condition

- if
- else if
- else
- conditional if

Data Access

- add record
- fetch records
- aggregate records
- update records
- for each record
- delete records

Client Functions

- hide | show
- enable | disable
- add | append item

Update Cancel

Here is your Smart Chat (Ctrl+Space)

Type here to search

1203 25-09-2021

C.OUTPUTS:

Zoho Creator - Retail Management x

creatorapp.zoho.in/priyadharshini.pcyr/mani-jolibavan/#Form:Orders

Apps Gmail YouTube Maps Reading list

Retail Management- Edit this application Help

Retail Management-

Orders

Orders

Orders Report

Orders

Date 25-Sep-2021

Bill.no

Name

First Name Last Name

Phone +91 81234 56789

Order bill

*Items	Amount	Qauntity	Total
--------	--------	----------	-------

+ Add New

Section

Grand Total

Submit Reset

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Type here to search

1204 25-09-2021

Zoho Creator - Retail Manage
+

creatorapp.zoho.in/priyadharshini.pcyr/mani-jolibavan/#Report:Orders_Report

Apps
Gmail
YouTube
Maps
Reading list

Retail Management-
Edit this application
Help

Retail Management-

Orders Report
Save Changes
Remove Changes

Orders

Orders

Orders Report

SORTING
Bill.no

☐	Name	Order bill	Phone	Date	Bill.no	Grand Total
☐	Nithya M	Eggs Bread	+919534654355	24-Sep-2021	1	67
☐	priya	Milk Bread Ghee	+917957554430	24-Sep-2021	2	160
☐	priyaram varma	Carrot Curd Tomato	+919543265432	24-Sep-2021	3	340
☐	suhana rakesh	Ghee Milk Small Onion	+918123456789	25-Sep-2021	4	130
☐	swetha mave	Milk Eggs Tomato	+919087876543	24-Sep-2021	5	150

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Showing 5 of 5

Show Summary

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