A

PROJECT REPORT

ON

"IceCream Parlour System"

FOR

Arts, Commerce & Science College, Sonai

SUBMITTED TO SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE BY

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Under the Guidance of

Shri.Bahirat Sir

IN PARTIAL FULLFILLMENT OF BACHELOR OF COMPUTER APPLICATIONS FOR THE

ACADEMIC YEAR

2020-2021

Mula Education Society's

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Affiliated to Savitribai Phule Pune University (I.D.PU/AN/ASC/031/1989)
NAAC REACCREDITED 'A' GRADE   and   ISO 9001 : 2008 CERTIFIED

Date:

CERTIFICATE

This is to certify that **Miss.Rashinkar Priyanka .B & Miss.Karkhele Sukanya. B** rebonafide students of **Arts, Commerce and Science College, Sonai** have successfully completed the Mini project work as prescribed by the SavitribaiPhule Pune University, Pune in the partial fulfillment of the requirement of Third Year, Bachelor of Business Administration (Computer Application). Program for the academic year **2020-2021**.

The Project Work titled as "IceCream Parlour System"

Shri.Bahirat Sir

Project Guide

Dr. S.R. Darandale

H.O.D.

ExternalExaminer

InternalExaminer

ACKNOWLEDGEMENT

At every outset we express my gratitude to almighty lord for showering his grace and blessings upon me to complete this project.

Although our name appears on the cover of this book, many people had contributed in some form or the other form to this project Development.We could not do this project without the assistance or support of each of the following we thank you all.

We wish to place on my record my deep sense of gratitude to my project guide, for his constant motivation and valuable help through the project work. Express my gratitude to **Dr. LawareS.L.(Principal)**and**Prof.Chopde(H.O.D.)**of**Arts,Commerce&ScienceCollege, Sonai** for her valuable suggestions and advices throughout the **B.B.A(CA)** course. We also extend my thanks to other faculties for their Cooperation during my Course.

Finally, we would like to thank my friends for their co-operation to complete this project.

Miss. Rashinkar Priyanka B

Miss. Karkhele Sukanya B

Declaration

We hereby declare that the project work entitled, "**IceCream Parlour System"** submitted under the guidance of **Shri. Bahirat Sir** is our original work completed under the four walls of our institute.

The Report submitted is our own work and has not been duplicated from any other source. We shall be responsible for any unpleasure moment/situation.

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__Introduction__

   It is being a result of patience, hard work & mutual understanding; it is our great pleasure to represent this project on **"Ice Cream Parlour System".**

Everyone needs some where to fallback upon sometimes. And we are not an exception. The completion of this project is the result of immense, heartfelt advice and suggestions, from various people in various fields no matter how small they might seem to be.

   This project helps to reduce paper work,time ,cost etc.

Many things helps us to bring the right information required for project completion.

    The patience, advice and encouragement of our Hostel friends in general had been too helpful to be neglected. Wondering what would happen without them. We heartily like to express our gratitude to them too.

EXSTING SYSTEM AND IT'S LIMITATIONS

Now, if we take an overview of manual account system for Ice Cream Parlour then we will see that there is lots of heavy work for accountant to do just like finding information about customer and Products etc.

In this, lots of time was wasted. In this there are chances of making mistakes while collecting information or some time an information may not found. So this is the main drawback of manual account system.

Also it take lots of time to make a paper work. It has drawback that information is less durable. If any disaster happens there is chances to loss the records.

➢ The existing system doing all process manually.
➢ The personnel should refer all the records kept for years ago to simply know details .this is so tedious and time consuming.
➢ This existing system is difficult when number of users increasing.

Need For System:

❖ Accurate processing of information
> When data is handled manually there are more chances of mistakes in calculations. So we need to design such electronic system.

❖ Genuine processing of information
> In manual handling of data there are also chances of intentional manipulation of entry values.

❖ Keeping track of old data efficiently

                For effectively and faster accessing record of a particular instance we need such electronic system.

❖ Storage of information

                To store the old records of distributor and their details, we need storage of information. Effective Backup in such case is possible with the help of computerized system only.

SCOPE OF THE PRAPOSED SYSTEM

The Scope study is useful to evaluate the cost and benefits of the system requested .the feasibility study try to anticipate future condition of software development .there are few major aspects in scope study like technical scope and economical scope.Major advantages of proposed system over manual system are:

1. Time sharing
2. Rapid information processing
3. Accurate report generation
4. Less paper work
5. Fast & reliable information distribution
6. Reduction in cost

    .

OBJECTIVES

➢ This System Will help employee of Parlour, owner, and as well as costumers.

➢ To reduce paper work and human efforts.

➢ It is designed such a way that owner can view all the updates of the Parlour.

- ➢ The software will help in easy maintaining and updating products.
- ➢ Also quick and easy comparison of different products for the customers.

REQUIRMENTS

Software and Hardware are the two sides of one coin i.e software without hardware is of no use and hardware software is also useless.so our system requirement are divided into hardware and software requirement .

Hardware Requirements:-

RAM - 2GB.

Hard Disk - 320GB

Mouse - Microsoft compatible.

Printer - Laser

Keyboard - Standard 101/102-key keyboard

Software Requirements:-

Operating System - Windows XP/ WINDOWS 7/8/10.

Back End Tool - MS ACCESS

Front End Tool - VB 6.0.

System Analysis

2.1 Fact Finding Techniques:

To study the system we need to collect facts i.e. gathering information about the system. The proper use of tools for gathering information is the key to success analysis.

Various fact finding techniques are:-

- Interview.
- Record Review.
- Questionnaire
- Observation.

Analyst implements any one of these techniques to develop a system which is accurate & comprehensive.

We used the following Fact Finding Technique:

- Questionnaire
- Observation

Questionnaire:-

A questionnaire is a perform a containing a sequence of questions to collect information from a user. The questions are clear & simple & to the point. The success of collecting data through a questionnaire mainly depends on how skillfully & imaginatively the questionnaire has been designed.

For collecting the information about the System we have visited some shops and asked about their systems by asking some questions.

Observation:-

Observation allows analyst to gain information they can't from any other fact-finding techniques. In this method analyst observes the flow of documents, way the process is carried out etc.

Because of lack of record review fact finding technique we visited Shops and observed their flow of document process.

Feasibility Study:

Feasibility is the determination of whether or not a project is within the scope of organization. Feasibility is carried out to select the best system that meets performance requirements. This type of study determines if a project can and should be taken.

There are 3 types of feasibility:-

❖ Technical Feasibility:-

It is the study of hardware & software i.e. technical requirements of the system in order to inform the management & end user about the requirements of technical resources.

The system is technically feasible. No additional software or hardware is required for the implementation, as the system is developed using 'Java JDK 1.6' Technology as front-end tool &'MS Access'   as back-end tool.

❖ Economical Feasibility:-

It is the most frequently used technique for evaluating the effectiveness of the proposed system. More commonly known as cost/benefit analysis. It determines the benefits & savings that are expected from the proposed system & compare them with costs.

The system is economically feasible since it would not entail additional hardware, thereby savings on the costs & the manpower involved.
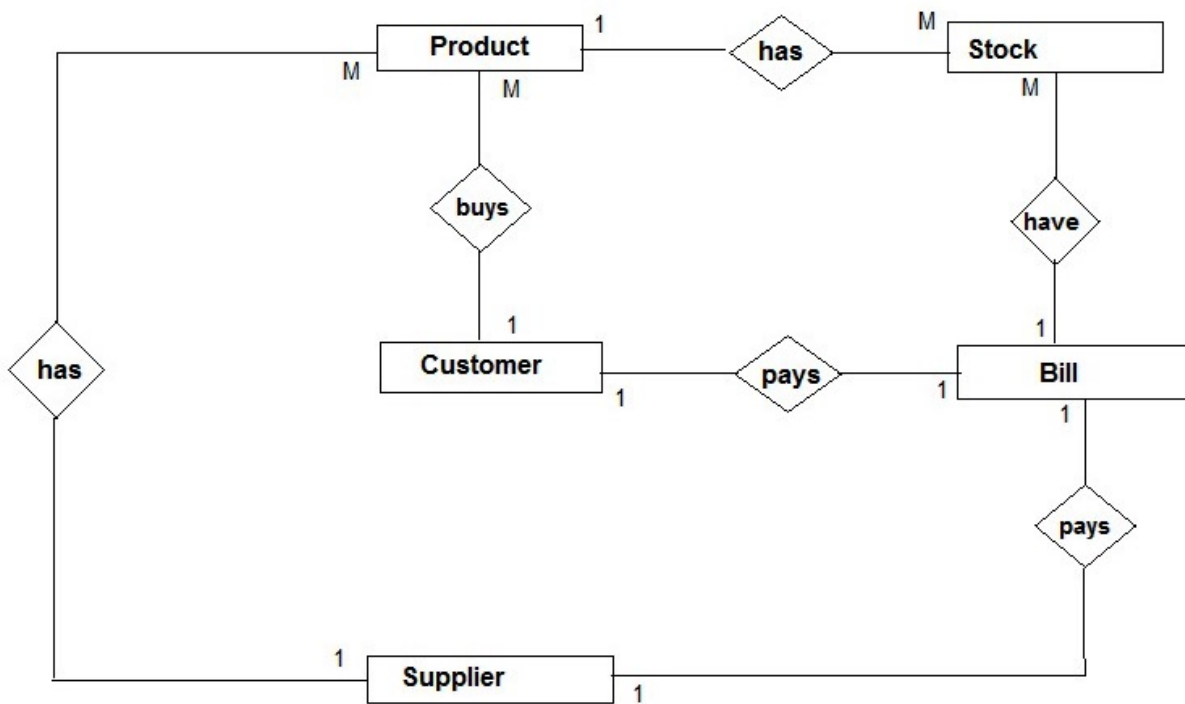
❖ Operational Feasibility:-

It is mainly related with the human factor. It checks the operating environment of the proposed system. Since the proposed system is computerized, it is finding that the system is very easy to use.
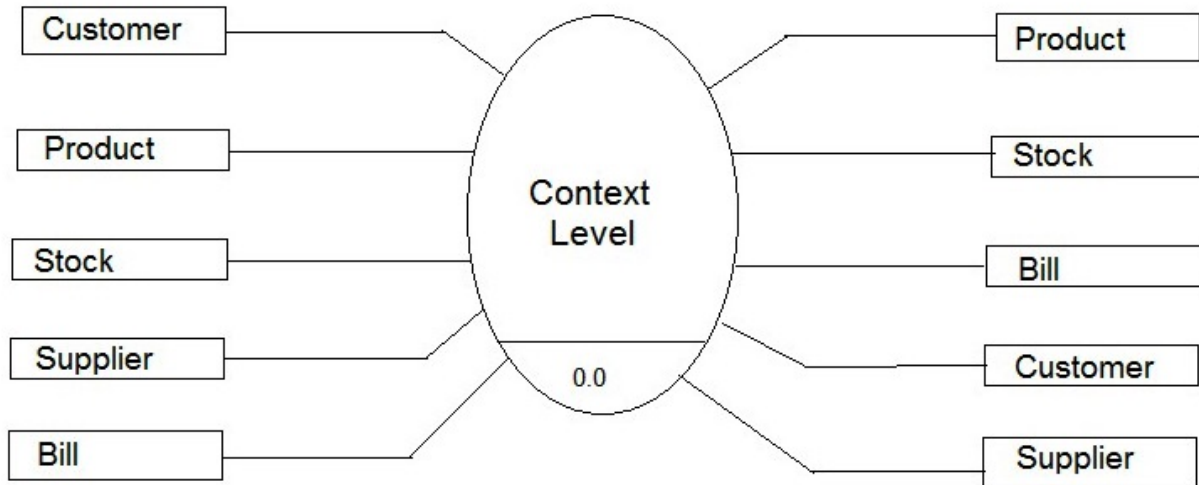
The system is window based with appropriate entry & error messages, for every screen & hence the systems very user friendly. This user friendliness of the system results in simplicity in operations of the system. The retrieval of the information will be easier as all information is stored in the database.
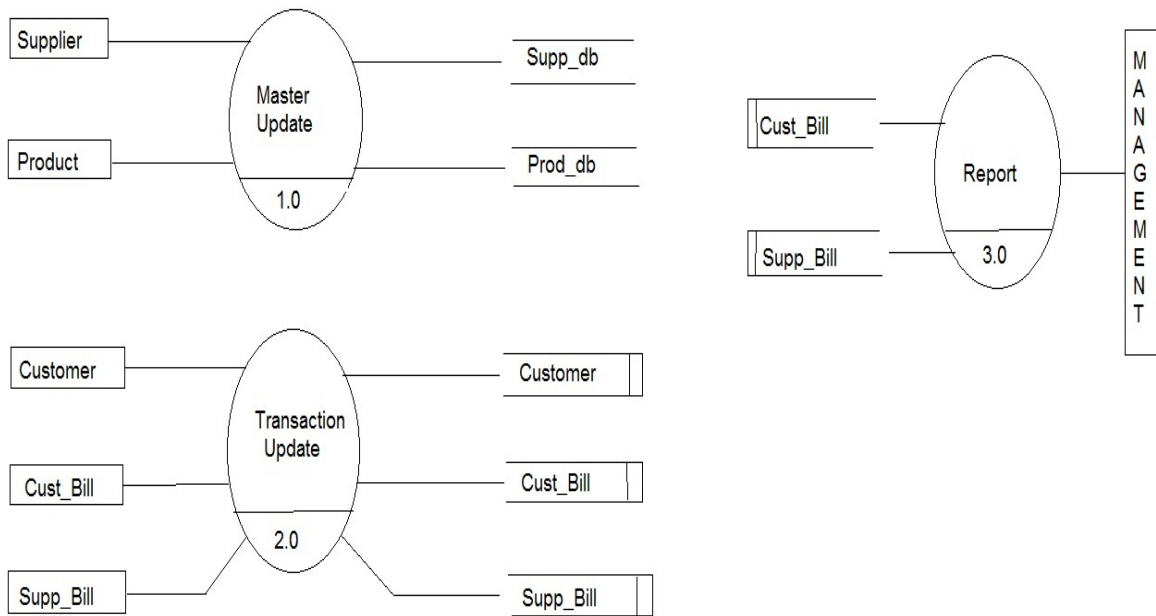
File Database Design

ERD

DFD

Customer		Product
Product		Stock
Stock	Context Level	Bill
Supplier		Customer
Bill	0.0	Supplier

Table Design

1) Customer

SR No	Field Name	Datatype	Constraints
1	Id	Number	Primary key
2	Cname	Text	-
3	Cadd	Text	-
4	Ccont	Text	-

2)Supplier

SR No	Field Name	Datatype	Constraints
1	Id	Text	Primary key

2	Sname	Text	-
3	Comp	Text	-
4	Cadd	Text	-
5	Ccont	Text	-
6	Cemail	Text	-

3)Product

SR No	Field Name	Datatype	Constraints
1	Id	Number	Primary key
2	Pname	Text	-
3	Flav	Text	-
4	Price	Number	-

4)Stock

SR No	Field Name	Datatype	Constraints
1	Id	Number	Primary key
2	Pname	Text	-
3	Astock	Number	-
4	Nstock	Number	-

5)SupplierBill

SR No	Field Name	Datatype	Constraints
1	Id	Number	Primary key

2	Sdate	Date/Time	-
3	Stime	Date/Time	-
4	Cname	Text	-
5	Ccont	Text	-
6	Prod1	Text	-
7	Pric1	Number	-
8	Qty1	Number	-
9	Prod2	Text	-
10	Pric2	Number	-
11	Qty2	Number	-
12	Tot	Number	-

6)CustomerBill

SR No	Field Name	Datatype	Constraints
1	Id	Number	Primary key
2	cdate	Date/Time	-
3	ctime	Date/Time	-
4	sname	Text	-
5	scont	Text	-
6	Prod1	Text	-
7	Pric1	Number	-
8	Qty1	Number	-
9	Prod2	Text	-
10	Pric2	Number	-

11	Qty2	Number	-
12	Tot	Number	-

Screen Layouts and Design

Login
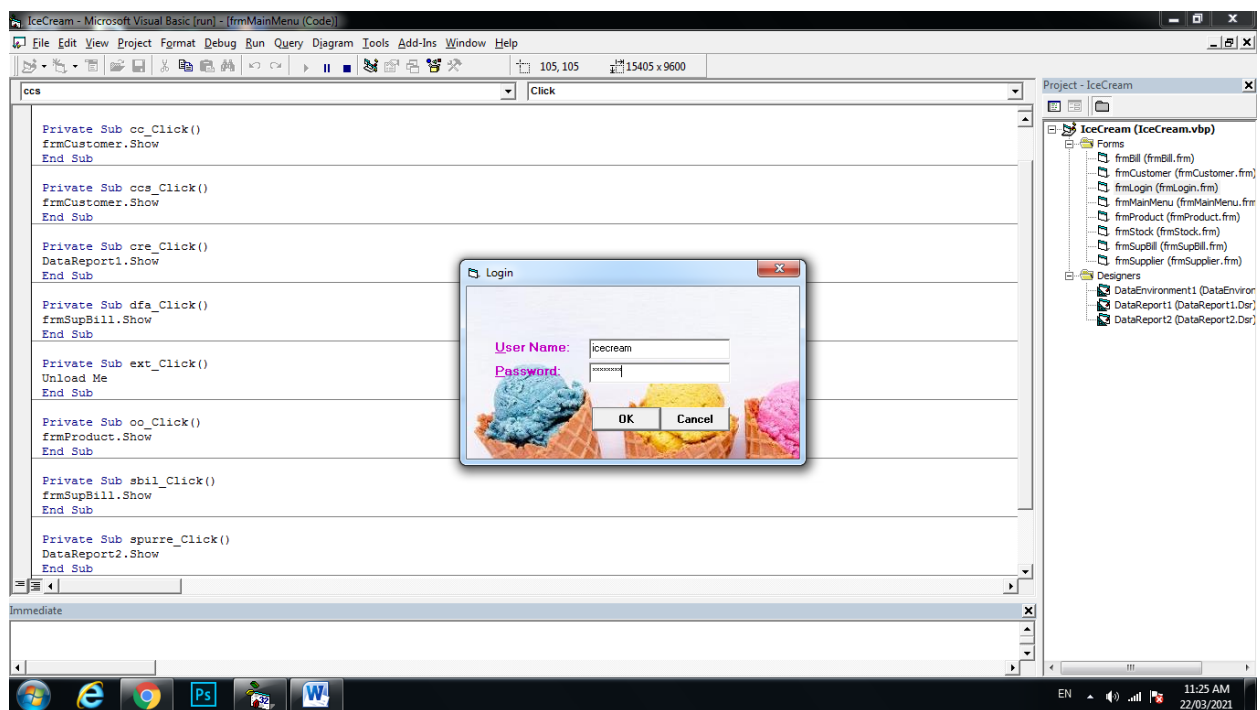
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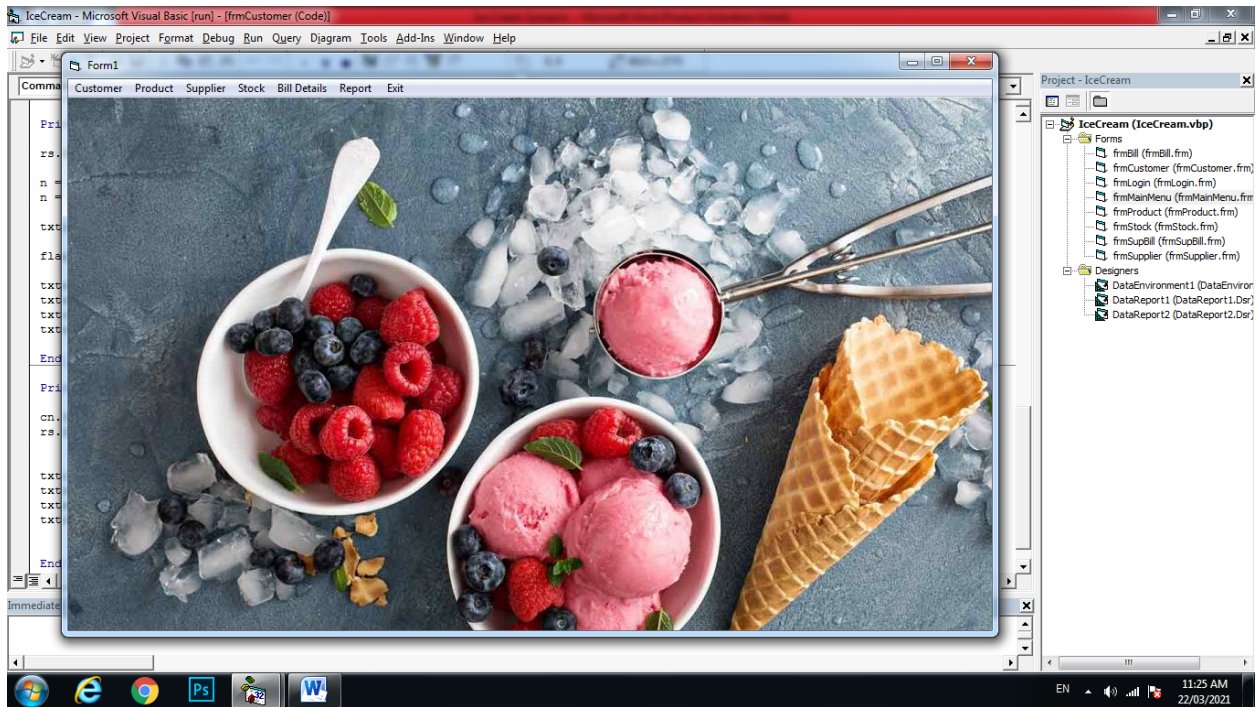
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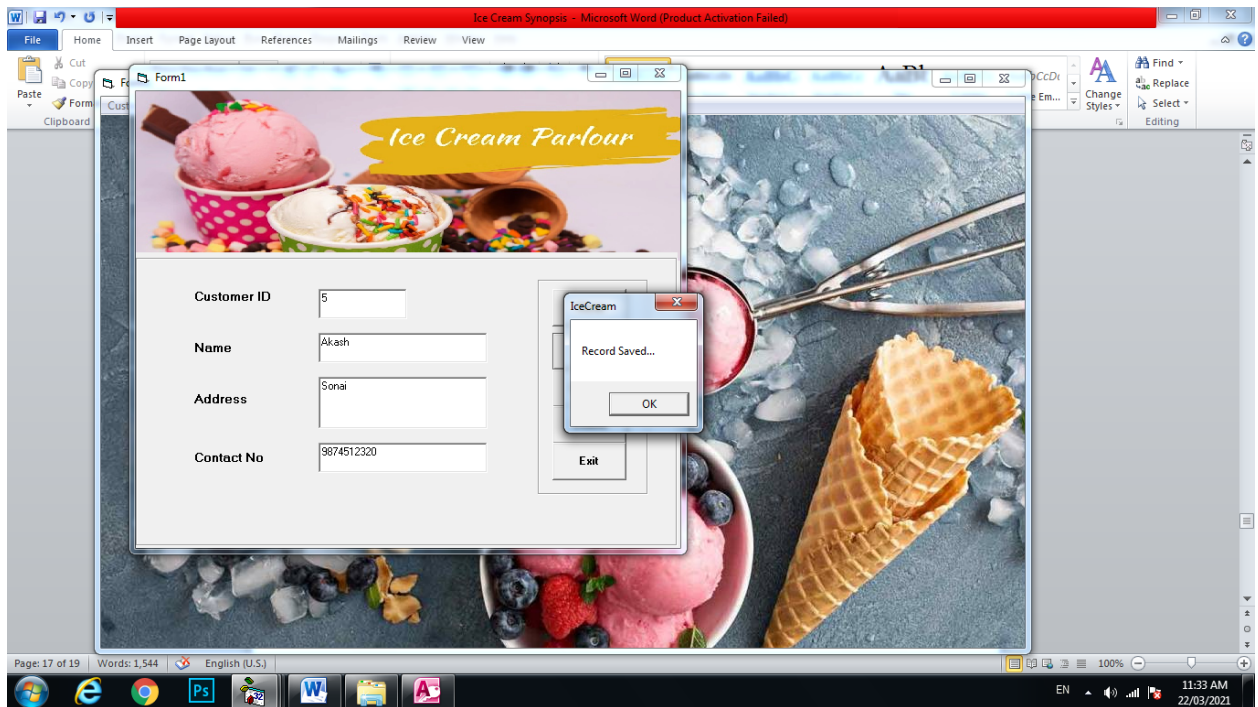
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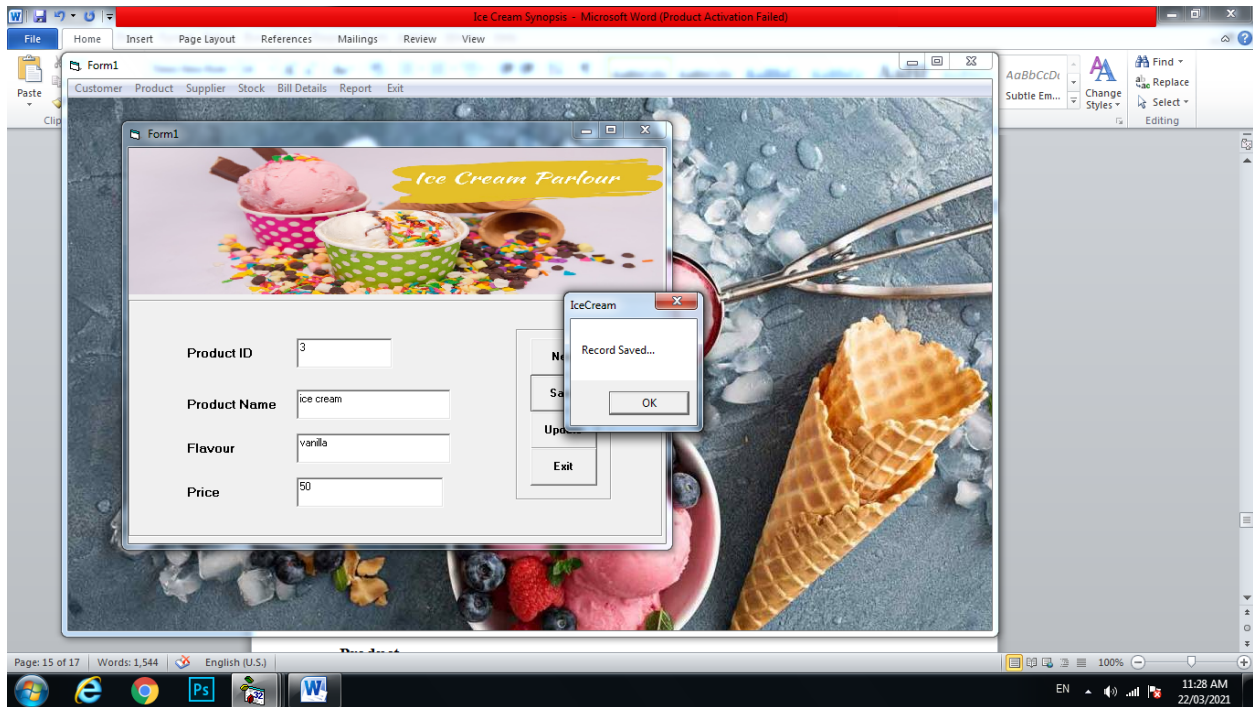
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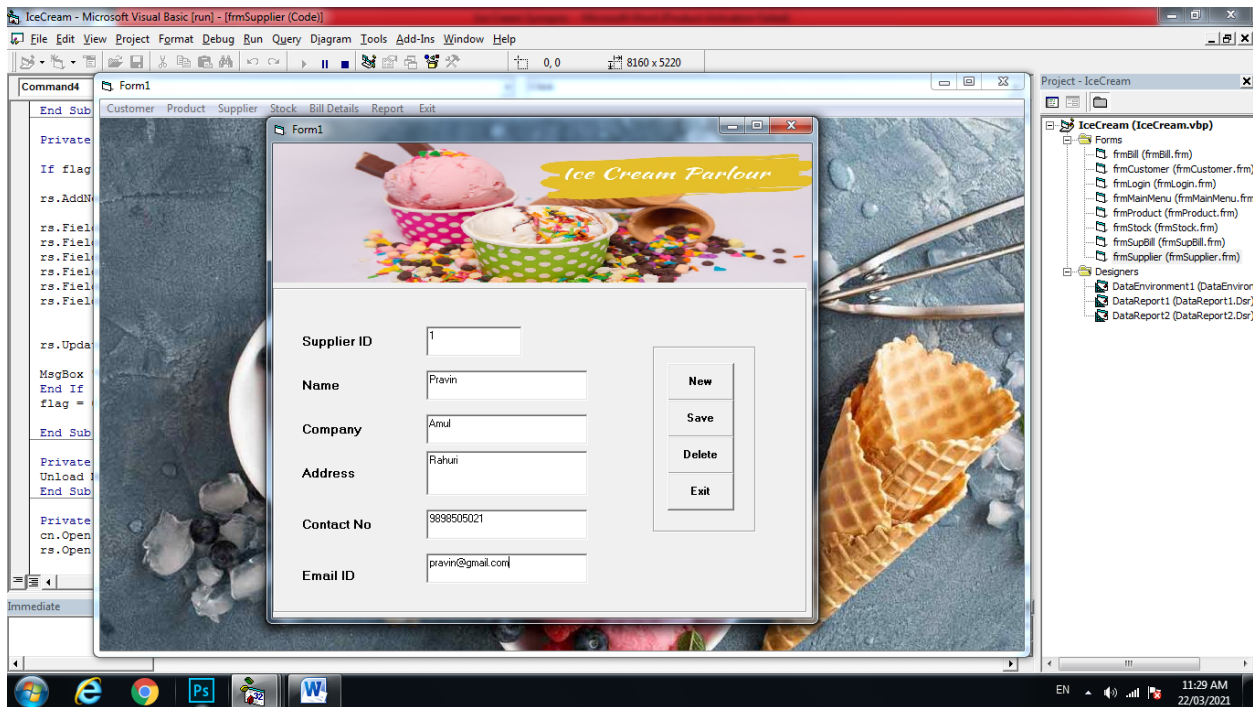
Stock
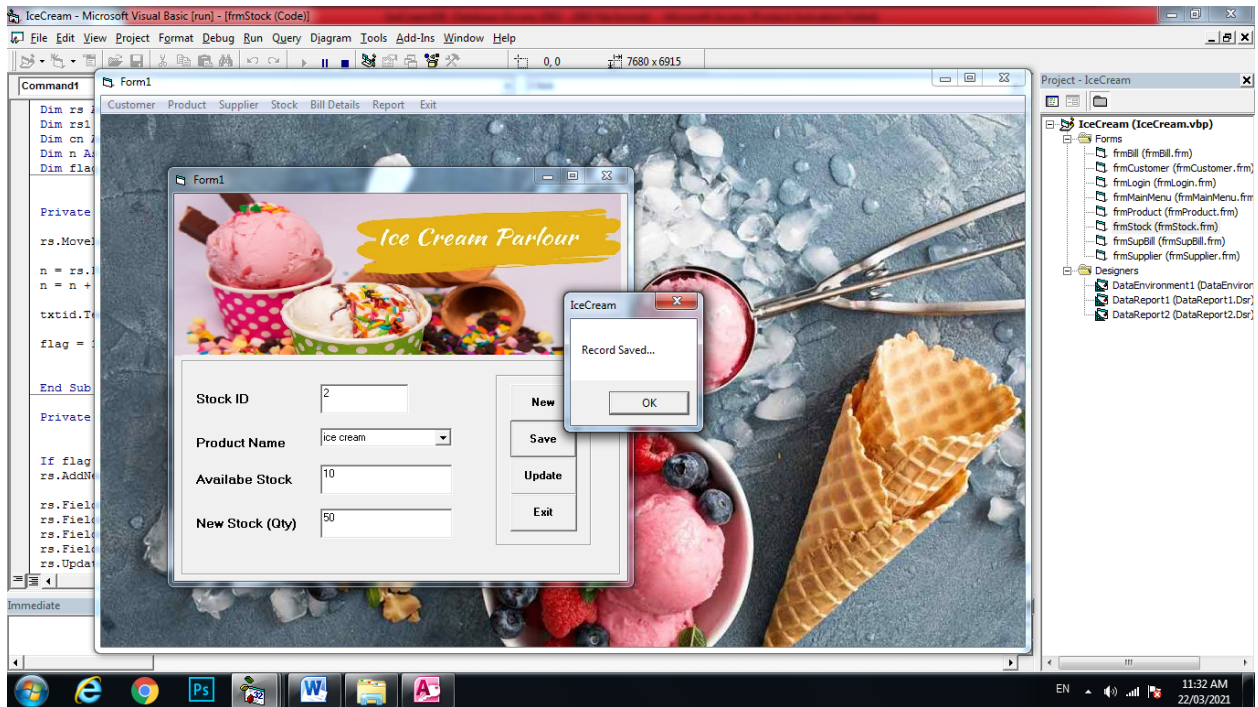
Bill

Supplier Bill
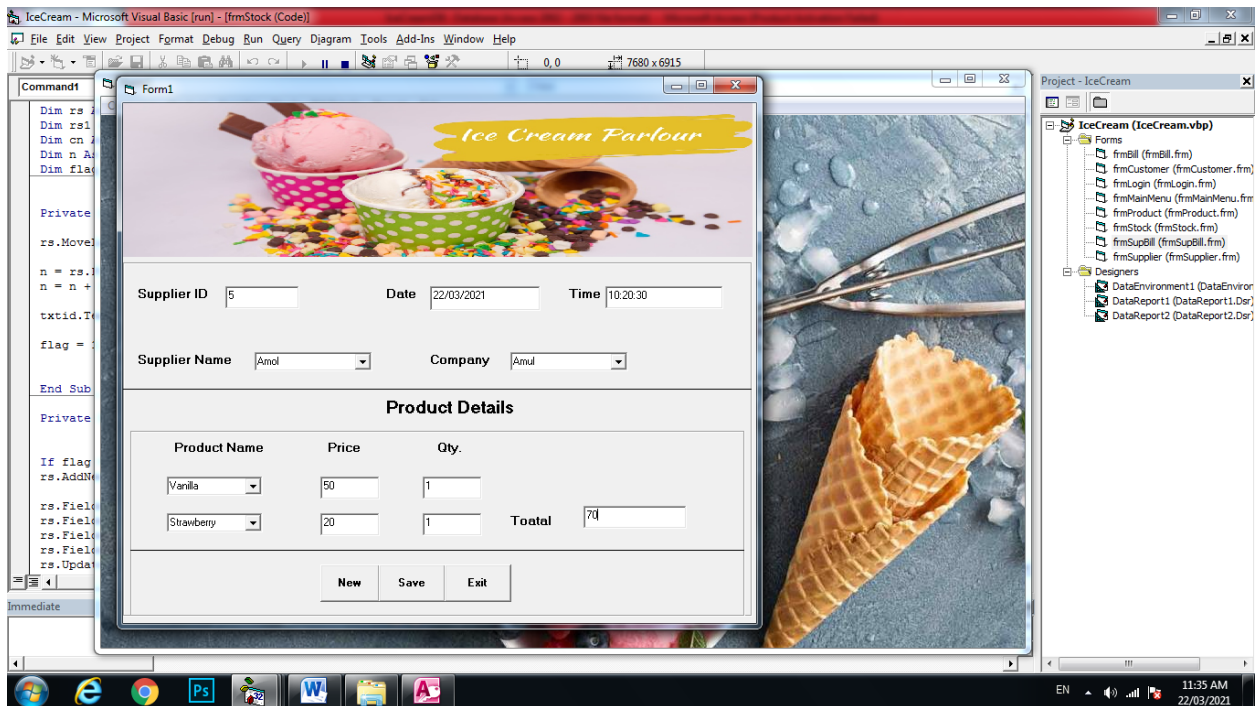
Customer Bill
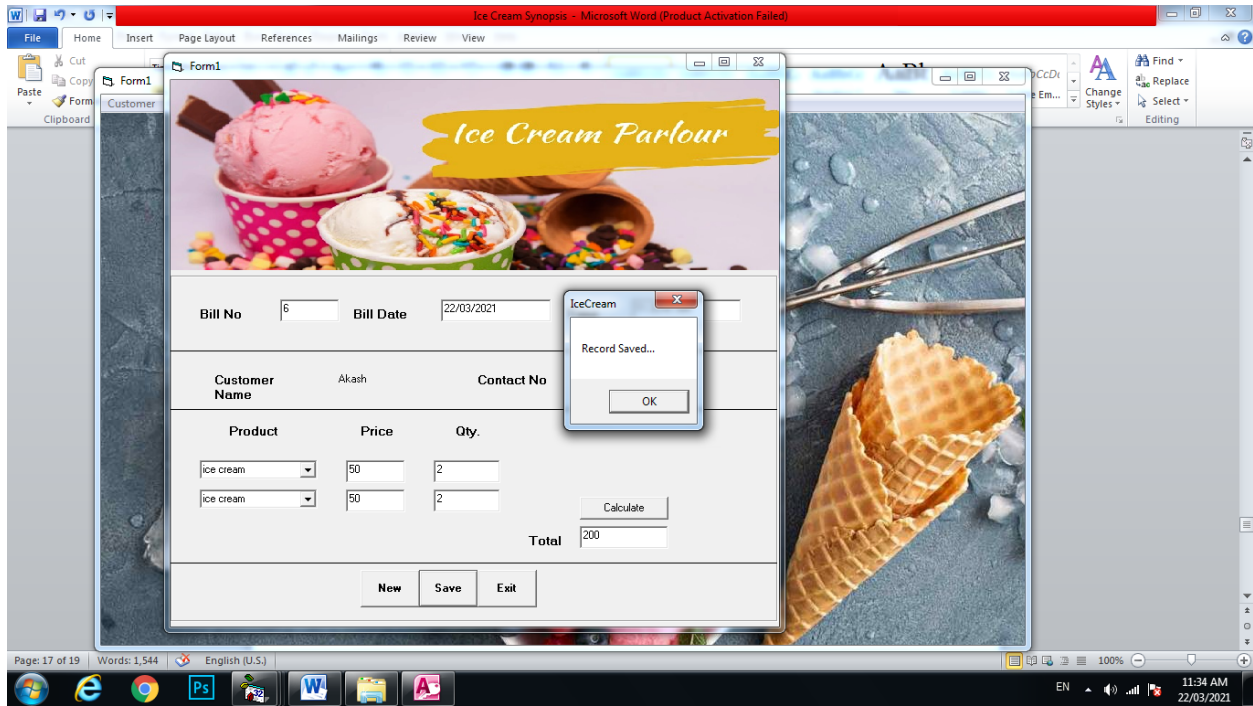
Reports

Customer Details

Supplier Details

LIMITATIONS:-

➢ Time consuming.

➢ Large amounts 0f records are to be kept are difficult to store safely.

➢ Paper work is very tedious, report production is very slow.

➢ More man power required .due to all this reasons we are moving for proposed system.

Conclusion

1. The System is easy to understand and operate and it is also user friendly.

2. The user can get all the information.

3. The user wants as it can help himself.

 4. The user is guided through with all the links and information.

Future Enhancement

The system can be made more users friendly and reliable by implementing some advantages in our system by providing following facilities:

- The system can be extended in multi-user system in future.
- Also various other reports as per requirements can be added on user request in future.
- Provision of Bills receipt for Customer in printed format.
- Provision of online help for user.

Reference

1) The complete Reference VB6

-Noel Jerke

2) ADO Programming in Visual Basic 6

-Steven Holzner