

Grocery shop

Task Description: Small Business Application

Rabbi has a grocery shop. He has some customers and suppliers. He needs to keep a track of all his incomes from his customers, of all his expenses to his suppliers. At the end of the month, Rabbi needs to see a detailed profit/loss report. He sometimes needs to see the detailed transactions of any particular customer or supplier.

Rabbi has a few close friends who frequently lends money from him and they return the money on time. So, Rabbi needs to keep a track of their transaction details.

Prepare a easy to use webapp for Rabbi using which he can manage and monitor all the transactions of his customers, suppliers and friends throughout the month

Step-1:

Interface:

1. **Manage Customers** → Customer List, Create New Customer.
2. **Manage Suppliers** → Supplier List, Create New Suppliers.
3. **Sells List/Track of all Incomes from customers** → Sells List, Create New Sales.
4. **Expenses List/All expenses to suppliers** → Expenses List, Create New Expenses.
5. **Manage Supplier Purchase Order** → Supplier Purchase Order List.

Report:

6. Monthly profit/loss report.
7. Transactions detailed by customer.
8. Transactions detailed of supplier.

Step-2:

Interface:

1. **Money Lending Management** → Money Lending List, Create New Money Lending.

Report:

2. Money Lending of transaction Details for a specific friend.

Dashboard



Product

GroceryShop

Search

Dashboard

Manage Products

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All Suppliers

purchase orders

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Money-lending

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CACompany Adminadmin

/ Products

Add New

All product

Search

SL	Image	Product Name	Product Code	Brand	Category	Published Price	Purchase Price	Sells Price	Sells Discount	Minimum Qty.	Stock Qty.	Stock Status	Approved Status
2		Nestle KITKAT 4 Finger Chocolate Wafer	ITM294597	1	Groceries	200	100	150	25	1	13	In-Stock	Un-Approved
1		Arla Dano Dally Pushti Milk Powder	ITM162815	1	Groceries	500	300	400	100	1	15	In-Stock	Approved

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Showing 1 to 2 of 2 entries

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All Suppliers

purchase orders

All Suppliers

purchase orders

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Products / Create

Products

Create New product

Name English

Reference No..

Name Bangla

Reference No..

Sub Title

Reference No..

Transaction UOM*

--Select transaction UOM--

Stock UOM*

--Select stock UOM--

Sales UOM*

--Select Sales UOM--

Brand*

--Select brand--

Color*

Nothing selected

Size*

Nothing selected

HS Code

Reference No..

Published Price

Reference No..

Purchase Price

Reference No..

Discount Type*

Amount

Discount..

Sales Price

Reference No..

Safety Level

Reference No..

Reorder Level

Reference No..

Summary

Leave A Summarys Here..

Meta Title

Leave A Title Here..

Meta Keyword

Leave A Title Here..

Meta Descriptions

Leave A Meta Descriptions Here..

Category*

--Select category_id--

+

Sub-Category*

--Select Sub-Category--

Child-Category*

--Select Child-Category--

Cover Image

Choose File

No...en

Select Cover Image

Look Inside Image

Choose File

No...en

Select Look Inside Image

Save

Cancel

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CA Company Admin admin

Customers

Add New

All Customer

Search

SL	Image	Name	Email	Phone Number	Postcode	Address	Actions
2		Liton Mahmud	litoncse15@gmail.com	01771677083	2020	dhaka	
1		Sharif Ahmed	sharif.uddin.9977@gmail.com	01965674161	2020	dhaka	

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/ customers

Create New Customer

Customer Name

Enter Customer Name...

Phone

Enter Phone...

Email

Enter Email...

Previous Due

Previous Due...

GST Number

Enter GST Number

TAX Number

Enter TAX Number...

City

Enter City...

Postcode

Enter Postcode...

Address

Enter Address...

Cancel Save

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CA Company Admin admin

suppliers

Add New

All supplier

Search

SL	Name	Email	Phone Number	Postcode	Address	Actions
1	Sajid Mahmud	sajidmahmud@gmail.com	Sajid Mahmud	1230	uttara	

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suppliers

Create New Supplier

Supplier Name

Phone

Email

Previous Due

GST Number

TAX Number

City

Postcode

Address

Enter Supplier Name...

Enter Phone...

Enter Email...

Previous Due...

Enter GST Number

Enter TAX Number...

Enter City...

Enter Postcode...

Enter Address...

Cancel Save

Purchase order

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CACompany Adminadmin

purchaseOrders

Add New

All purchaseOrder

Search

SL	Supplier	Purchase Order ID	Total Purchase Quantity	Total Received Quantity	Total Purchase Amount	Actions
1	Sajid Mahmud	7	10	10	30010	
2	Sajid Mahmud	8	10	10	10010	

Entries Per Page:10Showing 1 to 2 of 2 entries

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Create New purchase_orders

Supplier ID

Select Supplier

Product

Select Product

Purchased By

Company Admin

Total Purchase Quantity

Is Purchased

☒

Is Received

☒

Is Closed

☒

Cancel

Save

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/ sales

POS Sales

All Sales

-- Select Customer --

--Select Seller--

mm/dd/yyyy

mm/dd/yyyy

Search By Name

S/L	Sales Code	Sales Date	Customer Name	Reference No.	Total	Paid Payment	Due Payment	Sales By	Sales Status	Paymet Status	Actions
1	SC-8	28-01-2024 12:24 PM	Liton Mahmud	1	150.00	150.00	All Paid	Admin	Sells	Paid	Options
2	SC-7	28-01-2024 12:23 PM	Sharif Ahmed	1	400.00	400.00	All Paid	Admin	Sells	Paid	Options

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POS Sales

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CA

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admin

POS Sales

Sales

Best Selling Product

Select Category

Search Here

Q

</>

Bar-Code

Nestle KITKAT 4 Finger Chocolate Wafer

200 TK: 150 TK.

Add to Cart

Aria Dano Daily Pushti Milk Powder

500 TK: 400 TK.

Add to Cart

POS Sells

--Select Customer--

+

1

Aria Dano Daily Pushti Milk Powder

500 TK: 400 TK

1

Checkout Summary

Total Payable Amount

400.00

Paid Amount

400.00

Total Product Quantity:	1.00
Subtotal:	400.00
Other Charges:	0.00 TK
Discount on All:	0.00 TK
Grand Total:	400.00

Sells Status

--Select Sells Status--

Descriptionn

Cash

Reference No.

1

Payment Note

Cash

☒ Send SMS To Customer

Payment Type

Cash

☐ Gift Wrap For Tk. 20

Save

Cancel

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Asadul Karim

Expense

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daily-expensess

Add New

All expense

Search

SL	Expense Name	Expense Group	Company	Store	Expense Date	Amount	Approved Status
1	Current bill	Bill	Rabbi Grocery Shop	Main-Store	2024-01-28	100.00	Approved

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Expenses

Add New Expenses

Expense Name

Expense Group

Company

Store

Expense Date

Amount

Approved Status

Enter Expense Name...

Enter Expense Group

Rabbi Grocery Shop

Main-Store

mm/dd/yyyy

Enter Amount

Approved

Cancel

Reset

Save

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Money Landing

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money-lendings

Add New

All money-lending

Search

SL	Name	Email	Phone Number	NID	Country	Division	District	City	Area	Postcode	Parent Address	Permanent Address	From Date	To Date	To Amount	Re
1	Zohir Raihan	zahir@gmail.com	01965674161	111132332	Bangladesh	Dhaka	Uttara	Benuar char	Azampur	2020	Benuar-char	Dhaka	2024-01-28	2024-02-07	2000	

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money-lending

Create New Customer

Name

Bangla Name

Email

Phone

Enter Name...

Enter Bangla Name...

Enter Email...

Enter Phone...

NID

Country

Division

District

Enter NID...

Enter Country...

Enter Division...

Enter District...

City

Area

Postcode

Parent Address

Enter City...

Enter Area...

Enter Postcode...

Enter Parent Address...

Permanent Address

From Date

To Date

To Amount

Enter Permanent Address...

mm/dd/yyyy

mm/dd/yyyy

Enter To Amount...

Received Amount

Due Amount

Monthly Profit

Enter Received Amount...

Enter Due Amount...

Enter Monthly Profit...

Cancel

Save

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Transactions-detailed-by-customer

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/ Customers

Customer *
-- Select Customer --

To Date
mm/dd/yyyy

From Date
mm/dd/yyyy

Find

Search Your Result.

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/ Customers

Customer *
-- Select Customer --

To Date
mm/dd/yyyy

From Date
mm/dd/yyyy

Find

Customer Information

Customer Name: Sharif Ahmed

Customer ID: 1

Customer Phone: 01965674161

Generate PDF

SL	#Order No	Amount
1	6	400
Total:		400.00

Report:



Transaction Details for Customer
Grocery Shop
Dhaka

9B#B_05E1

From Date: 29-01-2024

Print: 28-01-2024 01:11:28 PM

To Date: 08-01-2024

Customer Name: Sharif Ahmed

Customer Phone: 01965674161

SL	#Order ID	#Customer ID	Amount(BDT)
1	6	1	400
Total:			400.00 TK

Transactions-detailed-by-supplier:

Grocery Shop

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Suppliers

Supplier *

To Date

From Date

Find

-- Select supplier --

mm/dd/yyyy

mm/dd/yyyy

Supplier Information

Supplier Name: Sajid Mahmud

Supplier ID: 1

Supplier Phone: Sajid Mahmud

Generate PDF

SL	Purchase Order No	Total Purchase Quantity	Total Receive Quantity	Total Purchase Amount(BDT)
1	7	10	10	30,010
2	8	10	10	10,010
Total:		20	20	40,020.00 TK.

Report

Grocery Shop

Transaction Details for Supplier

Grocery Shop

Dhaka

9B#B_05E1

From Date: 29-01-2024

To Date: 16-01-2024

Supplier Name: Sajid Mahmud

Supplier Phone: Sajid Mahmud

Print: 28-01-2024 01:13:25 PM

SL	Purchase Order No	Total Purchase Quantity	Total Receive Quantity	Total Purchase Amount(BDT)
1	7	10	10	30010
2	8	10	10	10010
Total:		20 TK	20 TK	40,020.00 TK

mothlyProfitLoss-find:

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Suppliers

To Date

From Date

Find

Total Income: 550.00 TK.

Total Purchase: 40,020.00 TK.

Total Expense: 100.00 TK.

Net Profit Loss: 450.00 TK.

Generate PDF

DailyExpenses Information

SL	Expense Name	Expense Group	Company	Store	Expense Date	Amount	Approved Status
1	Current bill	Bill	Rabbi Grocery Shop	Main-Store	2024-01-28	100.00	
Total:						100.00 TK.	

AllpurchaseOrders Information

SL	Supplier	Total Purchase Quantity	Total Received Quantity	Total Purchase Amount
1	N/A	10	10	30010
2	N/A	10	10	10010
Total:				40,020.00 TK.

Allsales Information

S/L	Sales Code	Sales Date	Customer Name	Reference No.	Total	Paid Payment	Due Payment
1	SC-7	28-01-2024 12:23 PM	Sharif Ahmed	1	400.00	400.00	All Paid
2	SC-8	28-01-2024 12:24 PM	Liton Mahmud	1	150.00	150.00	All Paid
Total:						550.00 TK.	

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A product by Developer Code

Report

From Date: 30-01-2024

Print: 28-01-2024 01:15:27 PM

To Date: 22-01-2024

Total Income: 550.00 TK.

Total Purchase: 40,020.00 TK.

Total Expense: 100.00 TK.

Net Profit Loss: 450.00 TK.

DailyExpenses Information

SL	Expense Name	Expense Group	Company	Store	Expense Date	Amount	Approved Status
1	Current bill	Bill	Rabbi Grocery Shop	Main-Store	2024-01-28	100.00	
Total:						100.00 TK.	

AllpurchaseOrders Information

SL	Supplier	Total Purchase Quantity	Total Received Quantity	Total Purchase Amount
1	N/A	10	10	30010
2	N/A	10	10	10010
Total:				40,020.00 TK.

Allsales Information

S/L	Sales Code	Sales Date	Customer Name	Reference No.	Total	Paid Payment	Due Payment
1	SC-7	28-01-2024 12:23 PM	Sharif Ahmed	1	400.00	400.00	All Paid
2	SC-8	28-01-2024 12:24 PM	Liton Mahmud	1	150.00	150.00	All Paid
Total:						550.00 TK.	

moneyLending-find:

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/Suppliers

To Date

mm/dd/yyyy

From Date

mm/dd/yyyy

Find

Money Lendings Information

Generate PDF

SL	Name	Name_bangla	Email	Phone	Permanent_address	From_date	To_amount	Recv_amount	Due_amount
1	Zohir Raihan	Zohir Raihan	zahir@gmail.com	01965674161	Dhaka	2024-01-28	2000	0	2000
Total:								2,000.00 TK.	0.00 TK.

Report

GroceryShop

Transaction Details for Supplier

Grocery Shop

Dhaka

9B#B_05E1

From Date: 30-01-2024

To Date: 24-01-2024

Print: 28-01-2024 01:16:45 PM

SL	TransID	name	name_bangla	email	phone	division	district	city	Area	postcode	NID	Country	permanent_address	from_date	to_amount	recv_amount	due_amount	monthly_profit	is_closed
1	1	Zohir Raihan	Zohir Raihan	zahir@gmail.com	01965674161	Dhaka	Uttara	Bensur char	Azampur	2020	111132332	Bangladesh	Dhaka	2024-01-28	2000	0	2000	0	0
Total:															2,000.00 TK.	0.00 TK.	2,000.00 TK.		