{Icecream Parlour}

A project report submitted to
Rajiv Gandhi Proudyogiki Vishwavidhyalaya, Bhopal
towards partial fulfillment of
the degree of
MASTER OF COMPUTER APPLICATION
{2nd year}

Submitted by:
{Laxmi Patidar}

Guided By:
Mr. Upendra Singh
Department of Computer
Technology & Applications

Department of Computer Technology & Applications
SHRI G.S. INSTITUTE OF TECHNOLOGY AND SCIENCE
INDORE (M.P.)

SHRI G.S. INSTITUTE OF TECHNOLOGY AND SCIENCE
INDORE (M.P.)

Recommendation

The project report entitled **"*Icecream Parlour*"** submitted by **{Laxmi Patidar**} students of MCA second year in the session 2020-21, towards partial fulfillment of the degree of **Master of Computer Applications** of Rajiv Gandhi Proudyogiki Vishwavidhyalaya, Bhopal, is a satisfactory account of {her} work and is recommended for the award of degree**.**

{Upendra Singh }
Project Guide
Department of Comp. Tech. & Application

Dean(Academics)
S.G.S.I.T.S.,Indore

SHRI G.S. INSTITUTE OF TECHNOLOGY AND SCIENCE
INDORE (M.P.)

Certificate

The project report entitled **"*Icecream Parlour*"** submitted by **{Laxmi Patidar**} students of MCA Second year in the session 2020-21, towards partial fulfillment of the degree of **Master of Computer Applications** of Rajiv Gandhi Proudyogiki Vishwavidhyalaya, Bhopal, is a satisfactory account of their work and is approved for award of the degree.

Internal Examiner
Mr. Upendra Singh

Date
21/12/2020

Acknowledgement

We are heartily pleased to acknowledge all those people who have helped us in the successful completion of this project. With great pleasure we express our heartfelt gratitude to our esteemed guide, **Mr. Upendra Singh** Lecturer Department of Computer Technology & Application, S.G.S.I.T.S. Indore. His persistent encouragement, perpetual motivation, everlasting patience and valuable technical inputs in discussions have enabled the successful completion of this project. His invaluable help, advice and constant encouragement helped us a lot and provide impetus to the progress of the project. We extend our profound indebtedness to the Head of the department **Ms. Sunita Varma,** the word loose their worth for her invaluable guidance, continuous encouragement and cooperation in every respect.

We sincerely wish to express our gratitude to all the members of staff of M.C.A. who have extended their cooperation at all times and have contributed in their own way in developing the project. Successful completion of a project is not an individual effort. It is an outcome of the cumulative effort of a

number of persons, each having his own importance to the objective. We are thankful to our parents for being a constant source of encouragement in all our endeavors. Indeed it is their support that helps us through the ups and downs of life. The support and suggestion of our friends are worth appreciation and thankfulness. *A blend of gratitude, pleasure, great satisfaction and indebtedness is what, we feel to convey to all those who have directly or indirectly contributed to the successful completion of our project work.*

{Laxmi Patidar}

Abstract

Icecream is one of the delicious and testy item,which is very popular worldwide. the goals of the icecream project are to extend the notation of interaction, to exploit ,domestic activitiesand familiar settings, and to make user environmet part of the visual experience

A simple technology involvement for production, easily availability of machinary and easy handling are supporting factor for any new enterprenure , institution and cooperation to take up the pragram by which they can earn substantial surplus and provide employment to othe livelihood.

I am creating a project which will provide information regarding various flavours of icecream .it will provide
various features:
User will be able to chose their flavour .

it will provide information regarding various icecream

Table of Contents

Chapter 1
Introduction

- **Objective:**

The objective of this project is to develop a product (such as Choclate,pista icecream,etc) can be bought from the comfort way

A good project is one that does the best job possible of converting the visitors to subscribers to customer and we are trying our best to provide u with all these facility.

- **Scope**

The software can be used to increase efficiency of customer.
The benefits of this software is easily getting the product.

Chapter 2
Literature Survey/ Conceptual Framework

This project icecream parlour for icecream is developed using notepad .this project is prepared to help the admin to maintainthe day to day operations

modules of icecream parlour

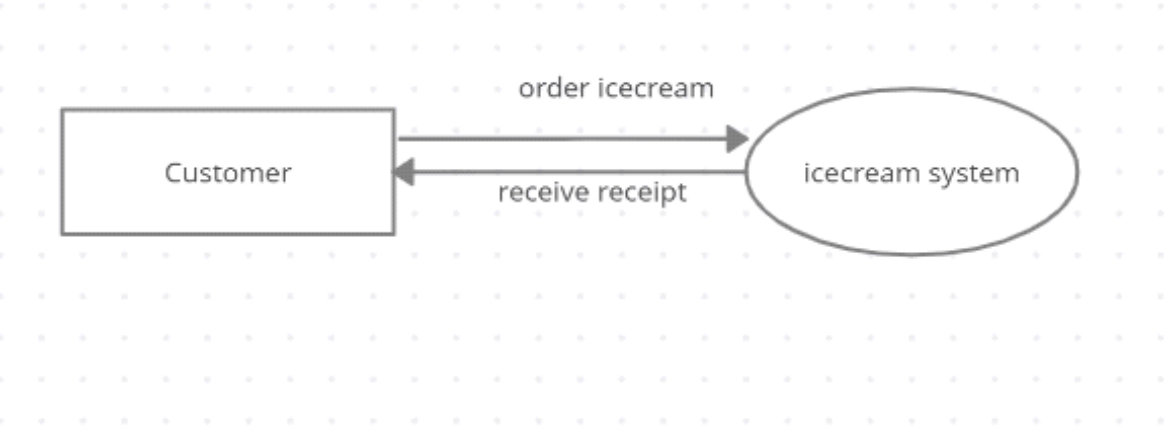
Flavour: This module is capable of adding varieties of flavour to which the product belongs to

Catagories:this module is capable of adding different types of catagories of icecream.

order: This module is capable of adding the customer order details

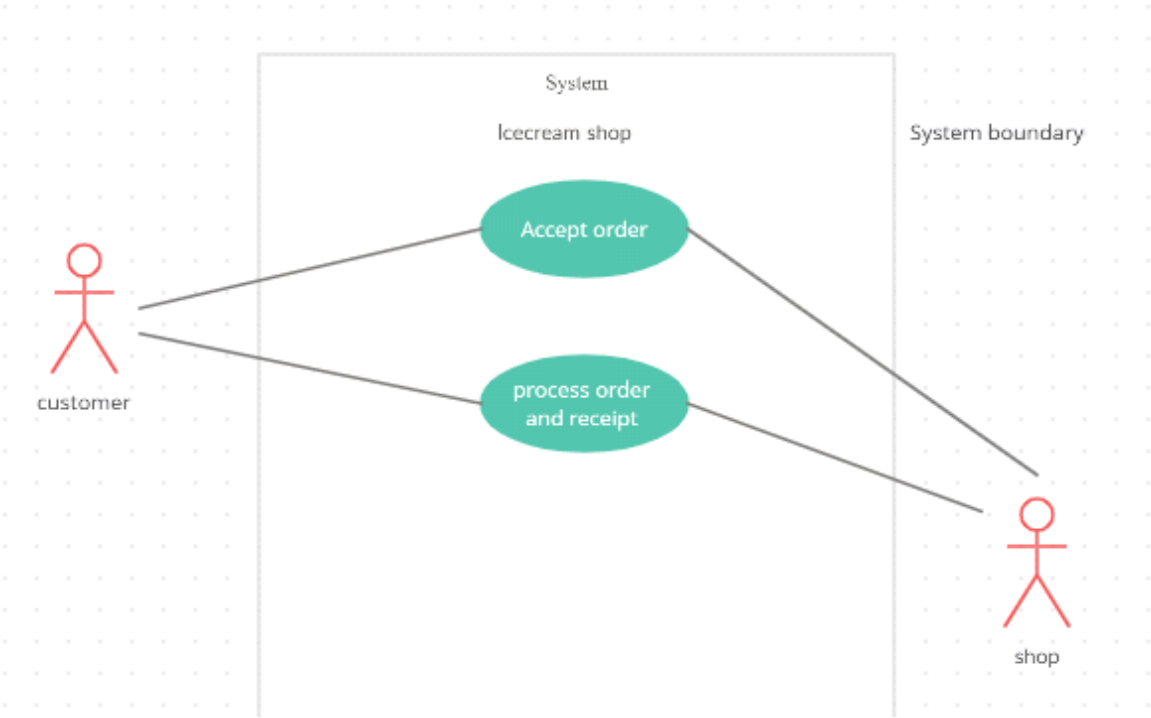
Chapter 3
Analysis

3.4.1 Data Flow Diagram



Data flow diagram

Use case digram:



Use case diagram

3.2 Feasibility Study

Technical Feasibility:-the hardware and software which i used in my project easily available in every configuration of the system.

Economicn Feasibility:- This project is being prepared by us for learning purpose.

Chapter 4

4.1.1 Hardware Requirements:

Processor,monitor.

keyboard,mouse.

4.1.2 Software Requirements:

Operating system
Browsers

Appendix A
Screen Shots

```
import java.util.Scanner;
//main class
class Icecreampar
{
   public static void main(String args [])
   {
    Icecream ob=new Icecream();                          //create an object
    do{                                          //do while start
    ob.listitem();
    System.out.println(".....THANKYOU!.....");
    }while(true);
   }
}


 class Icecream
{
   // INPUT OBJECT.

   Scanner sc=new Scanner(System.in);


//  STRING ARRAY DECLERTION
   String array[]={"Apple ","Vanilla","chocolate","Strawberry","pistachio"};
```

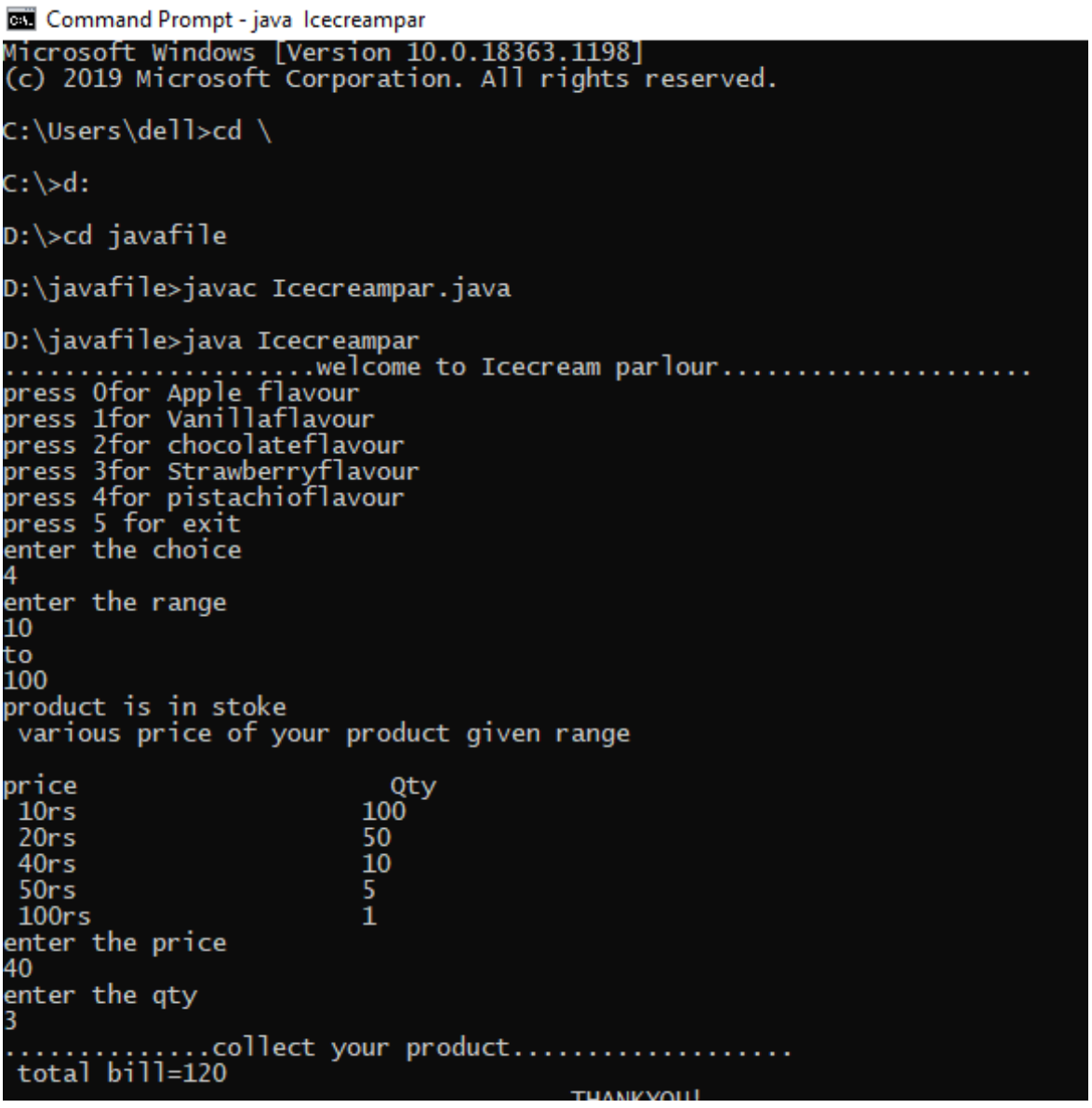
```
//  price array decleartation

  public int Apple[]={10,25,50,70,150};
   public int Qtyofa[]={100,50,10,5,1};

   public int Vanilla[]={20,50,80,100};
public int Qtyofv[]={140,50,10,5,};

    public int chocolate[]={20,40,80,100};
public int Qtyofch[]={130,50,10,5};

 public int Strawberry[]={20,50,70,100};
public int Qtyofs[]={120,50,10,5};

 public int pistachio[]={10,20,40,50,100};
public int Qtyofp[]={100,50,10,5,1};



//CONSTRUCTOR

   Icecream()
   {

      System.out.println(".....welcome to Icecream parlour.....");
   }

// ITEM LIST METHOD
   public  void listitem()
    {
       for(int i=0;i<array.length;i++)                        //for loop
       {
        System.out.println("press "+ i + "for " + array[i]  + "flavour ");  //print the choice of
flavour
       }
        System.out.println("press 5 for exit ");                      //for exit

      input();                //input method call
    }
// INPUT METHOD
   public void input()
   {
      int ch;                       //declarationof variable
      System.out.println("enter the choice");         //for input
      ch=sc.nextInt();
```

```
      sale(ch);                //sale method call
    }
// SALE METHOD
    public  void sale(int x)                        //sale method define
     {
       int startrange,endrange;                      //variable declaration
        switch(x)                                  //switch case start
       {
         case 0:  System.out.println("enter the range");                  //ask range
                  startrange=sc.nextInt();                    //starting range
                  System.out.println("to");
                  endrange=sc.nextInt();                       //ending range
                  cheak(array[0]);                            //check method
                  range(startrange,endrange,Apple,Qtyofa,x);       //range method call
                  break;
           case 1:  System.out.println("enter the range");
                           startrange=sc.nextInt();
                  System.out.println("to");
                  endrange=sc.nextInt();
                  cheak(array[1]);
                  range(startrange,endrange,Vanilla,Qtyofv,x);
                  break;
             case 2:  System.out.println("enter the range");
                           startrange=sc.nextInt();
                  System.out.println("to");
                  endrange=sc.nextInt();
                  cheak(array[2]);
                  range(startrange,endrange,chocolate,Qtyofch,x);
                  break;
             case 3:  System.out.println("enter the range");
                           startrange=sc.nextInt();
                  System.out.println("to");
                  endrange=sc.nextInt();
                  cheak(array[3]);
                  range(startrange,endrange,Strawberry,Qtyofs,x);
                  break;
           case 4:  System.out.println("enter the range");
                           startrange=sc.nextInt();
                  System.out.println("to");
                  endrange=sc.nextInt();
                  cheak(array[4]);
                  range(startrange,endrange,pistachio,Qtyofp,x);
                  break;
           case 5: System.exit(0);
           default:System.out.println("You have entered Wrong  choice\n");
                 System.out.println("Please enter the Correct choice ");
```

```
                break;

        }
    }

// STOKE cheaking METHOD

  public void cheak(String s)
   {
     for(int i=0;i<array.length;i++)
     {
          if(array[i]==s)
          {
             System.out.println("product is in stoke");
             break;
          }
      else
       {
         if(i==array.length)
            {
              System.out.println("product is out of stock");
            }
       }
     }

   }
// RANGE COMPARE
  public void range(int x,int y, int []a,int []b,int j)
   {
     System.out.println(" various price of your product given range");
    System.out.println("");
    System.out.println("price \t\t\t  Qty ");
     for(int i=0;i<a.length;i++)
     {

       if(x<=a[i])
       {

         System.out.println(" " + a[i] + "rs" + "\t\t\t" + b[i]);
       }
       if(a[i]>y)
         {
            break;
         }

     }
```

```
 System.out.println("enter the price");
int ch1=sc.nextInt();                    //enter price of icecream
 System.out.println("enter the qty");        //how many quantity you want
int qty=sc.nextInt();
System.out.println(".............collect your product..... ");
System.out.println(" total bill=" + (qty*ch1));

 }
 }
```

Output:



References:

Google: w3schools,javatpoint