

Medicare Automation System (MAS)

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Approval Certificate

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Abstract

In this technological revolution era, the importance of the safe and effective dispensing of medication is no end off. Moreover, now a day in our country, many pharmaceutical and Medicare companies are using Pharmacy management software to manage their daily task. However, the fact is that according to our demands, technologies are changing rapidly being developed within the changing world wherever we want to live. The **Medicare Automation Software** is a medicine dispensing automation software.

This software will help the accumulative problem solution for the dispensing of Medicare companies. Existing systems are using for specific individual task management purposes. But this software is highly effective and feature-complete software to complete the daily task management of a pharmacy, such as ensuring efficiently medicine purchases and sales operation, modern billing and invoicing system, tracking inventory, employee and revenue management. Moreover, this software helps customer, supplier and manufacturer management and enable to generate sales report, purchases report, and different accounting reports automatically.

Simply, my project aim is to mitigate the use of separate software and analyze the various data, which will provide the major information and knowledge to the management and to the higher authority.

Acknowledgement

First of all, I would prefer to begin by demonstrating gratefulness of my magnificent Allah for gift me the enough knowledge, capability, and capacity to complete this project with success.

The success and outcome of this project "**Medicare Automation System (MAS)**" required a lot of guidance and supervision from my honorable supervisor, **Prof. Dr. Mohammad Nurul Huda**, Professor & MSCSE Coordinator, United International University. I am extremely thankful for his continuous encouragement, guidance, and patience and grant me the opportunity to finish this project successfully. I am heartily thankful to him for his guidance and suggestions during this project work. In addition, I would be fond of extending my sincere esteem to my examiner **Assistant Professor Mr. Suman Ahmmed** for his timely support and to examine my project.

Further, I would be keen on to acknowledge and expose my implicit respect and honor to all of my friends and colleagues who provided me the possibility to complete this project.

Furthermore, I wish to expose my hearty thankfulness, respect, and be fond of my all-family members and exceptionally for my mother for his encouragement, support, unlimited care and love.

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Chapter 1

Introduction

Medicare automation software (MAS) is a web based application software. This software is developing to automate day-to-day activities of a medicine shop or a Pharmacy. This automation involves the process of handling and distributing medications. It aims to provide functions on identify medication purchase and sale to usage, information management among employees, and minimize human error in medication safety and so on. In addition, it enables the user to generate reports within a significantly short period of time and track changes in inventory. Also, have a POS feature facility to provide the user all details of the product. In addition, dynamic dashboard gives a real-time overview of all activities. This software user is able to identify stock product quantity. If the stock product quantity is less than 10, then in the notification bar it will notify that automatically through messages about product details. Besides this, if any medicine expire date is over then automatically it will notify about expired medicine with details at the notification bar.

In addition, this MAS system design for the precise demand of the medicine company to perform operations in an easy and efficient way to solve the problem of the ongoing work process by reducing resources and minimizing time wastage, which simply changes manual based systems to computerized systems.

1.1 Existing System

The serve on the existing system is a pointer on the way to commence building the proposed system, which will facilitate the Pharmacist, provide the optimum drug inventory management by the observance of the drug movement and state within the pharmacy. The extant pharmacy software only provides some text-based attachment, which is not as user-friendly as a graphical user interface. The response is very slow of the existing system because it implemented in Manual and most of the existing systems are using in off-line mode. That is why all operations performed in off-line mode, thus on-line data capture and modification is quite impossible. Besides, at off-line mode information's and responses cannot be observed perfectly from anywhere at any time. Moreover, the state of drugs in

stock is manually checked. Sometimes, make mistake of selling expired drugs to customers. There are some general management features errors, such as Service and HRM modules for employee management, user-role and fixed-asset management feature. Employees are facing too much workload. Needs more time to go through the stock balance and make rough estimate for the amount to order based on Figures. Therefore, I think there is a demand for improvement of the pharmacy system with more compatibility and flexibility.

1.2 Proposed System

From the existing system, serve analysis this is clear that there are still some problems and the implementation of the proposed system shall focus on,

- Flourishing the efficiency of the system by making certain effective monitoring of services and activities.
- Having access to the proposed system at any time.
- Ensuring effective policing by providing statistics result of the medicine available in stock.
- Making report within a specified needs and period.
- Reducing the employees' workload.
- Including Service and HRM modules for employee management, user-role and fixed-asset management feature.

1.3 Objective

This software is quite different from other pharmacy software. We know that pharmacy management software is another challenging software to develop and fulfill all compatible features with consistent information to existing in this competitive market and which will meet the user requirements. Now, the main objective of my project “Medicare Automation Software” simply is to record the details of various activities of the pharmacy, such as Medicine, Purchases, Sells, Stocks, Service, Inventory and HRM management, user role setting. Simplify, it will execute the task and reduce the paperwork and help to reduce the

cost of maintenance such as recourses, workers, services, and financial costs. This software completely developed at the medicine administrative purpose.

Functionalities of Medicare Automation System (MAS)

- It is fully responsive software, all information and menu list can display in any devices with variant screen size, E.g. Desktops, Laptops, Tablets, and Smartphones.
- For admin and other users has a separate panel and dashboard.
- From the admin panel, admin can easily manage and get information about total Medicine, Customer, Manufacturer, Stock, Invoice, daily & monthly progress reports with the graph.
- Admin can perform any operations on the menu such as create, read, update, edit and delete. In addition, admin can set user role activities in this system for a specific user and can monitor them.
- This software will help to track all the information about Medicines, Sells, Purchases, Stocks, Customers, Suppliers, Manufacturers, Employee and other Services of the pharmacy.
- This software will deal with monitoring the all transactions and information's of the pharmacy.
- It will help to increase the efficiency of managing the Medicine and Pharmacy activities.
- It will proper resource management of Pharmacy data and improve the result through adding, editing, and updating of records.
- It will also manage the sells details, inventory details, and employee details at online. In addition, the integration of all records is possible.
- It will help to return the medicine to the manufacturer and the customer will be able to return the medicine if required.

- It will help to manage all bank transaction information and control tax percentages.
- All accounting valuable reports will be available in this system for business growth.

1.4 Scope

My project aims at Medicare of pharmacy business process automation. This project may help to assemble the process of perfect Medicare or pharmacy management in detail. The assembling process will be manifest, easy and smart, and logical, which will be helped to reduce the cost of management procedure. Besides, the pharmacy business will run smoothly through Medicare Automation Software. In this project, I have tried to covered Medicare management relate task such as follows,

- The system would enhance management services and improve productivity.
- It satisfies the user requirement.
- Have a good user interface for easily catch by the user and operator.
- It will be effortless to work and expandable.
- It will be accessible at any time from any place of the world.
- Based on their respective working areas, it will help to assist the employee in capturing the total effort where they spent.
- Through automation, it will support to utilize resources in an efficient manner and increasing their productivity.
- It will solve the problem of purchasing medicine return to the manufacturer and customer return problem also.
- Through the attractive design and implementation, technique that has been deployed the manager and user will be more facilitated in various ways.

- The software generates different types of reports that can be used for checking business growth.
- Different types of information that can be easily print out, which will save valuable time. That information may be used for various purposes.
- The software would be cost effective.
- The software would improve information quality and accessibility.

1.5 Summary

From the introduction and objective, it is clear that this project is designed to handle the pharmacy operations of retail chains and manage stores and others necessary thing that are related to efficient pharmacy operations, management, and proper outcomes. In this project documentation, the plan of this project also mentioned. Moreover, this project description has been concluded successfully at the end of this documentation.

Chapter 2

Background and Literature Review

Medicare automation software is a web-based automated dispensing system for pharmacies that is affordable and powerful enough to meet all pharmacy's fulfillment needs. This automation system will be used to optimize medicine-dispensing operations. Centralized view of full Medicare or pharmacy tracking. Basically, this track is ideal for pharmacies that want to centralize medication dispensing to maximize operational efficiency, reduce dispensing costs, optimize medicine inventory, manage employees, support return and fulfill centralize programs. This MAS automation software will be stable and will be handled by average people. Moreover, the system quality is involved in exactitude, opportunity, and comprehensiveness to the output of the system.

This project has been improved to override the problem regulator in practicing the manual system. And the software is supported to avoid and in some cases reduce the hardships faced by the existing system. At present, whether a big or small organization has challenges to overcome and manage the pieces of information on Pharmacy elements. The elements of pharmacy are like that Medicine Purchases, Sells, POS invoice, Manufacturer, Employee, Assets management. Each pharmacy organization has different needs. That's why this software is designed exclusive management features that are adapted to user's managerial requirements. Besides, fulfilling their requirements, it can be stored all valuable data for a longer period with easy accessing.

It designed to assist in the strategic planning of the organization. It will help to confirm that the pharmacy organization is prepared with the right level of information and details for users' future needs.

2.1 UML Design

In the field of software, Unified Modeling Language (UML) is a general-purpose, developmental, modeling language that intended to provide a standard way to visualize the design of a system.

2.1.1 Activity Diagram

In Unified Modeling Language (UML), the associate activity diagram visually presents a series of actions or flow of management in a very system. Shapes that square measure connected by arrows describe this diagram. In addition, this arrows run from activity begin to completion and represent the consecutive order of performed activities. Wherever black circles represent associate degree initial workflow state associate degree a circled black circle indicates a finished state. The rounded rectangles represent performed actions, that area unit represented by text within every parallelogram. Moreover, the diamond form employed to represent a choice, which could be a key activity diagram conception.

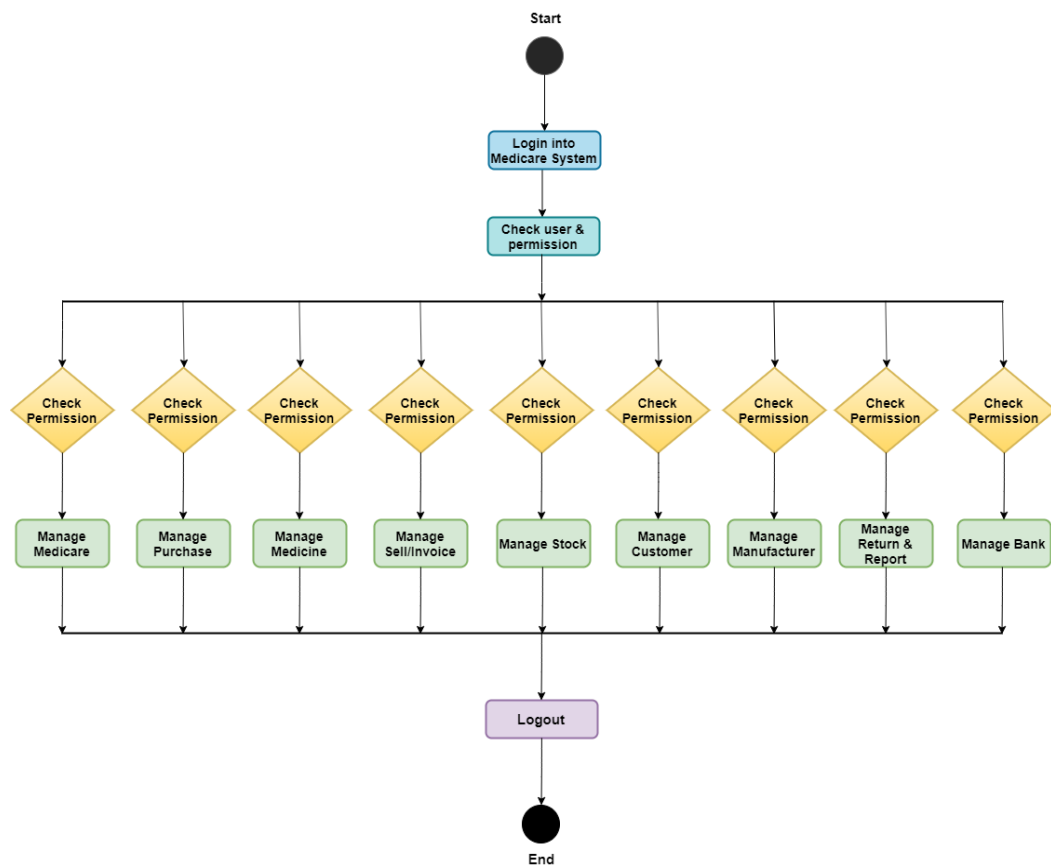


Figure 2.1.1.1: Activity Diagram of Medicare Automation System

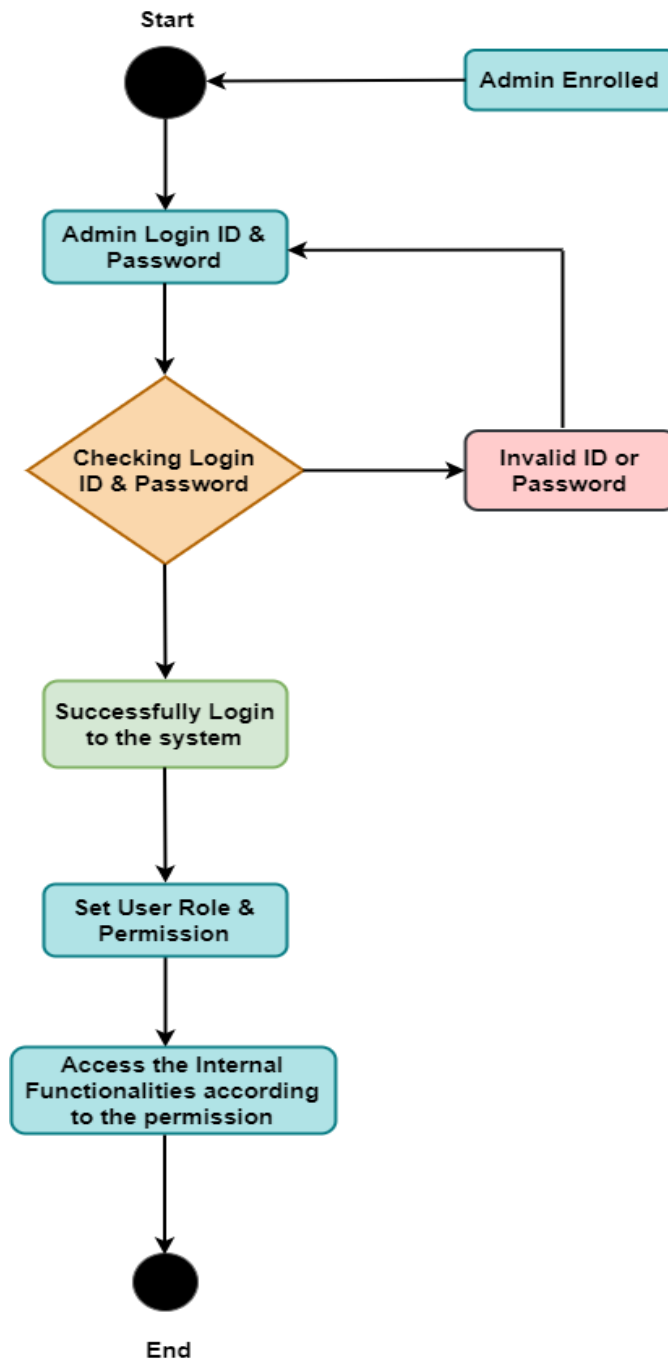


Figure 2.1.1.2: Login Activity Diagram of Medicare Automation System

2.1.2 Data Flow Diagram

Graphically, the Data-Flow Diagram (DFD) representing the functions, or processes, that capture, manipulate, store, and distribute information between a system and its setting and between elements of a system.

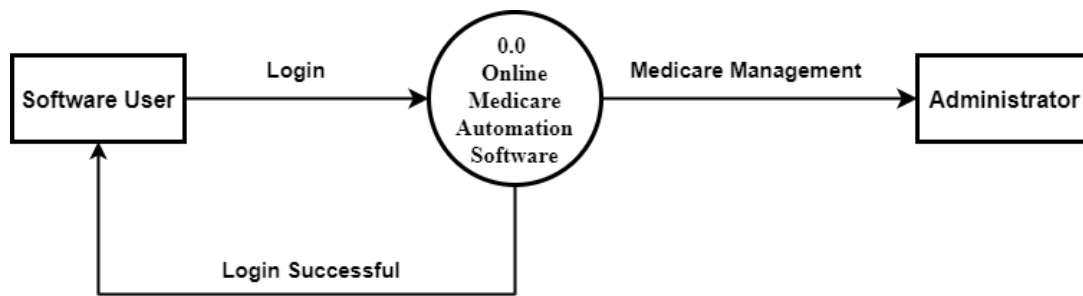


Figure 2.1.2.1: Data flow Diagram Level-0

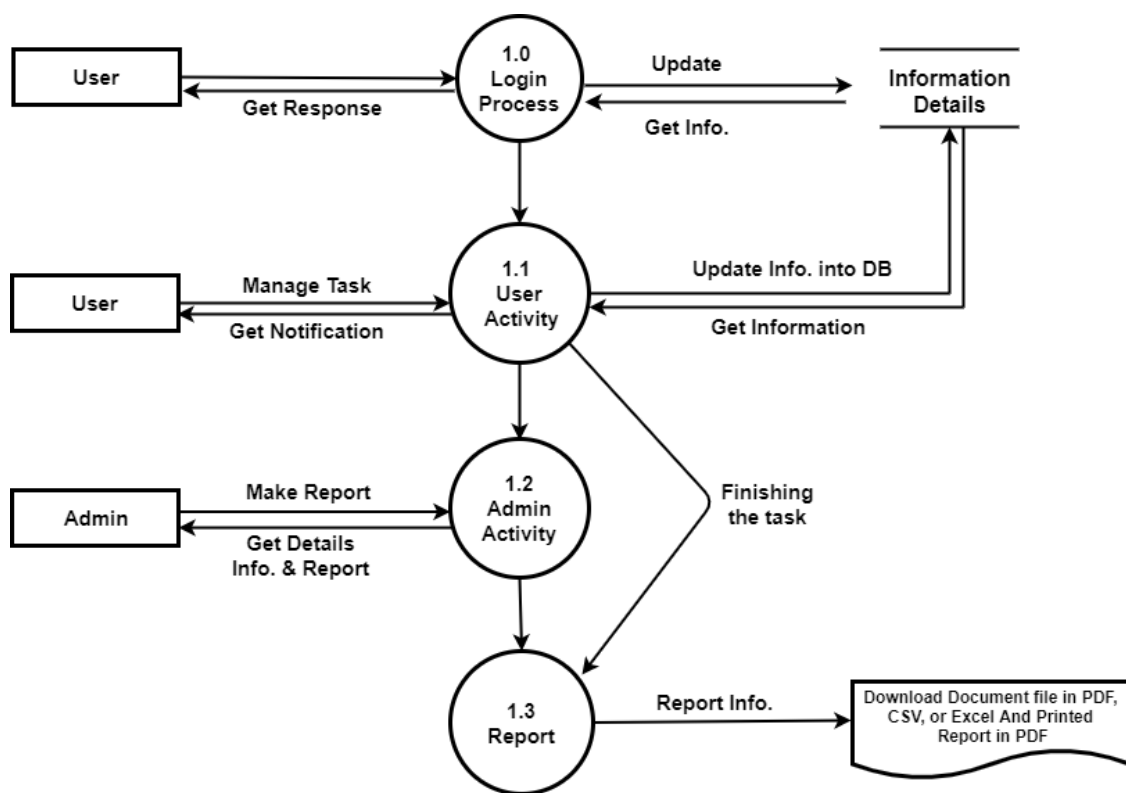


Figure 2.1.2.2 Data Flow Diagram Level-1

2.1.3 Class Diagram

In the Unified Modeling Language (UML) a class diagram is a type of static structure diagram that describes the structure of a system by showing the system's classes, their attributes, operations (or methods), and the relationships among objects.

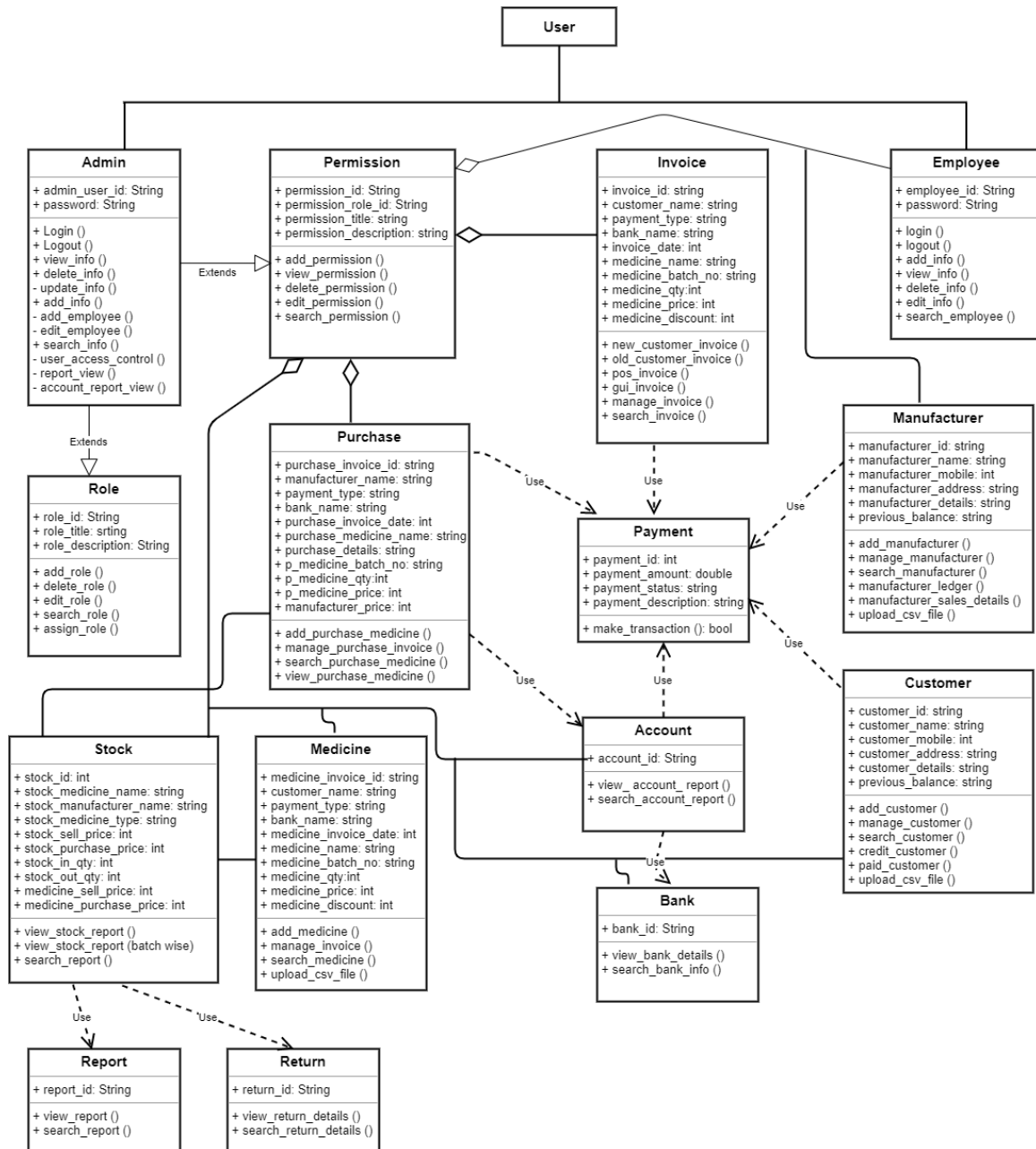


Figure 2.1.3.1: Class Diagram

2.1.4 Use-Case Diagram

Generally, any use case diagram is a user's interaction with the system that shows the relationship between the user and the different use cases in which the user is involved. Similarly, this use case diagram is showing user's interaction with my MAS automation software.



Figure 2.1.4.1: Use-case Diagram

2.2 Database Design

For developing a software design, the most important factor is that database design. Here, in this project used an MYSQL database that followed by RDBMS relationship methods.

2.2.1 Details of Database for Medicare Automation Software

Important table lists are mention below:

tbladmin: This table is demonstrated how will the whole system is administrated. The fields are:

Name	Type	Size
adminID	int	11
adminName	varchar	100
userID	varchar	100
password	varchar	250
adminType	tinyint	2
adminStatus	varchar	50
submitDate	datetime	
al_enu	tinyint	2
al_ea	tinyint	2
al_sc	tinyint	2
Al_sp	tinyint	2
m_word	varchar	50

Table 2.2.1.1: tbladmin

tblemployee: All information is about employee is stored in this table. The fields are,

Name	Type	Size
employeeID	int	12
employeeType	varchar	30
employeeName	varchar	100
employeeEmail	varchar	150
employeeAddress	varchar	150
employeePassword	varchar	50
employeeStatus	varchar	50
employeeSalary	int	12
employeeCity	varchar	100
employeeCountry	varchar	100
employeeZcode	varchar	30
employeeDesignation	varchar	100
employeePhone	varchar	50
employeeBlood	varchar	10

Table 2.2.1.2: tblemployee

tblmedicine: In this table will be stored all medicine related information. The fields are,

Name	Type	Size
medicineID	int	12
medicineName	Varchar	100
medicineCode	Varchar	100
medicineType	Varchar	50
medicineCategory	Varchar	100

medicineUnit	Varchar	30
medicineDetail	Varchar	100
medicineSellprice	int	11
medicineMprice	int	11

Table: 2.2.1.3: tblmedicine

tblcustomer: In this table will be stored all customer related information. The fields are,

Name	Type	Size
customerID	int	12
customerType	varchar	30
customerName	varchar	100
customerEmail	varchar	150
customerAddress	varchar	150
employeeStatus	varchar	50
customerBalance	int	12
employeePhone	varchar	50

Table: 2.2.1.4: tblcustomer

tblmanufacturer: In this table will be stored all manufacturer related information. The fields are,

Name	Type	Size
manufacturerID	int	12
manufacturerName	varchar	100
manufacturerEmail	varchar	150
manufacturerAddress	varchar	150
manufacturerStatus	varchar	50
manufacturerBalance	int	12
manufacturerPhone	varchar	50

Table: 2.2.1.5: tblmanufacturer

tblbank: In this table will be stored all bank related information The fields are,

Name	Type	Size
bankID	int	12
bankType	varchar	30
bankAname	varchar	100
bankAno	varchar	150
bankBranch	varchar	150
bankStatus	varchar	50
bankBalance	int	12

Table: 2.2.1.6: tblbank

tblpurchase: In this table will be stored all purchase related information. The fields are,

Name	Type	Size
purchaseID	int	12
purchaseBatch	varchar	10
purchaseName	Varchar	100
purchaseInvoice	Varchar	100
purchaseMname	Varchar	50
paymentType	Varchar	100
purchaseQty	Qty	30
purchaseDetail	Varchar	100
purchasePrice	int	11
purchaseDate	datetime	

Table: 2.2.1.7: tblpurchase

tblinvoice: In this table will be stored all invoice related information. The fields are,

Name	Type	Size
invoiceID	int	12
invoiceBatch	varchar	10
invoiceName	Varchar	100
invoiceDate	datetime	
paymentType	Varchar	100
invoiceQty	int	30
invoiceDetail	Varchar	100
invoicePrice	int	11

Table: 2.2.1.8: tblinvoice

tblstock: In this table will be stored all stock related information. The fields are,

Name	Type	Size
stockID	int	12
batchID	varchar	10
medicineName	Varchar	100
manufacturerName	Varchar	100
Medicine Type	Varchar	50
sellPrice	Varchar	100
inQty	Varchar	100
soldQty	Varchar	100
stockQty	varchar	100
stocksellPrice	varchar	100
stockpurchasePrice	varchar	100

Table: 2.2.1.9: tblstock

Chapter 3

Methodology

At present, the most sophisticated software development process is Agile Process. By using this methodology, one member can easily collaborate with others. In this process, the client can be included easily, because it assumed that the client is also an important part of the project team. The client has opportunities to behold the product and make a decision and changes to the project at any phase. At every stage, change is acceptable in this process. In order to more fully answer a user's needs, it is a process for managing a project separate by certain iteration and assistance. Moreover, we know that agile process is a continuous cycle of improvement. Indeed, in this project has no team members but I tried to build following the agile methodology.

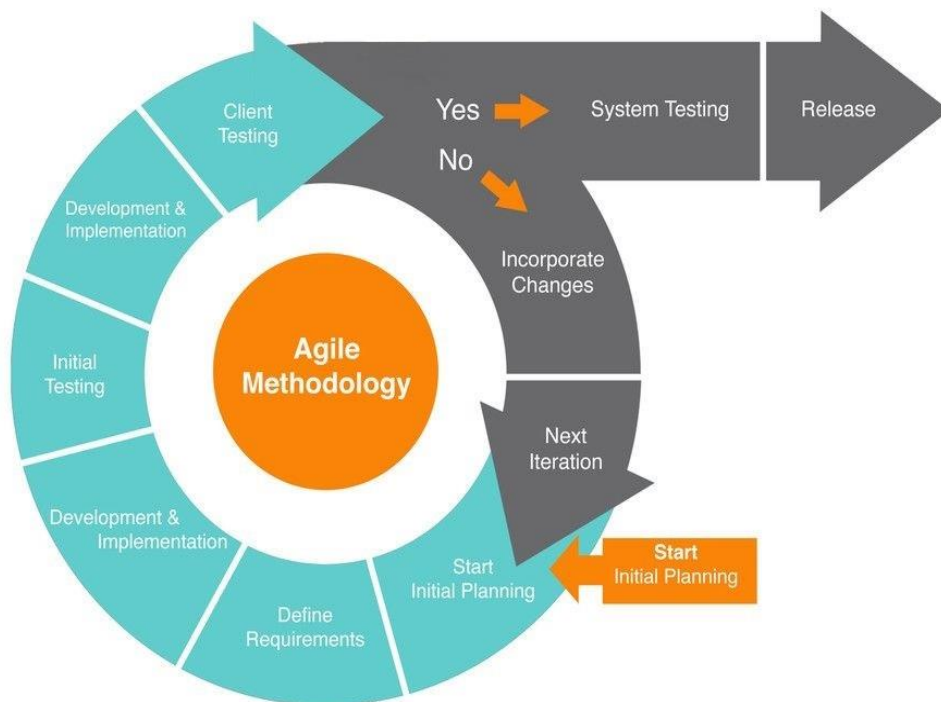


Figure 3.1: Agile Methodology

3.1 Technology

- Codeigniter – This one is a PHP framework with MVC architecture. It used to make the software lightweight, extendable and secured.
- Draw.io – used to design activity and use case diagram.
- Database Server – MySQL
- User Interface – Bootstrap framework, CSS3, JQuery & JavaScript.

3.2 Software Implementation

As mentioned above, this software is a web-based application. That's why to run this software it needs to be hosted in any web server, many of them Apache Server as the base server for hosting PHP MySQL applications as it is developed in PHP programming language and Codeigniter framework. For the operating system, any windows server can run this software. In addition, the client can access through browser from any location in the world, they have only needed the internet connection. Finally, to host and deploy only need a server. Moreover, for user training and relevant initial data entry for the first time implementation is required.

3.3 Software Testing

In terms of software testing suggests that the verification of application under test. It outlined, as an activity to examine whether or not the particular results match the expected results and to make sure that the final product or computer code is error and defect-free. Hence, it is a procedure to evaluate the functionality of any software application and measure the software performance. And this testing process is very important for software development. That is why this project is also tested and corrected according to the testing result. Here performed two types of software testing; such as,

- Black Box Testing
- White Box Testing

3.3.1 Black Box Testing

Black-box testing takes a look at follows the procedure to derive or choose test cases supported the associate analysis of the specification, either practical or non-functional, of a part or system while not relation to its internal structure. This testing is concentrated on the inputs and output of the computer code while not bothering regarding internal data of the code program.

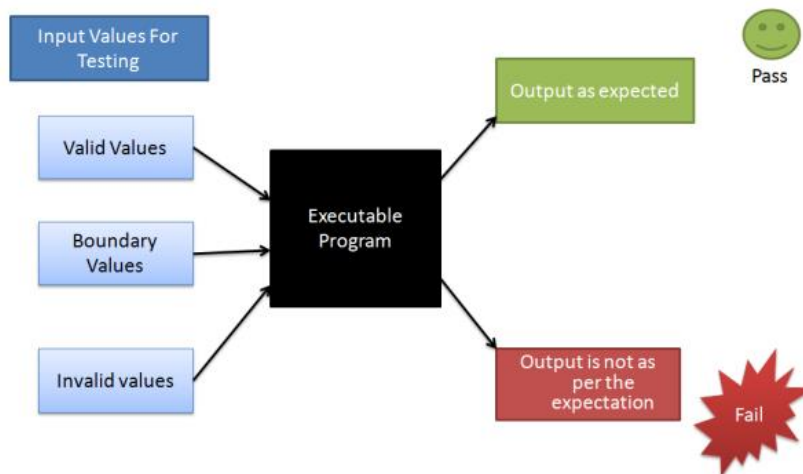


Figure 3.2: Black Box Testing

3.3.2 White Box Testing

White-box testing takes a look at follows the procedure to derive or choose test cases supported an analysis of the interior structure of a part or system. During this testing, code is visible to the tester. In addition, it focuses totally on corroborative the flow of inputs and outputs through the appliance, rising style, and usefulness, strengthening security.

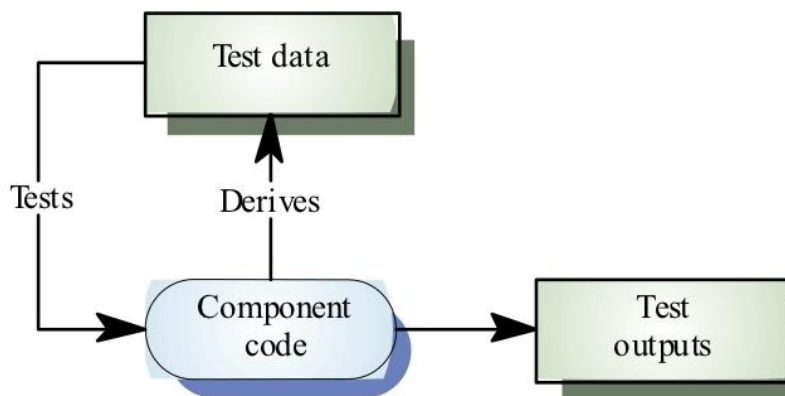


Figure 3.3: White Box Testing

Chapter 4

Results & Analysis

4.1 Major Features

Admin & User Login



Login

Please enter your login information.

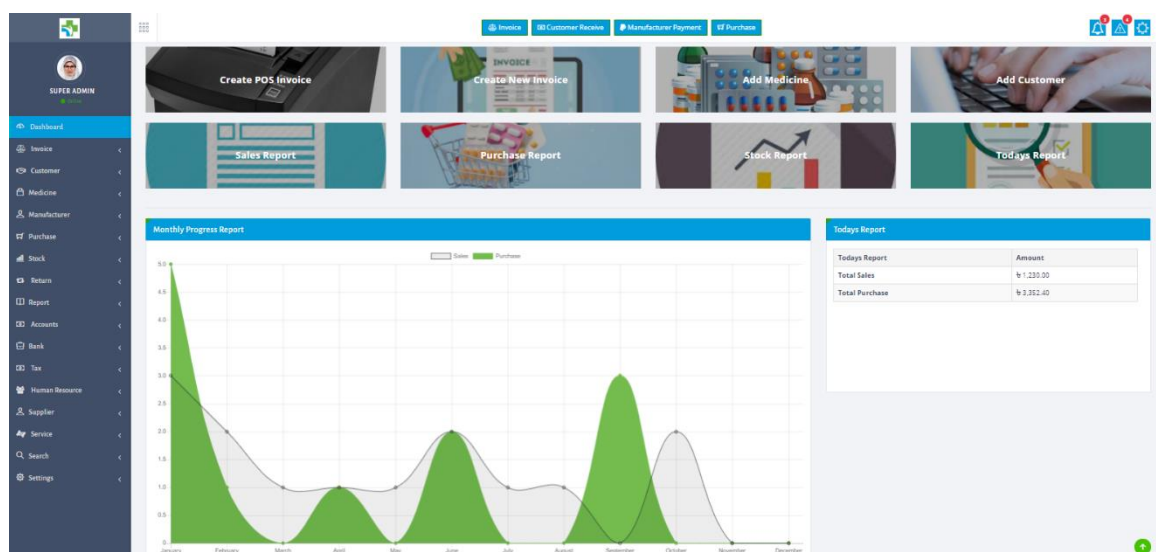
Email

Your unique email

Password

Your strong password

Smart Dashboard



The smart dashboard or can say the dynamic dashboard gives a real-time overview of all activities through the Medicare Automation System. For example, total selling and purchasing report, stock value report and so on.

Quick Medicine Stock Report

Out of Stock and Date Expired Medicine

Date Expired Medicine

Medicine Name	Batch ID	Expiry date
Viscon Cream	B-26	2020-01-04
Cetirizine Dihydrochloride	b-5	2019-12-04
Napa 500 Mg	B-6	2019-12-05

Out of Stock Medicine

Medicine Name	Medicine Type	Unit	Stock
A-Cal	Tablet	Ps	7
Alpatin	Drops	Boxes	0
Alphin-DS	Suspension	Box	5
Flexi	Tablet	Boxes	9

Close

After login as a super admin, then this quick medicine stock report will appear. To let him know that the stock report for at a glance and take a necessary step for future business plan and growth.

Invoice

The sales invoice used to keep a record of the sale. It provides a way to track the date a good is sold, how much quantity is sold, how much money is paid and any outstanding debt has or not. In this medicare automation software, I have applied three invoicing methods such as follows,

a) New Invoice

Through the system, to sell the medicine and keep save the information, need to create a new invoice.

New Invoice Today's Sale

Search By Product Select option

Barcode Or QRcode scan here OR Manual input barcode

Walking Customer

Item Information *	Batch	Expiry	Qty *	Price *	Dis %	Total	Action
Invoice Discount:							0.00
Total Discount:							0.00
Total Tax:							0.00
Grand Total:							0.00
Previous:							0.00
Change:							

Full Paid Save Sale

Net Total: 0 Paid Amount: 0.00 Due: 0.00

Manage Invoice

From here, can quickly check an invoice information and manage it instantly.

Manage Invoice
Manage your invoice

Start Date: End Date:

Show 10 entries

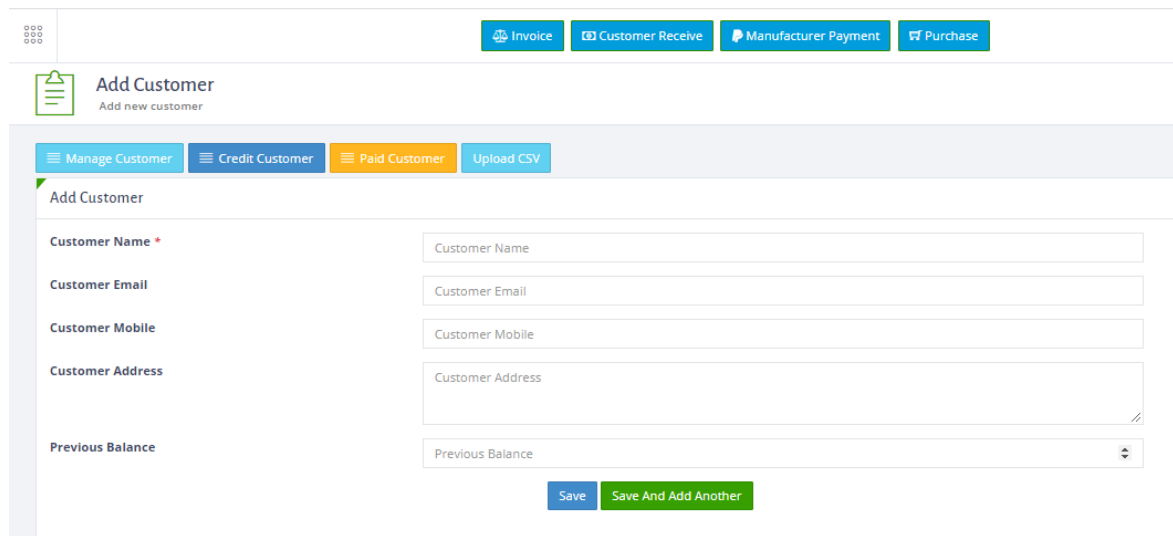
SL	Invoice No	Customer Name	Date	Total Amount	Action
1	1019	Walking Customer	2020-01-07	21.00	Edit Delete Print
2	1018	Walking Customer	2020-10-15	200.00	Edit Delete Print
3	1017	Sandra Glessner	2020-10-07	40.00	Edit Delete Print
4	1016	Walking Customer	2020-08-03	80.00	Edit Delete Print
5	1015	Walking Customer	2020-07-08	30.00	Edit Delete Print
6	1014	Walking Customer	2020-06-16	274.00	Edit Delete Print
7	1013	Walking Customer	2020-06-02	40.00	Edit Delete Print
8	1012	Walking Customer	2020-05-05	45.00	Edit Delete Print
9	1011	Walking Customer	2020-04-01	5.00	Edit Delete Print
10	1010	Raise Maimuna	2020-03-03	20.00	Edit Delete Print
Total:				755.00	

Customer

In business, the customer is the recipient of a good, service, or product. So, a person who buys goods or services from a shop, that person known as a customer. Through this software, who buys medicine or any service all entry and information will be stored in the database, can view all information, and can manage and so on.

a) Add Customer Form

Here, you can add any customer by filling the input fields at add customer form.



Add Customer
Add new customer

Manage Customer | Credit Customer | **Paid Customer** | Upload CSV

Add Customer

Customer Name *

Customer Email

Customer Mobile

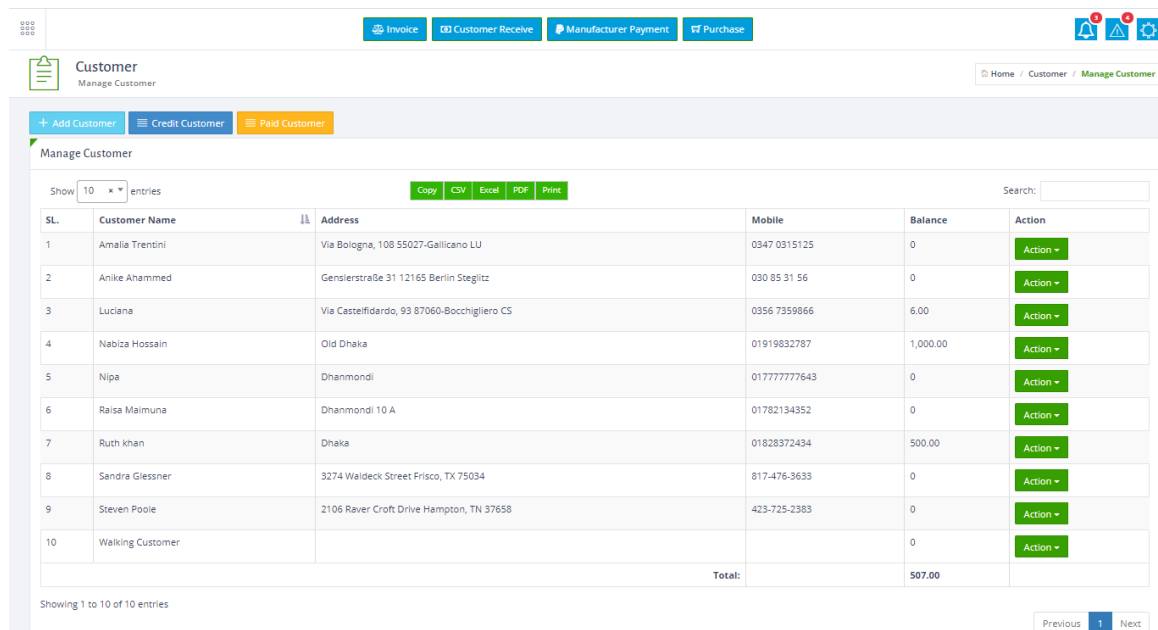
Customer Address

Previous Balance

Save Save And Add Another

b) Manage Customer

All included customer information will display here.



Customer
Manage Customer

Home / Customer / **Manage Customer**

+ Add Customer | Credit Customer | **Paid Customer**

Manage Customer

Show 10 entries [Copy](#) [CSV](#) [Excel](#) [PDF](#) [Print](#) Search:

SL	Customer Name	Address	Mobile	Balance	Action
1	Amalia Trentini	Via Bologna, 108 55027-Galliciano LU	0347 0315125	0	Action
2	Anike Ahammed	Genslerstraße 31 12165 Berlin Steglitz	030 85 31 56	0	Action
3	Luciana	Via Castelfidardo, 93 87060-Bocchigliero CS	0356 7359866	6.00	Action
4	Nabiza Hossain	Old Dhaka	01919832787	1,000.00	Action
5	Nipa	Dhanmondi	01777777643	0	Action
6	Raisa Maimuna	Dhanmondi 10 A	01782134352	0	Action
7	Ruth Khan	Dhaka	01828372434	500.00	Action
8	Sandra Glessner	3274 Waldeck Street Frisco, TX 75034	817-476-3633	0	Action
9	Steven Poole	2105 Raver Croft Drive Hampton, TN 37658	423-725-2383	0	Action
10	Walking Customer			0	Action
Total:				507.00	

Showing 1 to 10 of 10 entries

Previous 1 Next

c) Credit Customer Information

Here will display customer information who are not clear there payment.

Credit Customer
 Manage your credit customer

[Home](#) / [Customer](#) / [Credit Customer](#)

[+ Add Customer](#)
[Manage Customer](#)
[Paid Customer](#)

Show 10 entries

Copy CSV Excel PDF Print

Search:

SL.	Customer Name	Address	Mobile	Balance	Action
1	Luciana	Via Castelfidardo, 93 87060-Bocchigliero CS	0356 7359866	6.00	Action
2	Nabiza Hossain	Old Dhaka	01919832787	1,000.00	Action
3	Ruth khan	Dhaka	01828372434	500.00	Action
Total:				507.00	

Showing 1 to 3 of 3 entries

[Previous](#)
[1](#)
[Next](#)

d) Paid Customer Information

Here will display customer information who are cleared there payment.

Customer
 Paid Customer

[Home](#) / [Customer](#) / [Paid Customer](#)

[+ Add Customer](#)
[Manage Customer](#)
[Credit Customer](#)

Show 10 entries

Copy CSV Excel PDF Print

Search:

SL.	Customer Name	Address	Mobile	Balance	Action
1	Amalia Trentini	Via Bologna, 108 55027-Gelliciano LU	0347 0315125	0.00	Action
2	Anike Ahammed	Genslerstraße 31 12165 Berlin Steglitz	030 85 31 56	0.00	Action
3	Nipa	Dhanmondi	017777777643	0.00	Action
4	Raisa Maimuna	Dhanmondi 10 A	01782134352	0.00	Action
5	Sandra Giessner	3274 Waldeck Street Frisco, TX 75034	817-476-3633	0.00	Action
6	Steven Poole	2106 Raver Croft Drive Hampton, TN 37658	423-725-2383	0.00	Action
7	Walking Customer			0.00	Action
Total:				0.00	

Showing 1 to 7 of 7 entries

[Previous](#)
[1](#)
[Next](#)

Medicine

This part is very important for this system, because the whole system built for medicine purchases, sales and monitor of all other necessary parts of the medicine business such as follows,

a) Add Medicine Type

Here, you can add any medicine type of name by typing the medicine type of name into the input fields and press on save button.

Add Manufacturer
 Add New Manufacturer

Manage Manufacturer
 Manufacturer Ledger
 Manufacturer Sales Details
 Upload CSV

Add Manufacturer

Manufacturer Name *

Manufacturer Mobile

Manufacturer Address

Manufacturer Details

Previous Balance

Save
 Save And Add Another

b) Managing Manufacturer Details

When click on any specific Manufacturer Name, then gets that Manufacturer Ledger details information.

Manage Manufacturer
 Manage your Manufacturer

Home / Manufacturer / **Manage Manufacturer**

+ Add Manufacturer
 Manufacturer Ledger
 Manufacturer Sales Details

Manage Manufacturer

Copy CSV Excel PDF Print
 Search:

Manufacturer ID	Manufacturer Name	Address	Mobile	Details	Action
1	Baximco Ltd	Dhaka	0987666	Beximco Pharmaceuticals Ltd, also known as Beximco Pharma, is a pharmaceutical company in Bangladesh. It is part of the Beximco Group of Companies.	
2	ACI Limited	Dhaka	01518468638	ACI or Advanced Chemical Industries is one of the largest Bangladeshi conglomerates.	
3	Acme Limited	Dhaka	01518468638	The ACME Laboratories Ltd is a pharmaceutical company based in Bangladesh. It is part of the ACME Group of Companies.	
4	Sanofi Pasteur	Lyon, France	01518468638	Sanofi Pasteur is the vaccines division of the multinational pharmaceutical company Sanofi.	
5	Square Ltd.	SQUARE Centre 48, Mohakhali C/A Dhaka 1212, Bangladesh	028859086	Square Pharmaceuticals Limited, the flagship company of Square Group, is holding the strong leadership position in the pharmaceutical industry of Bangladesh	
6	Kazi Chemicals	Dhaka	0285734785		
7	Apollo Pharmaceutical	Gulshan Ave, Dhaka 1212	01567688923	New Apollo Pharma	

c) Manufacturer Ledger

Initially, here you will get all purchase from manufacturer Ledger history. In addition, here have a specific manufacturer ledger information **searching** and **printing** option by **Manufacturer Name** and **Date range wise**. Moreover, to know the medicine information, click on the **Invoice No.**

Add Purchase
Add new purchase

Home / Purchase / Add Purchase

Upload CSV Purchase

Add Purchase

Manufacturer * Purchase Date *

Invoice No * Details

Payment Type *

Item Information *	Batch ID *	Expiry date *	Stock/Qnt	Quantity *	Manufacturer Price *	Total	Action
Medicine Name	Batch ID	Expiry date	0.00	0.00	0.00	0.00	Delete
Grand Total:						0.00	

[Add New Item](#) [Submit](#)

b) Uploading CSV Medicine Purchase File

Into the system, you can upload listed Purchase medicine CSV file at any time.

Add Purchase
Add new purchase

Home / Purchase / Add Purchase

Upload CSV Purchase

Add Purchase

Manufacturer * Purchase Date *

Invoice No * Details

Payment Type *

Item Information *	Batch ID *	Expiry date *	Stock/Qnt	Quantity *	Manufacturer Price *	Total	Action
Medicine Name	Batch ID	Expiry date	0.00	0.00	0.00	0.00	Delete
Grand Total:						0.00	

[Add New Item](#) [Submit](#)

Upload Csv Purchase

CSV Purchase [Download Sample File](#)

Upload CSV File * [Choose File](#) No file chosen

[Submit](#) [Close](#)

c) Managing Medicine Purchases

Here, all medicine purchasing information will be available such as medicine manufacturer name, purchase date, invoice no and so on. In addition, here you can search your medicine by date range selecting, then can edit or delete unnecessary information. Also can export the information by CSV, Excel, PDF file or print out if need.

Manage Purchase

Manage your purchase

[Home](#) / [Purchase](#) / [Manage Purchase](#)

From

Start Date

To

End Date

Find

Show

10

x

entries

Copy

CSV

Excel

PDF

Print

Search:

SL	Invoice No	Purchase ID	Manufacturer Name	Purchase Date	Total Amount	Action
1	Invoice-22	20200106103100	ACI Limited	2020-09-22	24.00	Add Edit Delete
2	Invoice-20	20200106102006	Square Ltd.	2020-09-15	1154.20	Add Edit Delete
3	Invoice-21	20200106102905	Acme Limited	2020-09-02	1.00	Add Edit Delete
4	Invoice-19	20200106095822	Acme Limited	2020-06-17	1.00	Add Edit Delete
5	Invoice-18	20200106095623	Sanofi Pasteur	2020-06-11	13000.00	Add Edit Delete
6	Invoice-17	20200106094751	Sanofi Pasteur	2020-04-15	7533.50	Add Edit Delete
7	Invoice-14	20200105190615	Sanofi Pasteur	2020-02-10	7533.50	Add Edit Delete
8	Invoice-15	20200106053451	ACI Limited	2020-01-06	3000.00	Add Edit Delete
9	Invoice-17	20200106054221	Square Ltd.	2020-01-06	352.40	Add Edit Delete
10	Invoice-12	20200105182505	Baximco Ltd	2020-01-05	140.00	Add Edit Delete
Total:					32739.60	

Showing 1 to 10 of 25 entries

Previous

1

2

3

Next

Stock

Stock maintain is also important to maintaining the right balance of stock in warehouses and to increase productivity and efficiency, creates a more organized warehouse, improves the accuracy of inventory orders, keeps customers coming back for more and so on.

Invoice

Customer Receive

Manufacturer Payment

Purchase

[Home](#) / [Stock](#) / [Stock Report](#)

Print

Export Csv

Show

10

x

entries

Copy

CSV

Excel

PDF

Print

Search:

SL	Medicine Name	Manufacturer Name	Medicine Type	Sell Price	Purchase Price	In Quantity	Sold QTY	Stock	Stock Sell Price	Stock Purchase Price
1	A-Cal(1)	Acme Limited	Tablet	2	1.00	7.00		7	14	7
2	Abetis Plus()	ACI Limited	Tablet	15	12.00	212.00	17	195	2925	2340
3	Alpatin(0.5 mg/ml)	Baximco Ltd	Drops	160	150.00			0	0	0
4	Alphin-DS(400mg)	Baximco Ltd	Suspension	22	20.00	7.00	2	5	110	100
5	Avaxin IM Injection(0.5 ml)	Sanofi Pasteur	vaccine	800	753.35	81.00	1	80	64000	60268
6	Betanol Teblate(100 mg)	Sanofi Pasteur	Tablet	137	130.00	100.00	2	98	13426	12740
7	Cetirizine Dihydrochloride(5 mg/5 ml)	Square Ltd.	Syrup	35	30.10	420.00		420	14700	12642
8	Flexi(200 mg)	Apollo Pharmaceutical	Tablet	20	15.00	10.00	1	9	180	135
9	Napa 500 Mg()	Baximco Ltd	Tablet	1	0.75	200.00	39	161	161	120.75
10	Sibulin(5 mg)	Square Ltd.	Capsule	7	5.02	120.00	8	112	784	562.24
Total:								1087	96300	88914.99

Showing 1 to 10 of 13 entries

Previous

1

2

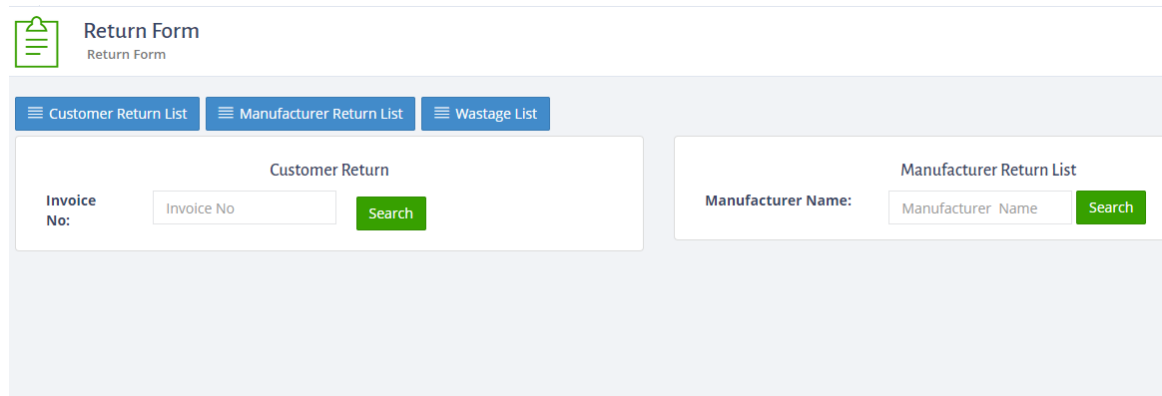
Next

Return

After purchasing medicine from manufacturer, then medicine expire, date may be over, or may have some defects in that case medicine needs to return to the manufacturer for cash back. Similarly, after selling medicine to a customer, then the customer can return any medicine to you for any logical reason. This software can perform both actions.

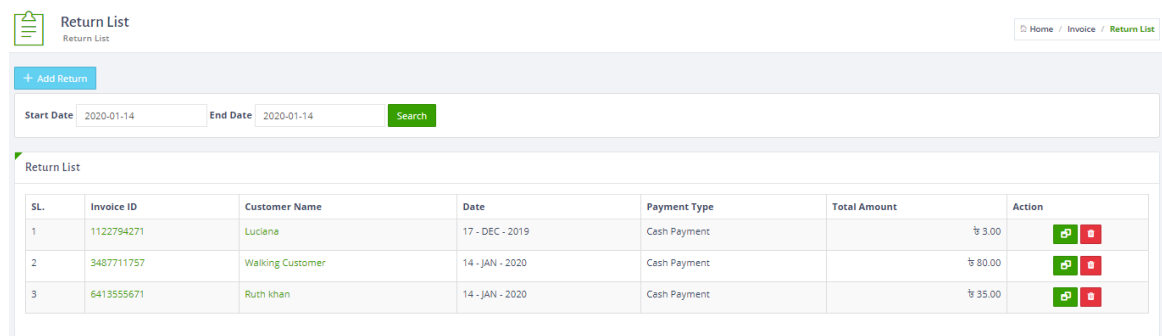
a) Return Form

If need to return any medicine to manufacturer after purchasing or customer wants to return any medicine after selling, then by using this form you can easily handle this kind of task and can save all the information through the system for further inquiry.



b) Customer/Stock Return List

Here, you will get a quick overview of medicine return by customer information, and for more details to know about which medicine returns, its quantity or amount just click on an Invoice ID and Customer Name for Customer ledger. In addition, if need can search data by selecting specific date range, then click on search button.



SL	Invoice ID	Customer Name	Date	Payment Type	Total Amount	Action
1	1122794271	Luciana	17 - DEC - 2019	Cash Payment	₹ 3.00	 
2	3487711757	Walking Customer	14 - JAN - 2020	Cash Payment	₹ 80.00	 
3	6413555671	Ruth khan	14 - JAN - 2020	Cash Payment	₹ 35.00	 

Report

By using this software, multiple type of reports can generate. Those are mention as follows:

a) Today's Report

Here, will get on going day all sales and purchases medicine quantity and total sailing and purchasing price.


Todays Report
 Todays sales and purchase report
 Home / Report / Todays Report

[Sales Report](#)
[Purchase Report](#)
[Sales Report \(Medicine Wise\)](#)

Todays Sales Report
Print

Smart Medicine Shop
Dhaka, Bangladesh
Print Date: 14/01/2020 05:57:35

Sales Date	Invoice No	Customer Name	Total Amount
14 - JAN - 2020	6413555671	Ruth khan	৳ 70.00
Total Sales:			৳ 70.00

Todays Purchase Report
Print

Smart Medicine Shop
Dhaka, Bangladesh
Stock Date : 14-01-2020
Print Date: 14/01/2020 05:57:35

Purchase Date	Invoice No	Manufacturer Name	Total Amount
14 - JAN - 2020	Invoice-23	Sanofi Pasteur	৳ 1950.00
Total Purchase:			৳ 1,950.00

b) Sales Report

Here, you will get a quick overview of medicine sales report, and can search data by selecting specific date range, and then click on search button. For more details, to know about which medicine sales, what is quantity, amount, and price just click on an Invoice ID. In addition, click on Customer Name for Customer ledger information.


Sales Report
 Total Sales Report
 Home / Report / Sales Report

[Todays Report](#)
[Purchase Report](#)
[Sales Report](#)

Start Date: 2019-10-01 End Date: 2020-01-14 Search Print

Sales Report

Smart Medicine Shop
Dhaka, Bangladesh
Print Date: 14/01/2020 11:59:09

Sales Date	Invoice No	Customer Name	Total Amount
14 - JAN - 2020	1020	Ruth khan	৳ 70.00
7 - JAN - 2020	1019	Walking Customer	৳ 21.00
6 - JAN - 2020	1006	Walking Customer	৳ 220.00
6 - JAN - 2020	1007	Walking Customer	৳ 1010.00
5 - JAN - 2020	1005	Raisa Maimuna	৳ 22.00
18 - DEC - 2019	1003	Walking Customer	৳ 10.00
18 - DEC - 2019	1004	Walking Customer	৳ 75.00
Total Sales			৳ 1428

c) Purchase Report

Here, you will get a quick overview of medicine purchases report, and can search data by selecting specific date range, and then click on search button. For more details, to know about which medicine purchase, what is quantity, amount, and price just click on an Invoice ID.

Purchase Report
 Total Purchase Report

[Home](#) / [Report](#) / [Purchase Report](#)

[Todays Report](#)
[Sales Report](#)
[Sales Report \(Medicine Wise\)](#)

Start Date: 2019-11-01 End Date: 2020-01-14
 [Search](#)
[Print](#)

Purchase Report

Smart Medicine Shop
 Dhaka, Bangladesh
 Print Date: 14/01/2020 12:02:02

Sales Date	Invoice No	Manufacturer Name	Total Amount
14 - JAN - 2020	Invoice-23	Sanofi Pasteur	৳ 1950.00
6 - JAN - 2020	Invoice-15	ACI Limited	৳ 3000.00
6 - JAN - 2020	Invoice-17	Square Ltd.	৳ 352.40
5 - JAN - 2020	Invoice-12	Baximco Ltd	৳ 140.00
1 - JAN - 2020	Invoice-13	Apollo Pharmaceutical	৳ 150.00
1 - JAN - 2020	Invoice-16	ACI Limited	৳ 450.00
18 - DEC - 2019	Invoice-11	ACI Limited	৳ 120.00
4 - DEC - 2019	Invoice-6	Square Ltd.	৳ 50.20
4 - DEC - 2019	Invoice-9	Sanofi Pasteur	৳ 15067.00
21 - NOV - 2019	1000	Baximco Ltd	৳ 75.00
Total Purchase			৳ 21354.6

d) Profit Loss Report (Manufacturer/Medicine Wise)

Here, to get profit loss report simply need to select manufacturer/Medicine name and select Start date & End date, then click on view report button.

Profit/Loss Report(Manufacturer)
 Total profit report

[Invoice](#)
[Customer Receive](#)
[Manufacturer Payment](#)
[Purchase](#)

[Todays Report](#)
[Purchase Report](#)
[Sales Report \(Medicine Wise\)](#)
[Sales Report](#)

Manufacturer Name *
 Start Date: 2020-01-14 End Date: 2020-01-14
 [View Report](#)

Accounts

We know, accounts area unit the individual record of associate quality, a liability, a revenue, associate expense or capital, in an exceedingly summarized manner. As an example, the individual record of sales is 'sales account' and so on. Here, I tried to process the recording and summarizing financial information in a useful way.

a) Chart of Account

A chart of accounts could be a listing of the names of the accounts utilized in the final ledger of your organization. In general, the associate account could be a distinctive record for every kind of quality, liability, equity, revenue, and expense.

The screenshot displays the 'Accounts' software interface. On the left, a tree view titled 'Chart Of Account' shows a hierarchy of accounts. The 'Assets' category is expanded, showing 'Current Asset' (highlighted) and 'Non Current Assets'. Under 'Current Asset', there are sub-accounts: 'Account Receivable', 'Advance, Deposit And Pre-payments', and 'Cash & Cash Equivalent'. Other main categories include 'Equity', 'Expense', 'Income', and 'Liabilities'. On the right, a details panel for the selected 'Current Asset' account shows the following information:

Head Code	102
Head Name	Current Asset
Parent Head	Assets
Head Level	1
Head Type	A

Below the details panel, there are checkboxes for 'IsTransaction' (unchecked), 'IsActive' (checked), and 'IsGL' (unchecked). At the bottom of the panel are 'New' and 'Update' buttons.

b) Manufacturer Payment Form

All manufacturer's payment status information can be stored by using this form.

Accounts

Manufacturer Payment

Home / Accounts / Manufacturer Payment

Manufacturer Payment

Voucher NO

PM-1

Date

2020-01-14

Payment Type *

Select option

Transaction Details

Manufacturer Name	Code	Amount
Select option		
Total		

Save

c) Supplier Payment Form

All supplier's payment status information can be stored by using this form.

Accounts

Supplier Payment

Home / Accounts / Supplier Payment

Supplier Payment

Voucher NO

PS-1

Date

2020-01-14

Transaction Details

Supplier Name	Code	Amount
Lauren Maier	50205000005	500
Total		500.00

Save

d) Payment Receive from Customer Form

Payment received from customer status information can be stored by using this form.

Accounts

Customer Receive

Home / Accounts / Customer Receive

Customer Receive

Voucher NO

CR-1

Date

2020-01-14

Transaction Details

Customer Payment

Customer Name	Code	Amount
Ruth khan	10203000009	70
Total		70.00

Save

e) Credit Voucher Form

These credit vouchers are unit the documentary proof of money receipts. It is ready to record varied money receipts about the business. As an example, Sale of products for cash; Sale of fastened assets or investment for cash; money received from Debtors, etc.

The screenshot shows the 'Credit voucher' form in an accounting application. The breadcrumb trail is 'Home / Accounts / Credit voucher'. The form includes the following fields:

- Voucher NO:** CV-1
- Account Head:** Cash In Hand
- Transaction Date:** 2020-01-14
- Transaction Details:** Advertisement Payment

Below these fields is a table with the following columns: Account Name, Code, Amount, and Action.

Account Name	Code	Amount	Action
Advertisement and ...	4020602	1000	
Total		1000.00	

There is an 'Add More' button on the left and a 'Save' button on the right.

f) Debit Voucher Form

These debit vouchers are documentary proof of money payments. It is ready to stay records of assorted money payments with reference to the business together with capital and revenue payments. Example of the debit voucher, payment of wages and salaries, purchase of the plant by money; Purchase of products for cash, etc.

The screenshot shows the 'Debit Voucher' form in an accounting application. The breadcrumb trail is 'Home / Accounts / Debit Voucher'. The form includes the following fields:

- Voucher NO:** DV-1
- Account Head:** Cash In Hand
- Transaction Date:** 2020-01-14
- Transaction Details:** Bank Charge Payment

Below these fields is a table with the following columns: Account Name, Code, Amount, and Action.

Account Name	Code	Amount	Action
Bank Charge	4021002	500	
Total		500.00	

There is an 'Add More' button on the left and a 'Save' button on the right.

g) Contra Voucher

A contra voucher is that the internal movement of funds that has no business impact. Which means that money is moving across accounts. As an example, money is moving from cashier to bank, which means brokerage account to checking account.

In addition, that we decided it money Deposit, however typically perhaps in reverse of this group action, that's checking account to a brokerage account, it has referred to as money Withdrawal. Once you could possess quite one checking account. Therefore, once your business needs to transfer cash from one checking account to a different checking account, in those cases you will use contra voucher.

Accounts

Contra Voucher

Home / Accounts / Contra Voucher

Contra Voucher

Voucher NO

Contra-1

Transaction Date

2020-01-14

Transaction Details

Cash Withdraw From DBBL Account

Account Name	Code	Debit	Credit	Action
DBBL	102010203	5000	5000	
Add More	Total	5000.00	5000.00	

Save

h) Journal Voucher

In accounting transactions, a journal voucher may be a document that held on essential data. We know, dealing involving cash. And this cash is usually protected by a payment voucher or receipt. The equivalent backs up the document for dealing not involving the movement of cash name is a journal voucher. For instance, 'non-cash' transactions embody recognizing a donation in a similar way of a pc, to correct a secret writing error in a previous closed month, to charge interest on a loan or depreciate mounted assets.

Accounts

Journal Voucher

Home / Accounts / Journal Voucher

Journal Voucher

Voucher No

Journal-1

Transaction Date

2020-01-14

Transaction Details

Bank Interest Payment Voucher

Account Name	Code	Debit	Credit	Action
Bank Interest	30203	1000	1000	
Add More	Total	1000.00	1000.00	

Save

i) Approving Voucher

Without approving any voucher from here, then those vouchers transaction is not executing through the system.

 Accounts Approve Voucher		Home / Accounts / Debit Voucher				
	Voucher NO	Transaction Date	Transaction Details	Debit	Credit	Action
1	DV-1	2020-01-14	Bank Charge Payment	0.00	500.00	Approve Cancel
2	DV-1	2020-01-14	Bank Charge Payment	500.00	0.00	Approve Cancel
3	CV-1	2020-01-14	Advertisement Payment	1000.00	0.00	Approve Cancel
4	CV-1	2020-01-14	Advertisement Payment	0.00	1000.00	Approve Cancel

j) Accounts Report

Here, I have tried to cover all accounting reports of Pharmacy transactions through this software. For example,

1) Cash Book Report

Cash Book is a financial journal that contains all cash receipts & disbursements including bank deposits & withdrawals. In the cashbook, entries then posted into the general ledger. All transactions in the cash book two sides: Debit & Credit.

Cash Book

From Date

2020-01-01

To Date

2020-01-05

Find



Smart Medicine Shop

Dhaka, Bangladesh
01767314041

Date: 14-Jan-2020

(From 2020-01-01 To 2020-01-05)

							Opening Balance	61,148.87
SL.	Date	Voucher NO	Voucher Type	Particulars	Transaction Details	Debit	Credit	Balance
1	2020-01-01	20200106053715	Purchase	Cash In Hand	Cash In Hand For Purchase No20200106053715	0.00	450.00	60,698.87
2	2020-01-05	20200105182505	Purchase	Cash In Hand	Cash In Hand For Purchase No20200105182505	0.00	140.00	60,558.87
Total						0.00	590.00	60,558.87

Print

2) Bank Book Report

Bank Book report is also a subsidiary book similar to the Cash Book report, which records all the receipts and payments made through the bank. It is also known as Bank Journal. Generally, a bankbook consists of two sides, Receipts side and payment side. Receipts debited and payments credited in the bankbook. Therefore, maintaining a bank journal helps to ease the process of bank reconciliation. It also helps to decrease the chances of missing entries or any mistake.

Accounts
Bank Book

Home / Accounts / Bank Bo

General Ledger Head

DBBL

Account Code

102010203

From Date

2020-01-01

To Date

2020-01-14

Find



Smart Medicine Shop
Dhaka, Bangladesh
01767314041

Date: 14-Jan-2020

DBBL 2020-01-01 To 2020-01-14

SL.	Date	Voucher NO	Type	Account Head	Debit	Credit	Balance
1	2020-01-05	3847551584	INVOICE	DBBL	22.00	0.00	22.00
Total					22.00	0.00	22.00

3) General Ledger Report

Here, the General Ledger report shows you all the financial activity for your business. Generally, this Ledger made up of a chart of accounts. These accounts are categories that show you where your money is going such as, you can see the money going in and out of your checking accounts; the sales you have made, or the expenses you have paid out.



Accounts

General Ledger

General Ledger Head

Select option

Transaction Head

Select option

From Date

Date

To Date

Date

☐ With Details

Find

4) Inventory Ledger Report

In accounting, a list ledger may be a document or laptop record that tracks inventory transactions. During this ledger, the overall of all transactions listed ought to match the overall for the corresponding account within the ledger. As an example, paying a provider for services rendered or merchandise delivered, paying a merchant with money and a note to get possession of a property or product at one time owned by the vendor, paying Associate in nursing worker for hours worked, receiving payment from a client in exchange for merchandise or services delivered.



Accounts

Inventory Ledger

Home / Accounts / Inventory Ledger

From Date

2020-01-07

To Date

2020-01-14

Find



Smart Medicine Shop
Dhaka, Bangladesh
01767314041

Date: 14-Jan-2020

(From 2020-01-07 To 2020-01-14)

					Opening Balance		89,700.04
SL.	Date	Voucher NO	Type	Account Head	Debit	Credit	Balance
1	2020-01-07	7371657656	INVOICE	Inventory		0.00	15.06
2	2020-01-12	MD9Z8j7W4H	PR Balance	Inventory		0.00	500.00
3	2020-01-12	P5I91LYUAP	PR Balance	Inventory		0.00	1,000.00
4	2020-01-14	20200114055728	Purchase	Inventory	1,950.00	0.00	90134.98
5	2020-01-14	6413555671	INVOICE	Inventory		0.00	60.20
Total					1,950.00	1,575.26	90,074.78

5) Cash Flow Report

It is a statement of the flows of cash both in and out. It details the sources and uses of cash in relation to a business's operations, investments, and financing. It often consider as the most reliable source of information when it comes to the cash-generation capacity of your company.



Accounts

Cash Flow

From Date

2020-01-01

To Date

2020-01-31

Find



Smart Medicine Shop

Dhaka, Bangladesh
01767314041

Date: 14-Jan-2020

Cash Flow Statement

On 2020-01-01 To 2020-01-31

Particulars	Amount In Dollar
Opening Cash and Equivalent:	
Cash In Hand	-1,303
Total Opening Cash & Cash Equivalent	-1,303
<u>Cashflow from Operating Activities</u>	
Cash & Cash Equivalent	1,303
Payment for Other Operating Activities	-3,590.00
Cash generated from Operating Activities before Changing in Operating Assets & Liabilities	-2,287
<u>Cashflow from Non Operating Activities</u>	
Cash generated from Non Operating Activities before Changing in Operating Assets & Liabilities	0
Increase/Decrease in Operating Assets & Liabilities	
Total Increase/Decrease	0
Net Cash From Operating/Non Operating Activities	-2,287
<u>Cash Flow from Investing Activities</u>	
Net Cash Used Investing Activities	0
<u>Cash Flow from Financing Activities</u>	
Net Cash Used Financing Activities	0
Net Cash Inflow/Outflow (Profit Loss -2,287)	-3,590
Closing Cash & Cash Equivalent:	
Cash In Hand	-1,303
Total Closing Cash & Cash Equivalent	-1,303

Prepared By

Accounts

Authorized Signature

Chairman

Print

PDF

6) Profit-Loss Statement Report

The Profit and Loss Report may be a report that shows your total financial gain and total Expenses in a very specific amount of your time. Moreover, it is an extremely helpful Report because it shows you; your profit or loss supported your financial gain & Expenses, which are often wont to return up with some cost-cutting methods.

**Accounts**
Profit Loss Statement

From Date

From Date

To Date

To Date

Find

**Accounts Report**
Profit Loss Statement

Home / Accounts / Profit Loss Statement

From 2020-01-01 To 2020-01-31

Particulars	Amount
Income	
Product Sale	1,825.00
	1,825.00
Expenditure	
Product Purchase	5,542.40
	5,542.40
Profit-Loss (Loss)	-3,717.40

Prepared By: _____ Accounts

Print

7) Trial Balance Report

The Trial Balance report is the sum of debits and credits for every account of your business. It helps to identify discrepancies in your account totals, produce financial statements and ensure that your accounts balance for a given period.



Accounts

Trial Balance

From Date

From Date

To Date

To Date

☐ With Details

Find



Accounts

Trial Balance

[Home](#) / [Accounts](#) / [Trial Balance](#)



Smart Medicine Shop

Dhaka, Bangladesh
01767314041

Date: 14-Jan-2020

From 2020-01-01 To 2020-01-31

Code	Account Name	Debit	Credit
10201	Cash & Cash Equivalent	0.00	3,381.00
1020102	Cash At Bank	0.00	2,078.00
50205	Supplier Ledger	500.00	0.00
	Profit-Loss	4,959.00	0.00
Total		5,459.00	5,459.00

Prepared By

Accounts

Print

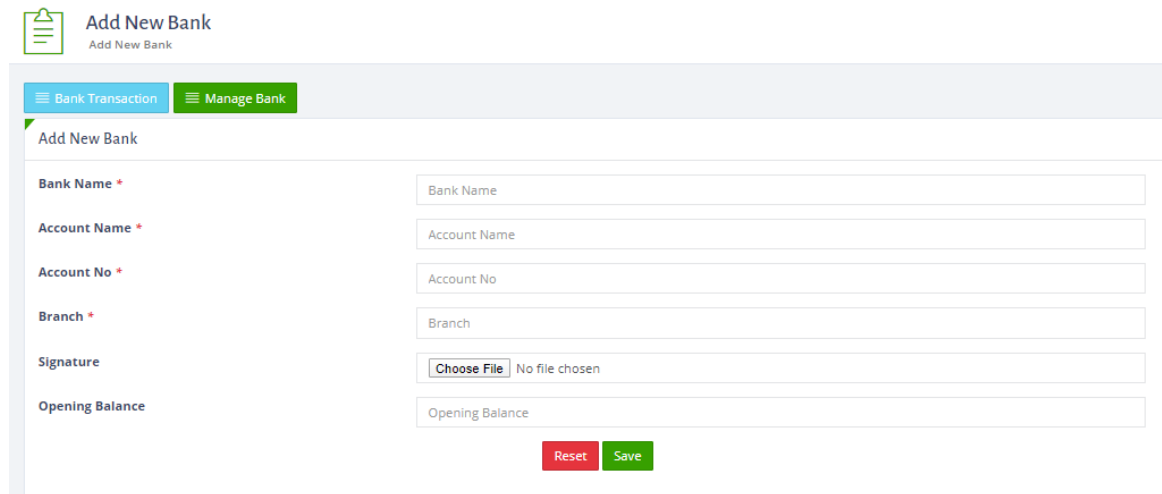
PDF

Bank

When purchasing medicines product from the manufacturer, or when selling medicines product to the customer in that cases money transaction can exchange by bank account. That is why this feature is included in this software to collect and save that information.

a) Adding Bank Form

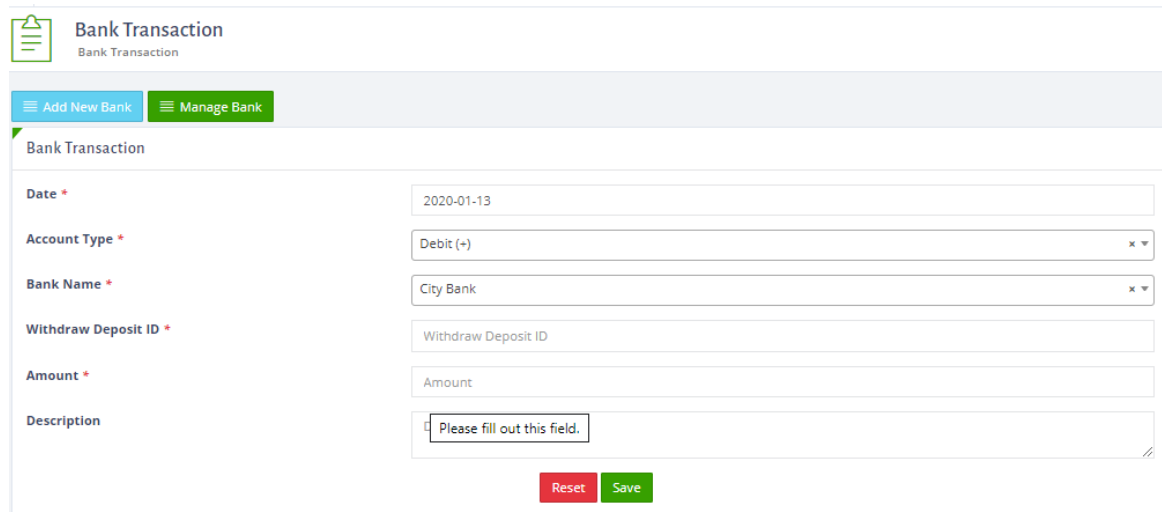
Bank name and account details information can be stored by using this form.



The screenshot shows a web application interface for adding a new bank. At the top, there is a header with a green icon and the text 'Add New Bank'. Below this, there is a navigation bar with two buttons: 'Bank Transaction' (blue) and 'Manage Bank' (green). The main form is titled 'Add New Bank' and contains several input fields: 'Bank Name *', 'Account Name *', 'Account No *', 'Branch *', 'Signature' (with a 'Choose File' button and 'No file chosen' text), and 'Opening Balance'. At the bottom of the form, there are two buttons: 'Reset' (red) and 'Save' (green).

b) Bank Transaction Form

Any bank transaction information can be stored through this software for future inquiry. In addition, this feature will help to accountant's calculation.



The screenshot shows a web application interface for recording a bank transaction. At the top, there is a header with a green icon and the text 'Bank Transaction'. Below this, there is a navigation bar with two buttons: 'Add New Bank' (blue) and 'Manage Bank' (green). The main form is titled 'Bank Transaction' and contains several input fields: 'Date *' (with the value '2020-01-13'), 'Account Type *' (with a dropdown menu showing 'Debit (+)'), 'Bank Name *' (with a dropdown menu showing 'City Bank'), 'Withdraw Deposit ID *', 'Amount *', and 'Description' (with a placeholder text 'Please fill out this field.'). At the bottom of the form, there are two buttons: 'Reset' (red) and 'Save' (green).

Human Resource

In this software, in Human Resource managing module is included features for better management service and saving data.

a) Employee Adding Form

By using this form can be included any employee name and others information.


HRM
Add Employee

[Home](#) / [HRM](#) / [Add Employee](#)

Add Employee

First Name *

Designation *

Rate Type

Email

Address Line 1

Picture
 No file chosen

City

Last Name *

Phone *

Hourly Rate/Salary

Blood Group

Address Line 2

Country

Zip code

b) Manage Employee

If require employee information for any urgent cases, then get required information from manage employee section.


HRM
Manage Employee

[Home](#) / [HRM](#) / [Manage Employee](#)

Manage Employee

Show entries

Search:

SL.	Name	Designation	Phone	Email	Picture	Action
1	Nipa Monalisa	Admin	326456765386	nipa@gmail.com		Edit Delete Add
2	Nirob Islam	Sales Man	424756756835	nirob@gmail.com		Edit Delete Add
3	Raisa Khan	Accountant	12436759789	raisa@gmail.com		Edit Delete Add

Service

In this module will help to include more modern services related to home delivery, health care, including clinical services, reviewing medications for safety and efficacy.

a) Adding Service Information Form

By using this form can be included any related service name.

 Add Service

Manage Service

Add Service

Service Name *

Service Name

Charge *

Charge

Description

Description

Save

b) Service Invoice Form

What service you are providing and which person you are giving the service this kind of information easily can save into the medicare automation system through the service invoice form.

 Service
Service Invoice

Home / Service / Service Invoice

Service Invoice

Customer Name/Phone *

Walking Customer

New Customer

Employee *

Select option

Estimated Time Of Departure *

2020-01-13

Service Name *	Quantity *	Charge *	Discount %	Total	Action
Service Name	0.00	0.00	0.00	0.00	
Invoice Details				Service Discount:	0.00 Add
Invoice Details				Total Discount:	0.00
				Total Tax:	0.00
				:	0.00
				Grand Total:	0.00
				Previous:	0.00
				Net Total:	0
				Paid Amount:	0.00
				Due:	0.00

Full Paid

Submit

Chapter 5

5.1 Future Work

My plan is to enhance the project by including some of the technologies in the future are:

- Integrating with IoT device. It will provide good automation and control of Medicare in pharmacy. In addition, it will be better to operate and carry on. This integration of IoT device will be possessed a strong monitoring feature of this project.
- Smart medicine shop surveillance and security systems, which will create a greater level of security for Medicines.
- Quality assurance and error prevention.
- Resources for clinical decision support.

5.2 Conclusion

This project of Medicare automation software will simply modify all of the pharmacy management's daily methods. This will provide different business reports such as Sale Report, Purchase Report, Invoice report, Stock Report, Return Report, Revenue & Account Summary, and daily & monthly sales and purchase medicine different important reports with graphical view. This system will meet the end-to-end operational necessities to supply comprehensive Medicare services. This one is the foremost powerful and economical software in the marketplace for any size of Medicare or pharmacy operation.

References

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