THILAKA MULTI SHOP

STOCK MANAGEMENT SYSTEM

GROUP-O

Declaration of Authorship

We Mr.A.Venuraj, Mr.A.Thushanthan, Mr.A.Aravinthan, Mr.P.Lanojan are here by certifying that this project titled "**Stock Management System**" is entirely our own work. It has been not submitted or it is not being concurrently submitted for any other degree.

……

A.Venuraj (2013/SP/041)

……

A.Thushanthan(2013/CSC/023)

……

A.Aravinthan (2013/CSC/021)

……

P.Lanojan (2013/CSC/016)

……

Supervisor,

Dept of Computer Science,

Faculty of Science.

……

Head of the dept,

Dept of Computer Science,

Faculty of Science.

Contribution of each member

A.Venuraj

He is good in MySQL and he took a major part in connecting sql server to visual studio, develop the login page and data entry to the sql. Took part in developing billing system. Developed colorful interface.

A.Thushanthan

He gave the idea to do this stock management system for our software engineering course unit.

He is good in C# and he took a main part for develop the billing system in the short time interval and also help to build the project.

P.Lanojan

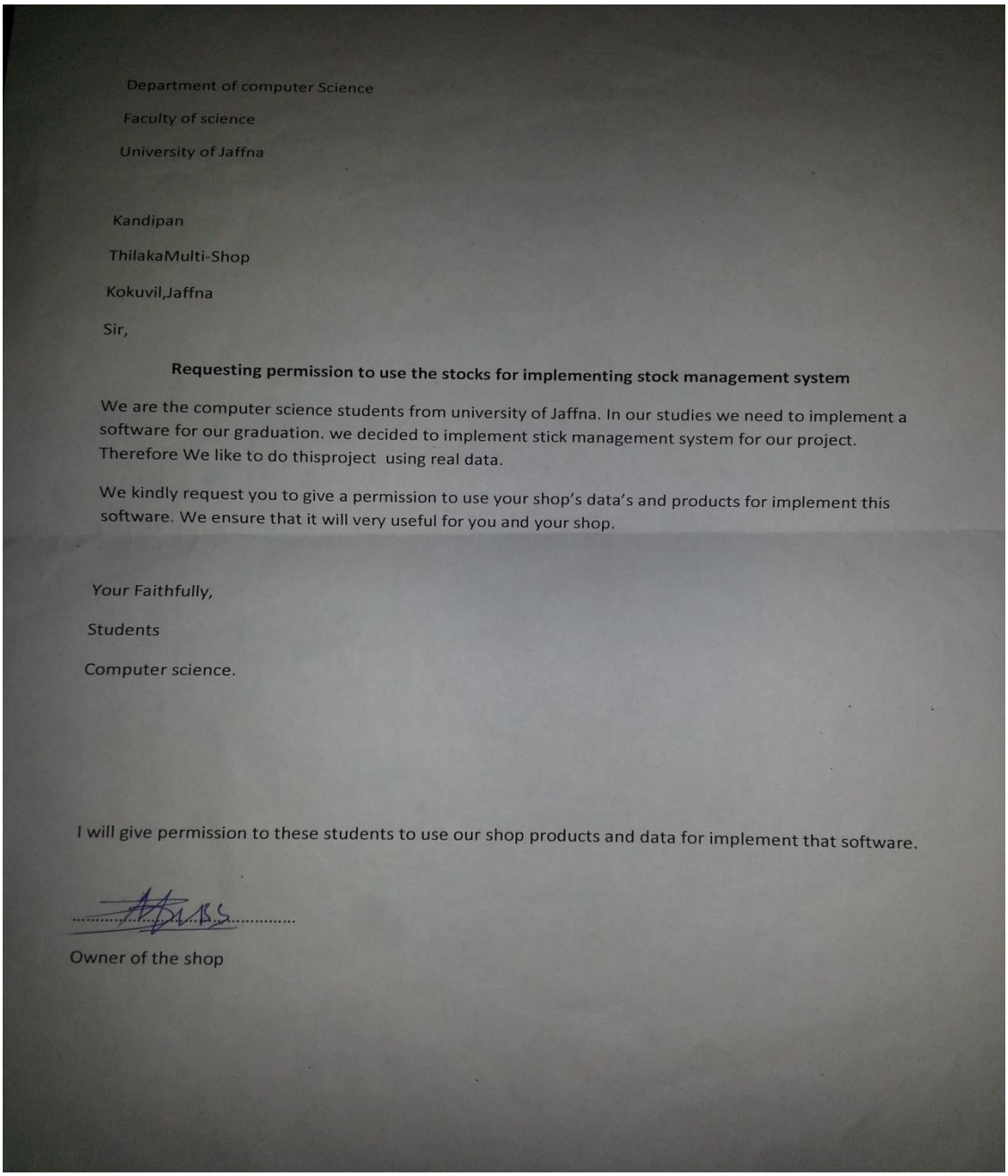
He helped to get the customer.

He is good in interface development and he took a part for creating interface and help to solve some problem in the code developing part.

A.Aravinthan

He also a good interface developer and he took a part for developing a colorful interface and also help to solve some problem in the coding part.

Consent of the Client



Department of computer Science

Faculty of science

University of Jaffna

Kandipan

ThilakaMulti-Shop

Kokuvil,Jaffna

Sir,

Requesting permission to use the stocks for implementing stock management system

We are the computer science students from university of Jaffna. In our studies we need to implement a software for our graduation. we decided to implement stick management system for our project. Therefore We like to do thisproject using real data.

We kindly request you to give a permission to use your shop's data's and products for implement this software. We ensure that it will very useful for you and your shop.

Your Faithfully,

Students

Computer science.

I will give permission to these students to use our shop products and data for implement that software.

.....

Owner of the shop

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Introduction

Purpose of the project

Stock management system is everywhere. Big shopping malls, Food cities, Super markets already have a stock management system. But srilankan economy is very poor. Most of the shops in srilanka don't have a proper stock management system. Therefore our group decided to solve this problem and we finalize our project as stock management system and also we didn't target the big shop , we consider only the small shop and we provide our software for free and make an awareness about importance of computer technology in the world.

Overview of the document

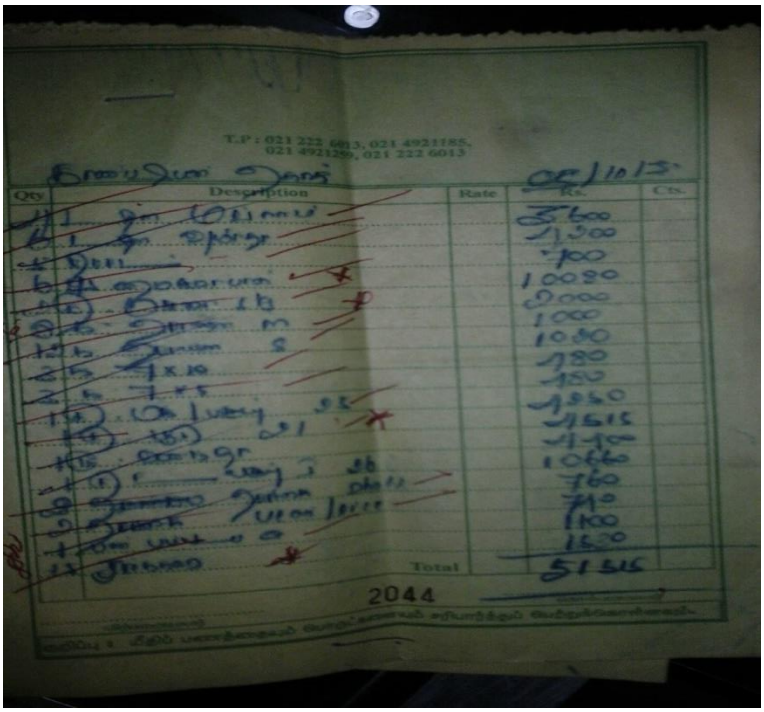
In this documentation we consider about gathering requirements and the problem we met when gathering the information, software designs and the model graphs, special features in our software, the technical and physical challenges we met when implement the software and the references we use.

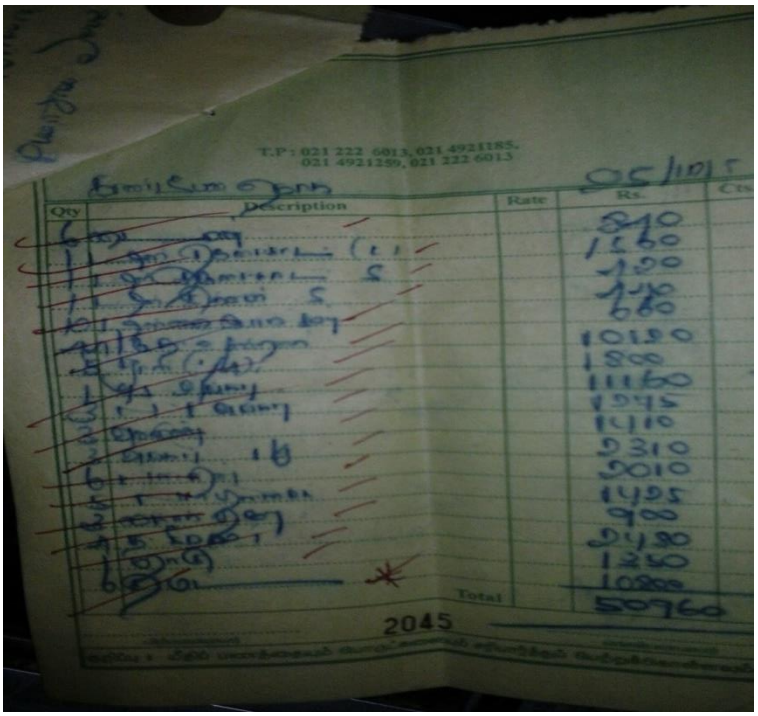
Requirements Specifications

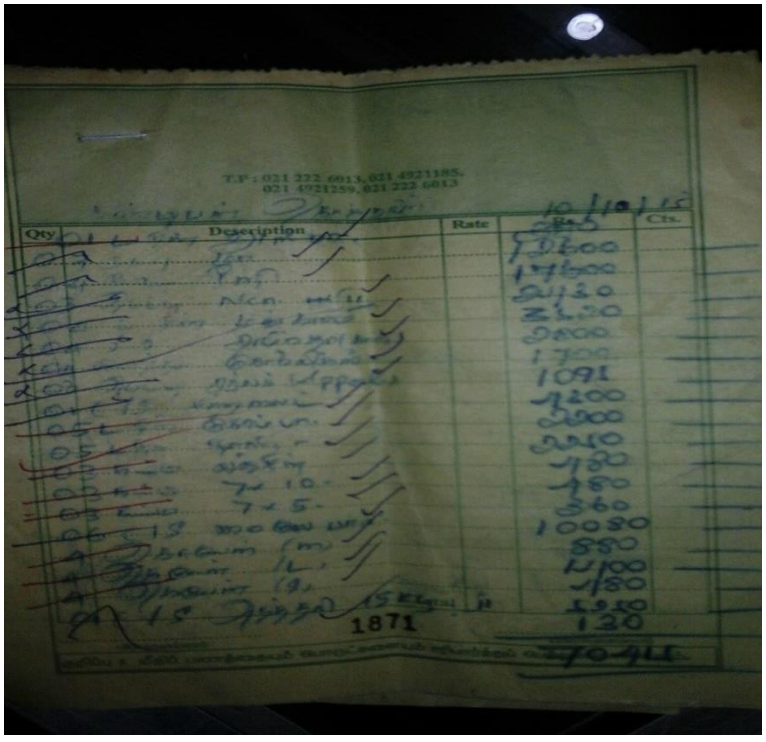
In the requirement collection we first deal with our customer .we first asked what they need.

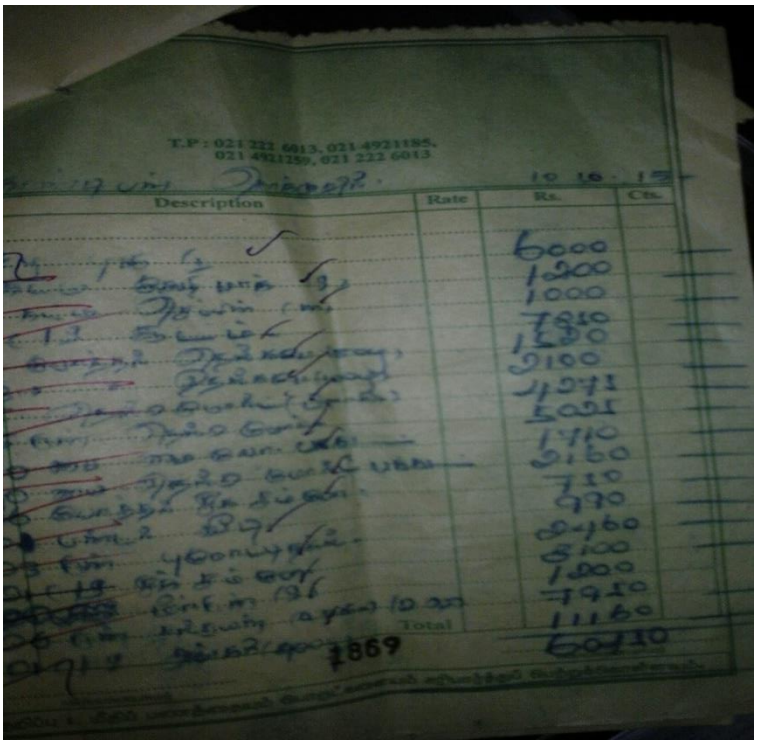
Then we decided what are the requirements we need and we collect them from our customer.

We collect some bills from the shop for summarize our project and made a plan.

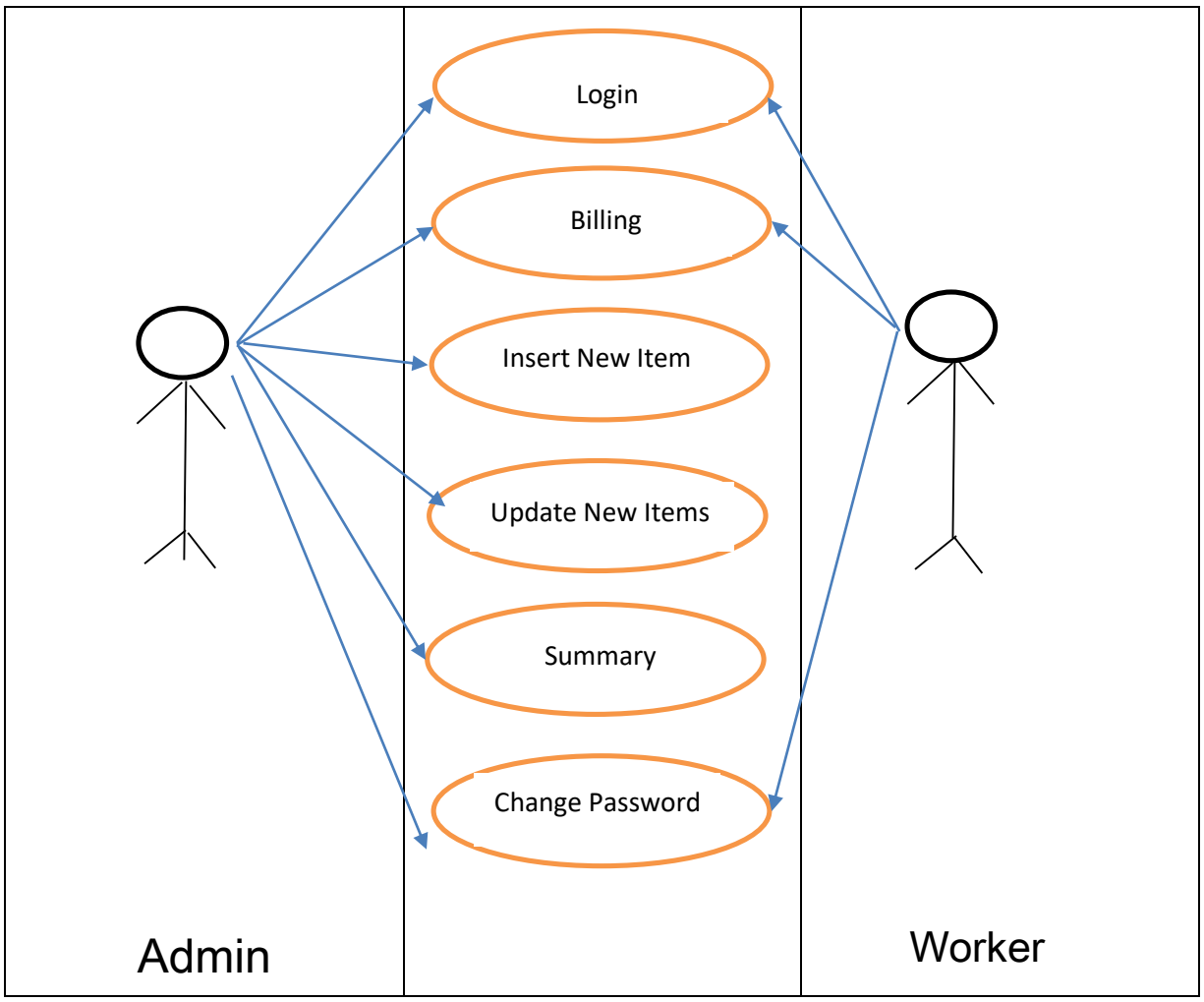




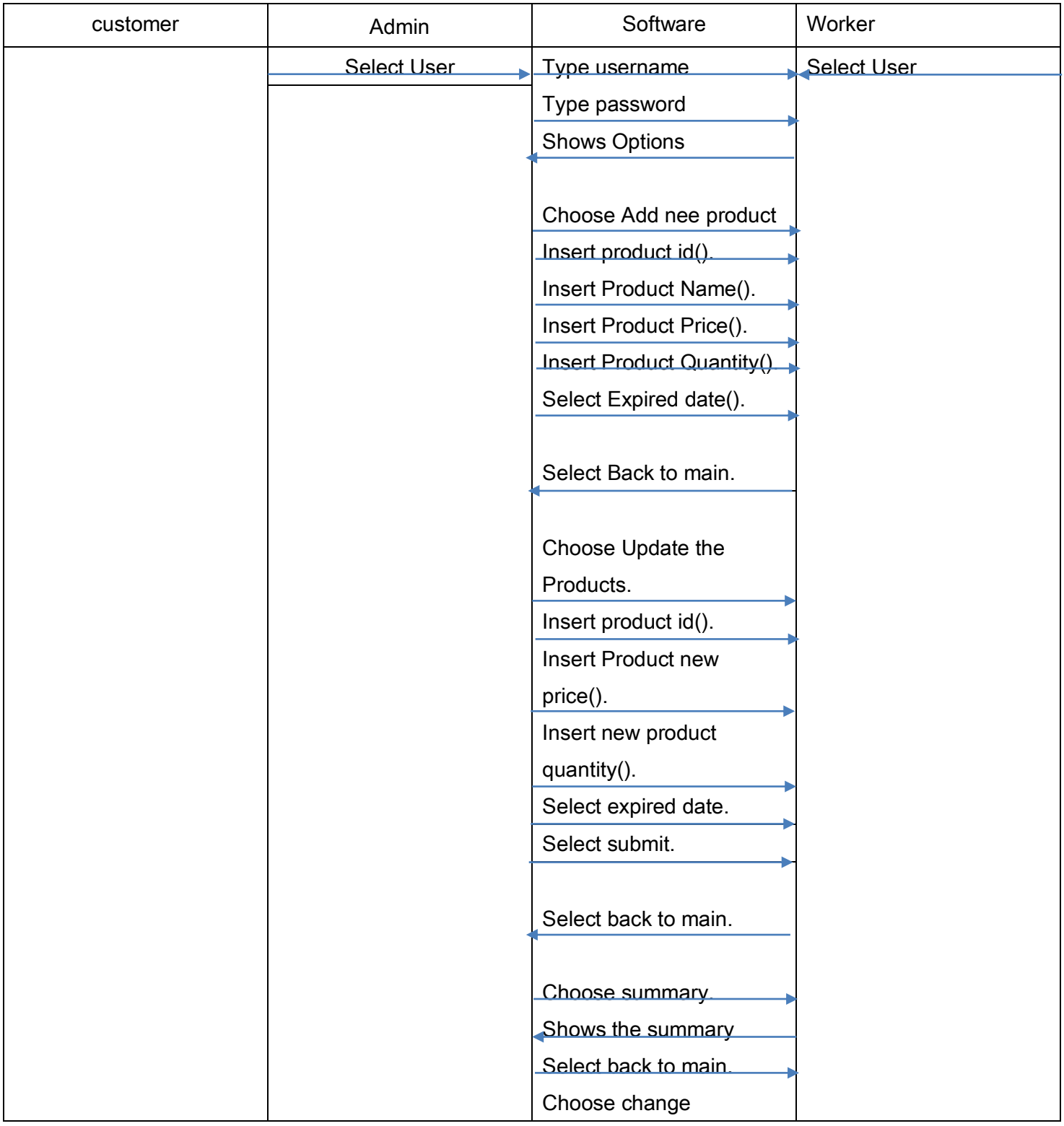


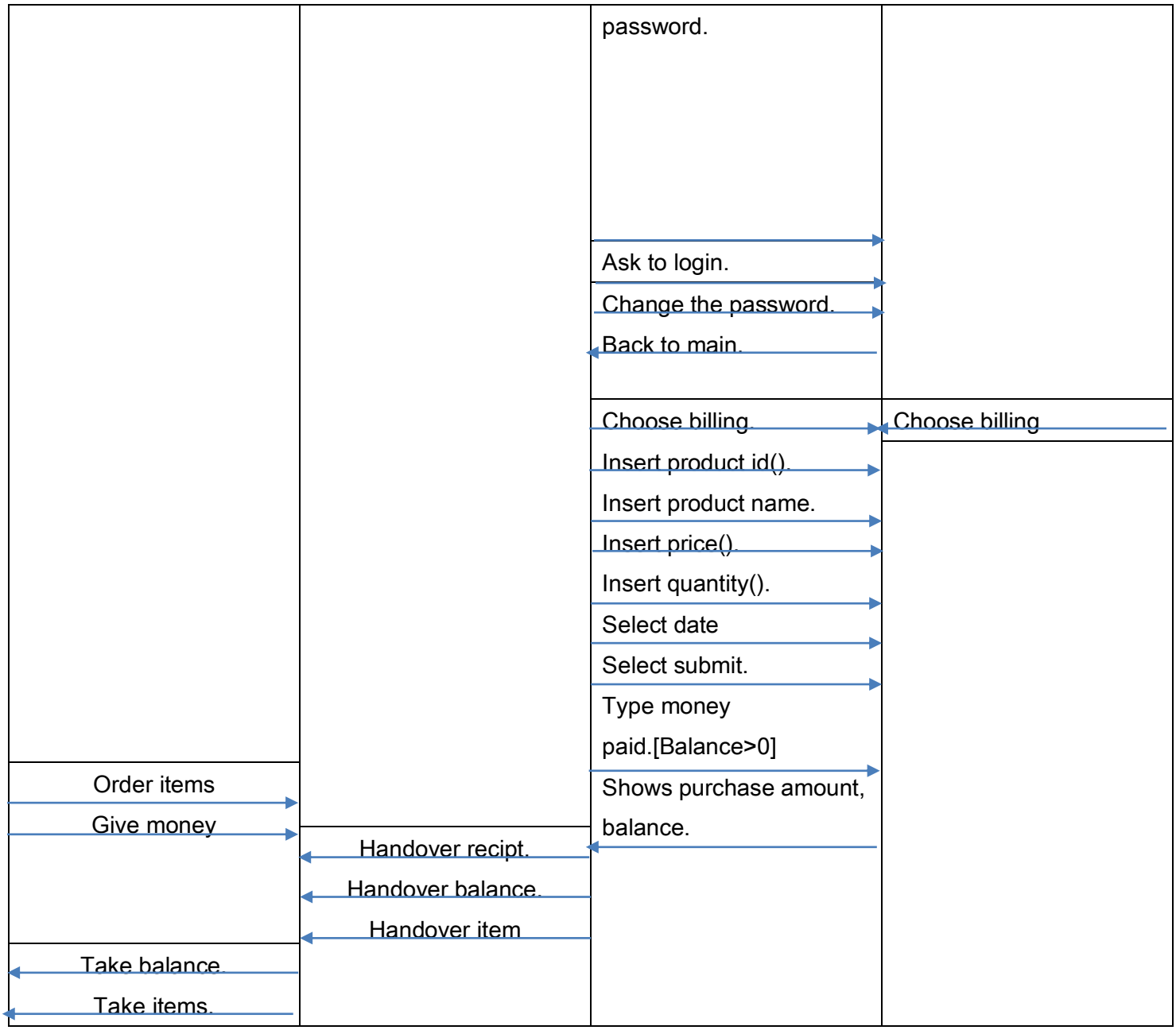


Use case Diagram

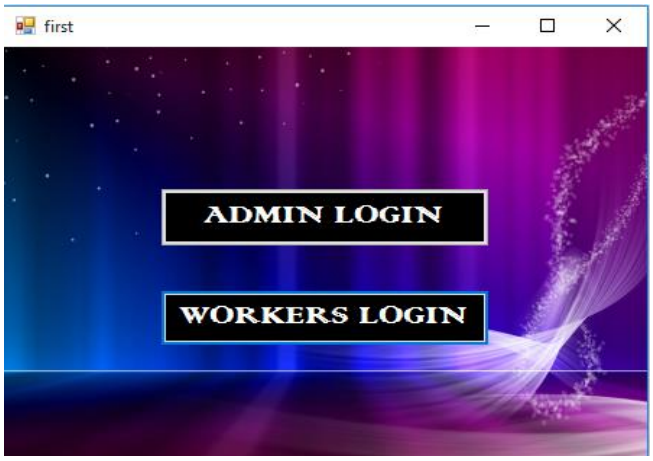


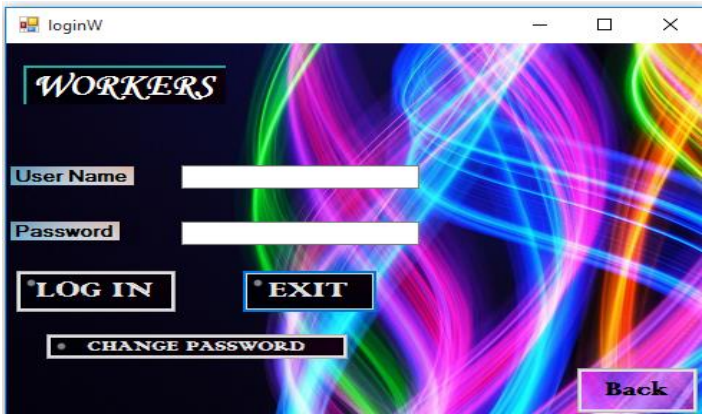
Sequence Diagram



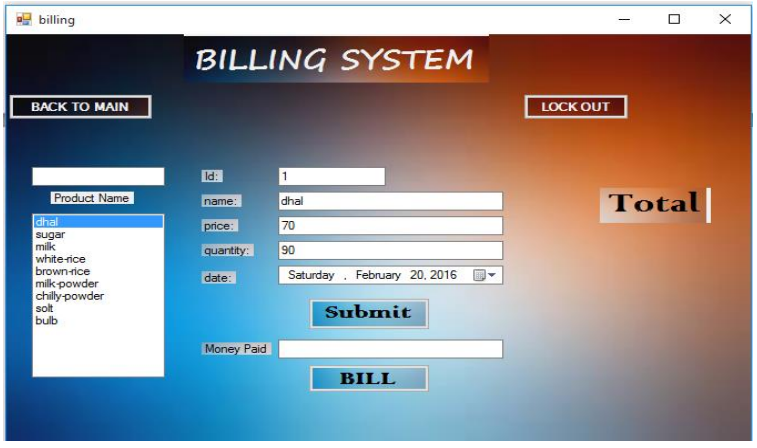

password.
Ask to login.
Change the password.
Back to main.
Choose billing.
Choose billing
Insert product id().
Insert product name.
Insert price().
Insert quantity().
Select date
Select submit.
Type money
paid.[Balance>0]
Shows purchase amount,
balance.
Order items
Give money
Handover recipt.
Handover balance.
Handover item
Take balance
Take items.

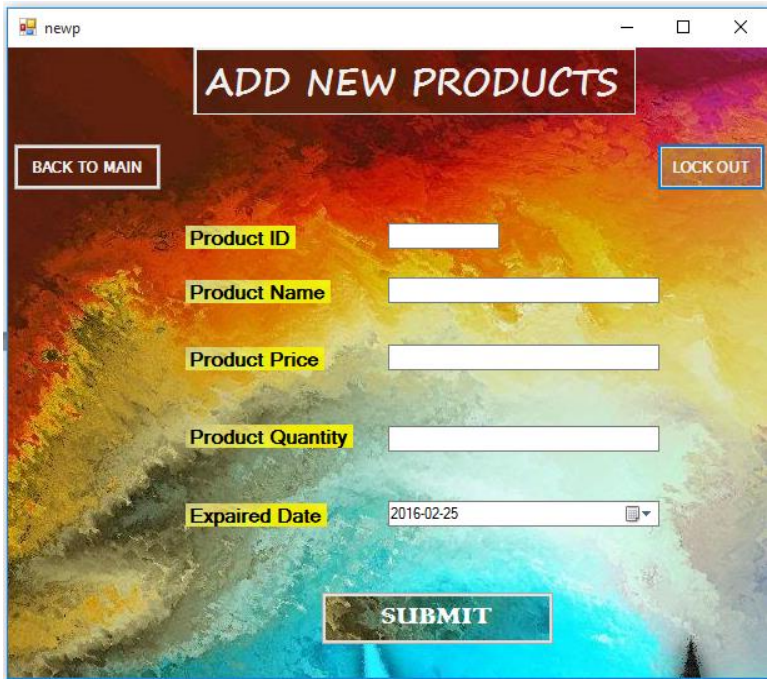
Software Design



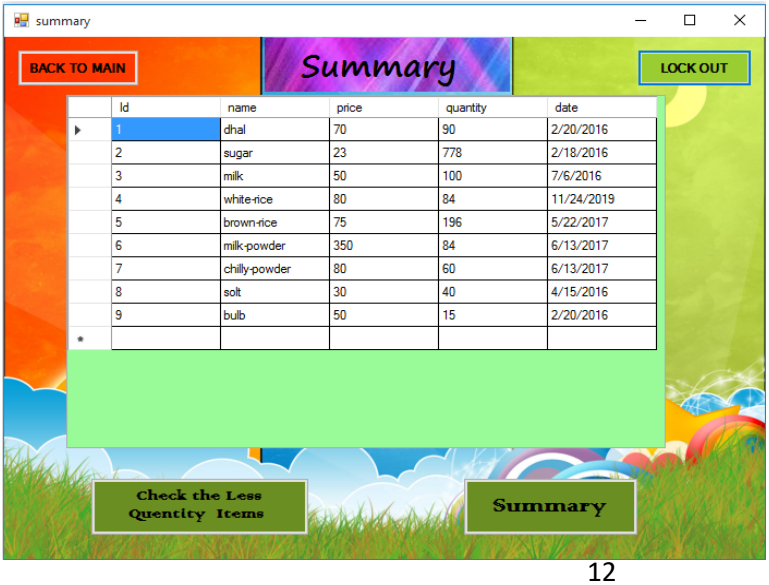


Enter Correct User Name and Password then click Login



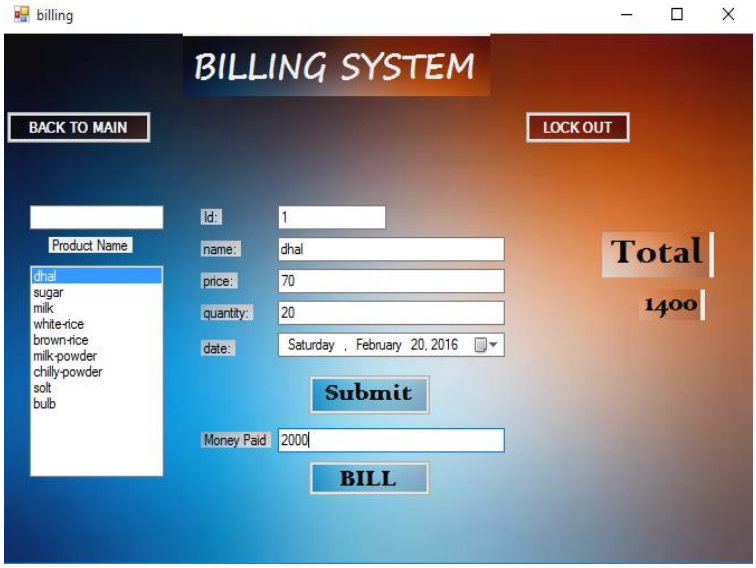


Id	name	price	quantity
1	dhal	70	90
2	sugar	23	778
3	milk	50	100
4	white-rice	80	84

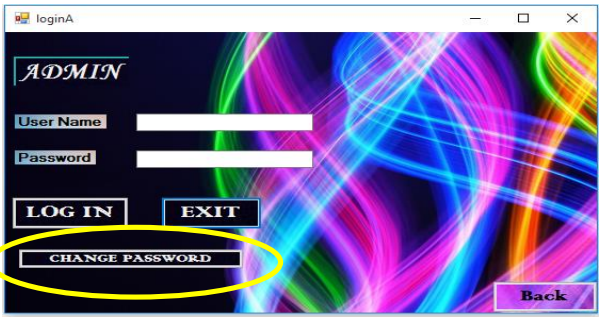


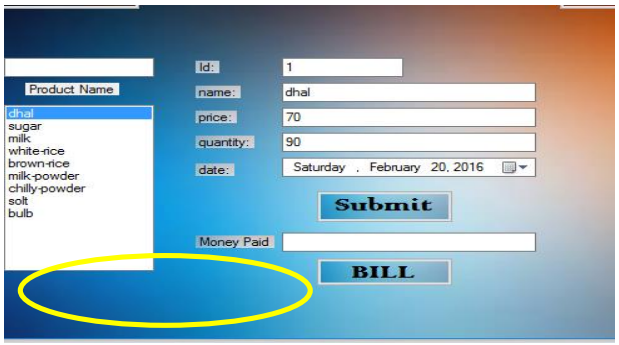
Id	name	price	quantity	date
1	dhal	70	90	2/20/2016
2	sugar	23	778	2/18/2016
3	milk	50	100	7/6/2016
4	white-rice	80	84	11/24/2019
5	brown-rice	75	196	5/22/2017
6	milk-powder	350	84	6/13/2017
7	chilly-powder	80	60	6/13/2017
8	solt	30	40	4/15/2016
9	bulb	50	15	2/20/2016

billing
BILLING SYSTEM
BACK TO MAIN
LOCK OUT
Product Name
dhal
sugar
milk
white-rice
brown-rice
milk-powder
chilly-powder
solt
bulb
Id:
1
name:
dhal
price:
70
quantity:
90
date:
Saturday , February 20, 2016
Submit
Money Paid
BILL
Total

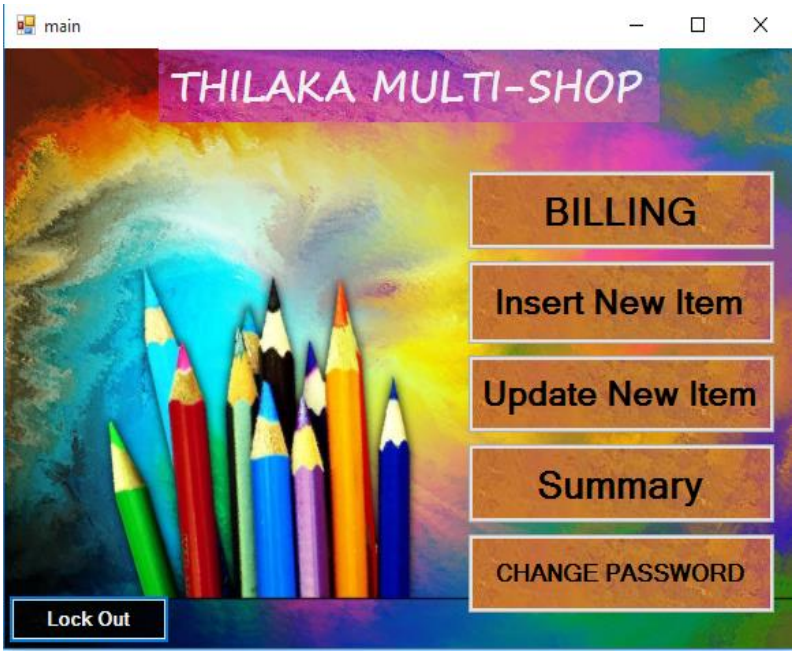

billing
BILLING SYSTEM
BACK TO MAIN
LOCK OUT
Product Name
dhal
sugar
milk
white-rice
brown-rice
milk-powder
chilly-powder
solt
bulb
Id:
1
name:
dhal
price:
70
quantity:
20
date:
Saturday , February 20, 2016
Submit
Money Paid
2000
BILL
Total
1400

printing
Thilaka Multi-Shop
Total Amound Custumer Pay
2000
Purchase Amound
1400
Balance
600
Thankyou.. Come Again.. :-)
BACK



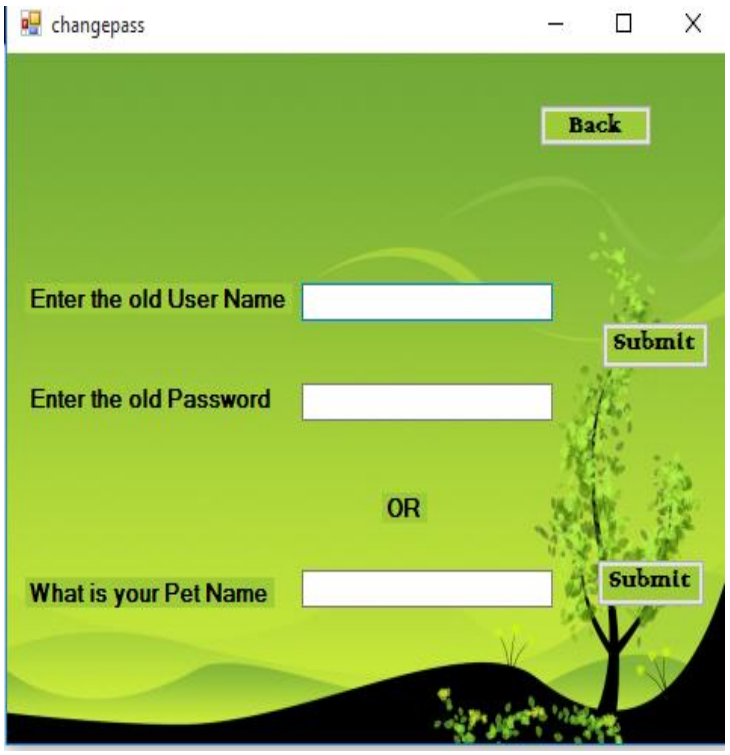


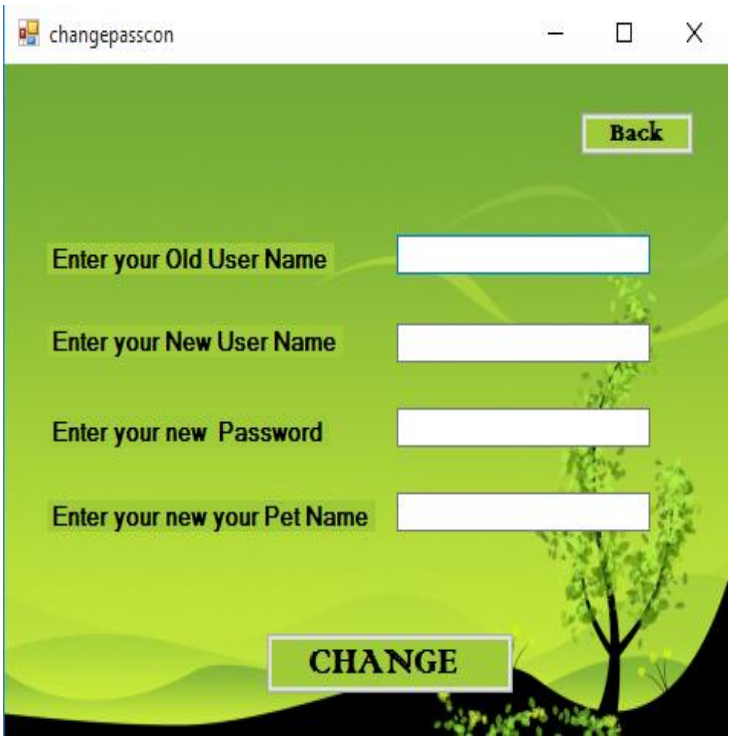
Click Change Password



Click Change Password

Directly goes here





Implementation

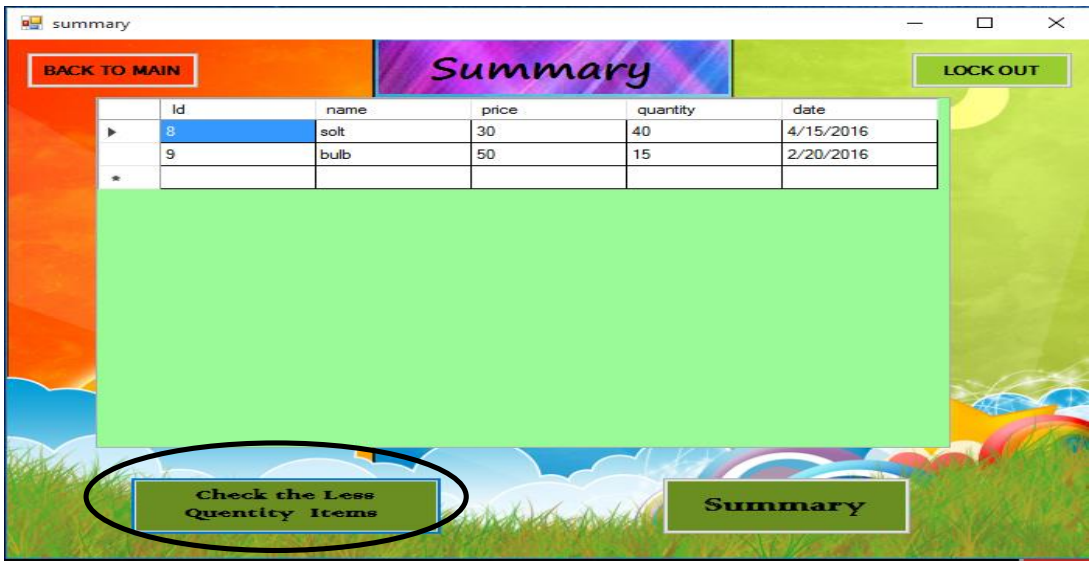
Tools, Techniques and Justification

- In here we use visual studio for implement this software . In the visual studio we use C# language to implement this program.
- We used mysql server to store the data.

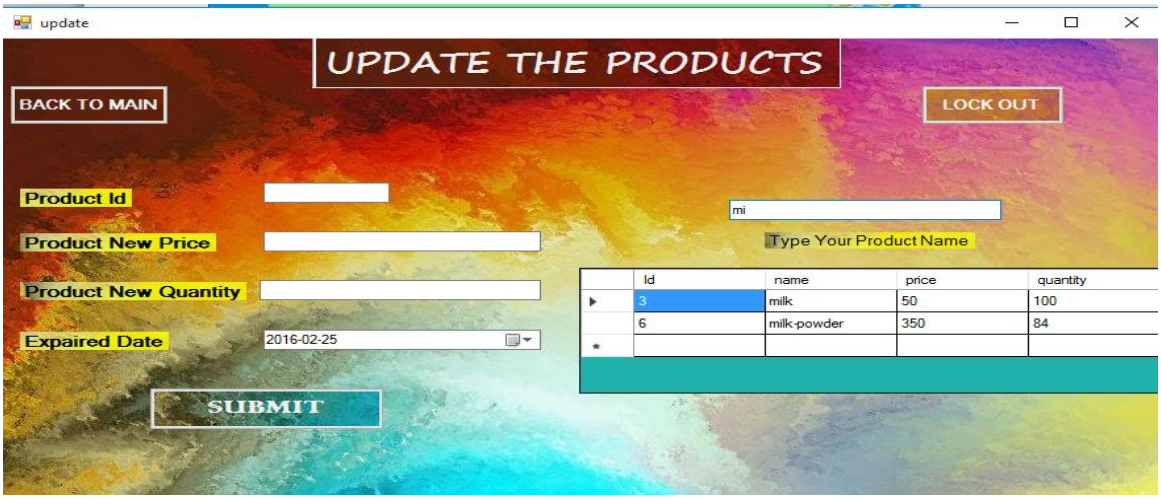
Special Features

- Every time Admin login his page if the quantity of the product less than 50 it will automatically show some message to refill the quantity.

- In the Summary we can easily find the products which are less than 50 in its quantity .

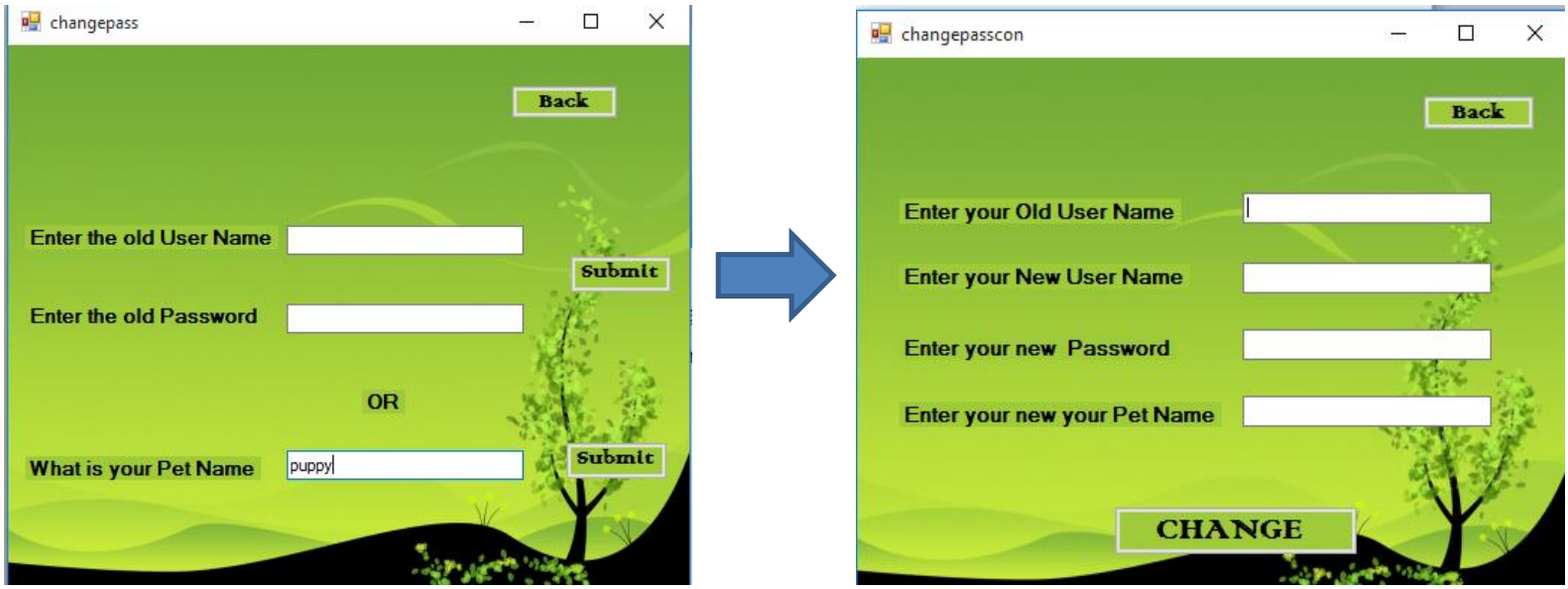


- In the update we easily find the product id by typing the product name in the left side.



- In the Billing system we can easily find all the details about the product by typing the product name in the left side text box. Specially it will show the expired date ,so the seller assure the product can be used.

- In the forgot password, sometime if we forgot the username and password then it has a another option called pet name. We can type the pet name and easily change the username and password.



Discussions and challenges

- We have a challenge came from selecting a project and finally with many analysis we decided to do a stock management system for a small shops for free.
- We have a challenge came from selecting a platform what we use, then we decided to do the project using visual studio C#. We are starters for visual studio so it is little hard and give a new experience for us.
- We have some technical and cording problem occurred and by using internet we solve the problems.
- Sometime the cording is correct but there are some bugs occurred.

References

- Watching some YouTube videos.
- We got some coding from internet.
- We got some help from our demonstrators.
- We get some ideas from our seiners

Appendices

Need a copy of our software please contact

A.Venuraj VenurajAllirajah@gmail.com