



VARENDRA UNIVERSITY



Department of Computer Science & Engineering

Report

Course Title: Software Development

Course Code: CSE-328

Assignment Topic: Paddy Business Management Application

Submitted By		Submitted To
Name:	Md Rafiqul Islam	Faculty, Arifa Ferdousi Computer Science and Engineering, Varendra University
Student ID:	183313013	
Batch:	3rd	
Semester:	8th	
Section:	A	
Department:	CSE	
Phone:	01738979446	

rafiqul

Submission Date:

Signature

Introduction

I want create a webpage base Paddy Business Management Application. It will help to manage my Paddy business easily. The characteristic of my application:

1. will have cash-in option.
2. will have new customer registration option.
3. will have transaction option.
4. will have a paid option.
5. will have a repot to view all customer, all cash-in and all transaction list.
6. It will a search by mobile option.

My application minimum will have these facilities and many more as I improve this application.

Motivation

In 2017 I used to buy and sell paddy in my home town but one day I had problem with daily calculation. I cannot find some expenses. So I had a loss about 30000tk. Then I thought that if I had an automated system that do daily expenses calculation for me. I am trying to build this web base application.

Review of related work

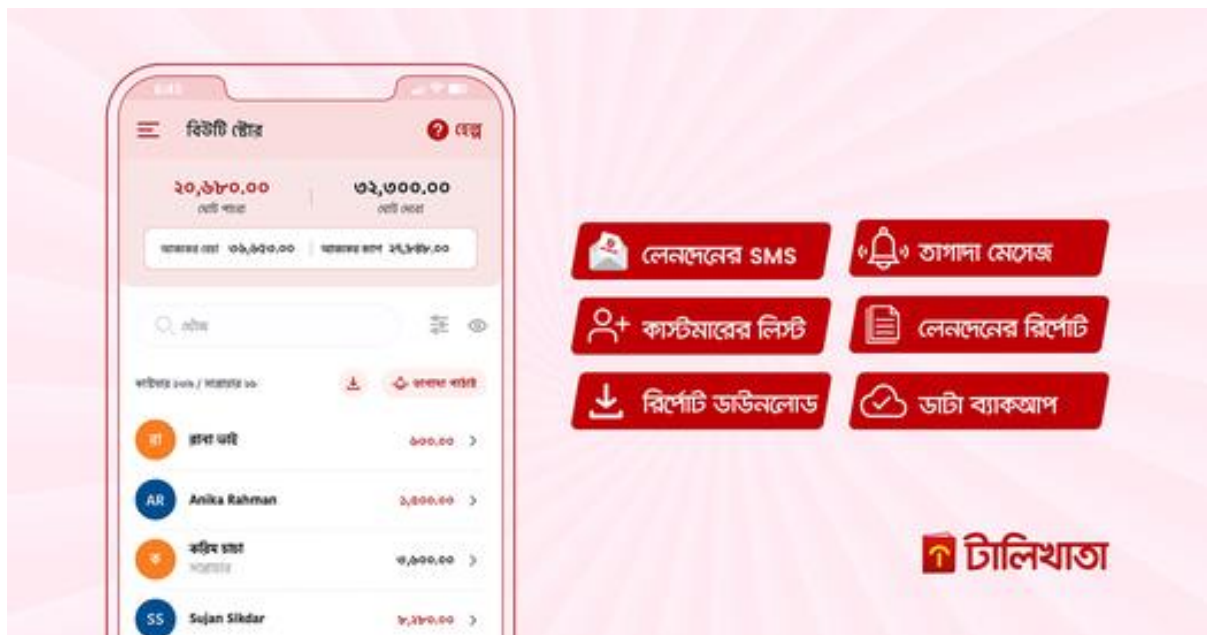
1.Tali khata:

Advantage:

- Can be used for small business.
- Easy to use.
- Notification can be sent using SMS.

Drawbacks:

- Not business specific application.



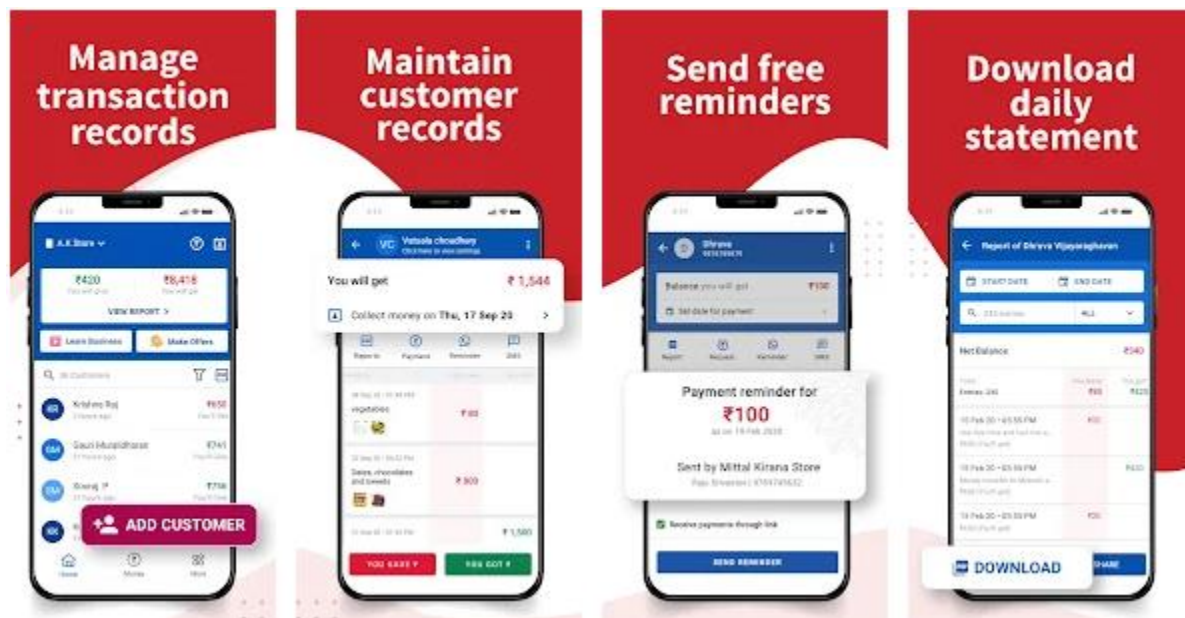
1. Khata Book:

Advantage:

- Add a customer to Khata Book
- Edit Customer Information
- Add Transaction done by Customer
- Edit old transactions of your hisab kitab app
- Delete Transaction from your account book

Drawbacks:

- Not business specific application.



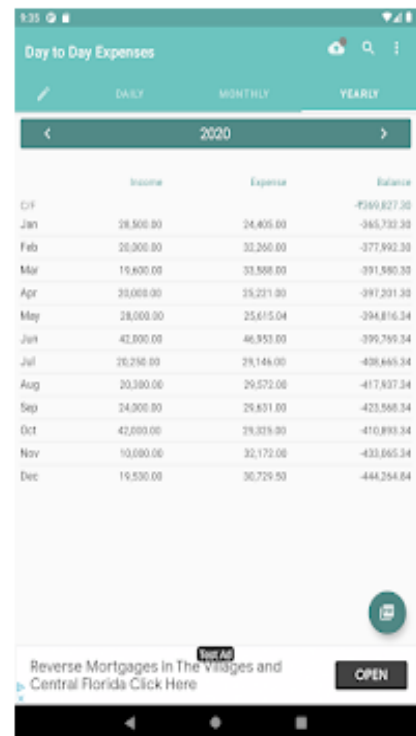
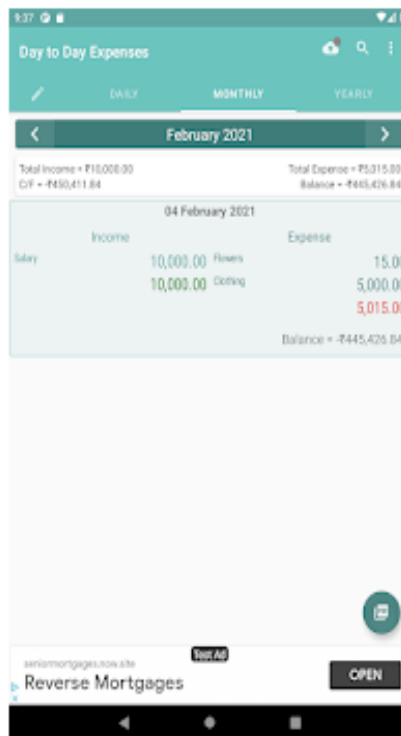
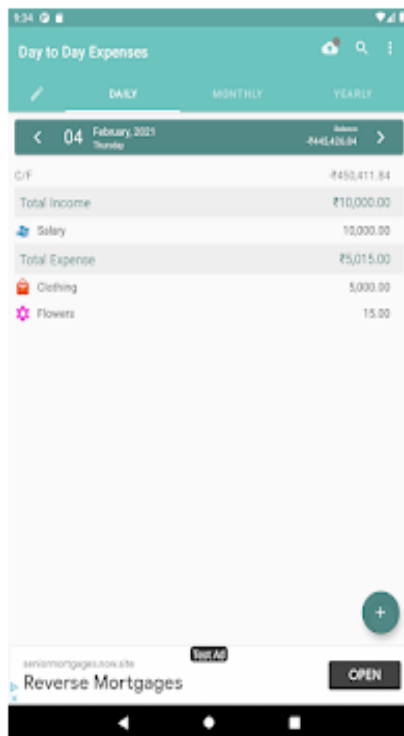
3. Day-to-day Expenses:

Advantage:

- Cash Book
- Share Cash Book
- Generate Report
- Search

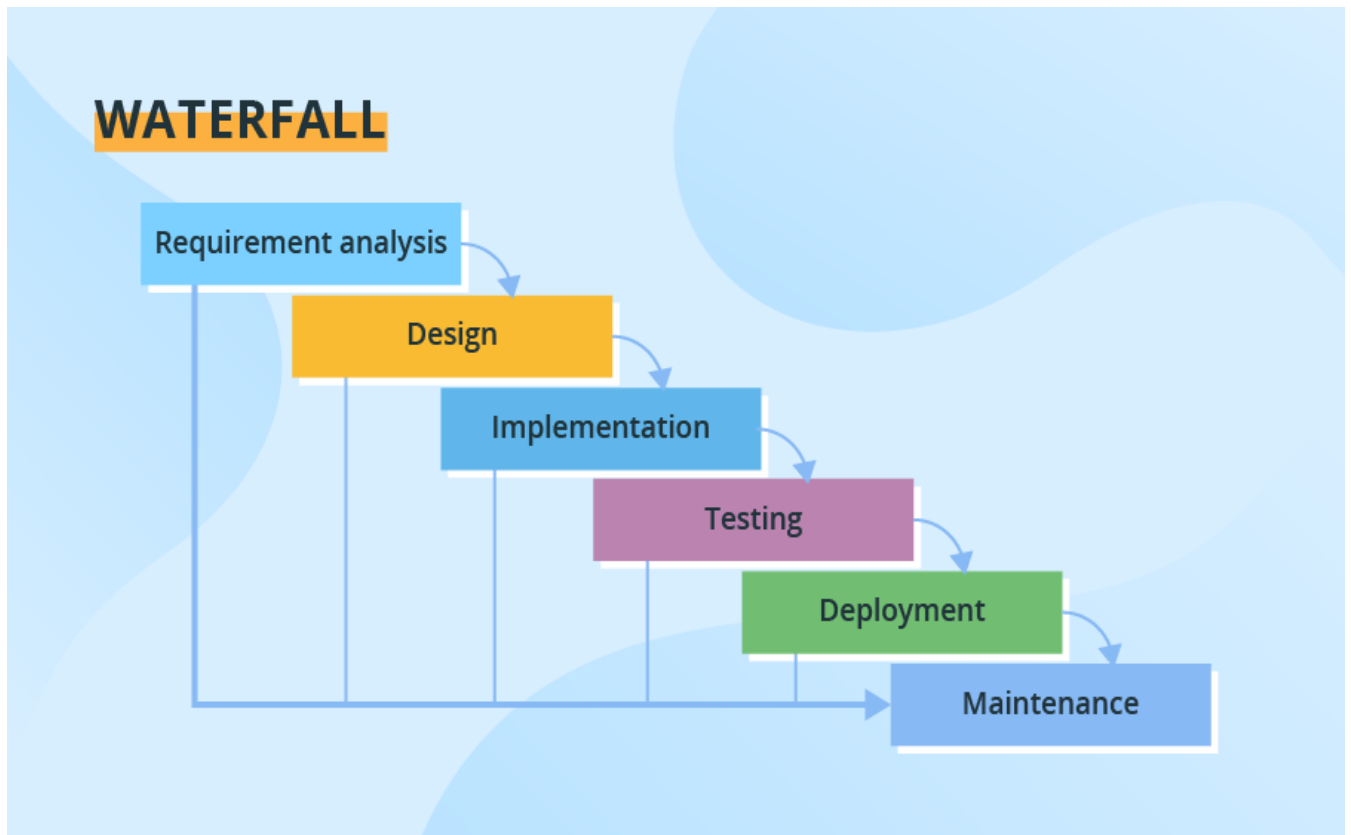
Drawbacks:

- Not business specific application.



Proposed model

I will work with **Waterfall models**



Through all development stages (analysis, design, coding, testing, deployment), the process moves in a cascade mode. Each stage has concrete deliverables and is strictly documented. The next stage cannot start before the previous one is fully completed. Thus, for example, software requirements cannot be re-evaluated further in development.

There is also no ability to see and try software until the last development stage is finished, which results in high project risks and unpredictable project results. Testing is often rushed, and errors are costly to fix.

Use cases:

- *Simple small or mid-sized projects with clearly defined and unchanging requirements (small company website development).*
- *Projects with the need for stricter control, predictable budget and timelines (e.g., governmental projects).*
- *Projects that must adhere to multiple rules and regulations (healthcare projects).*
- *Projects where a well-known technology stack and tools are used.*

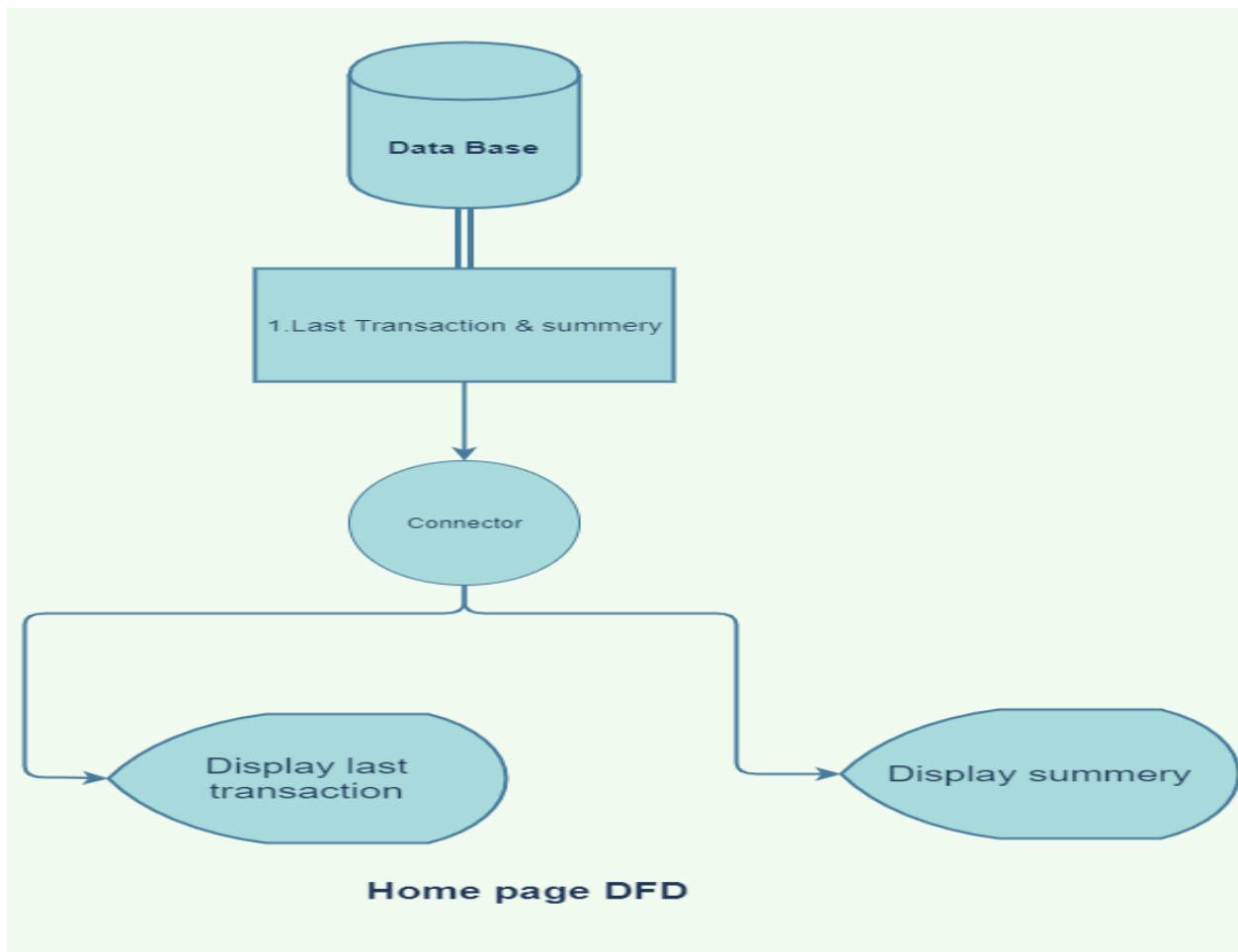
So, because it meets the needs of my development requirement. So, I will use this model to run my development.

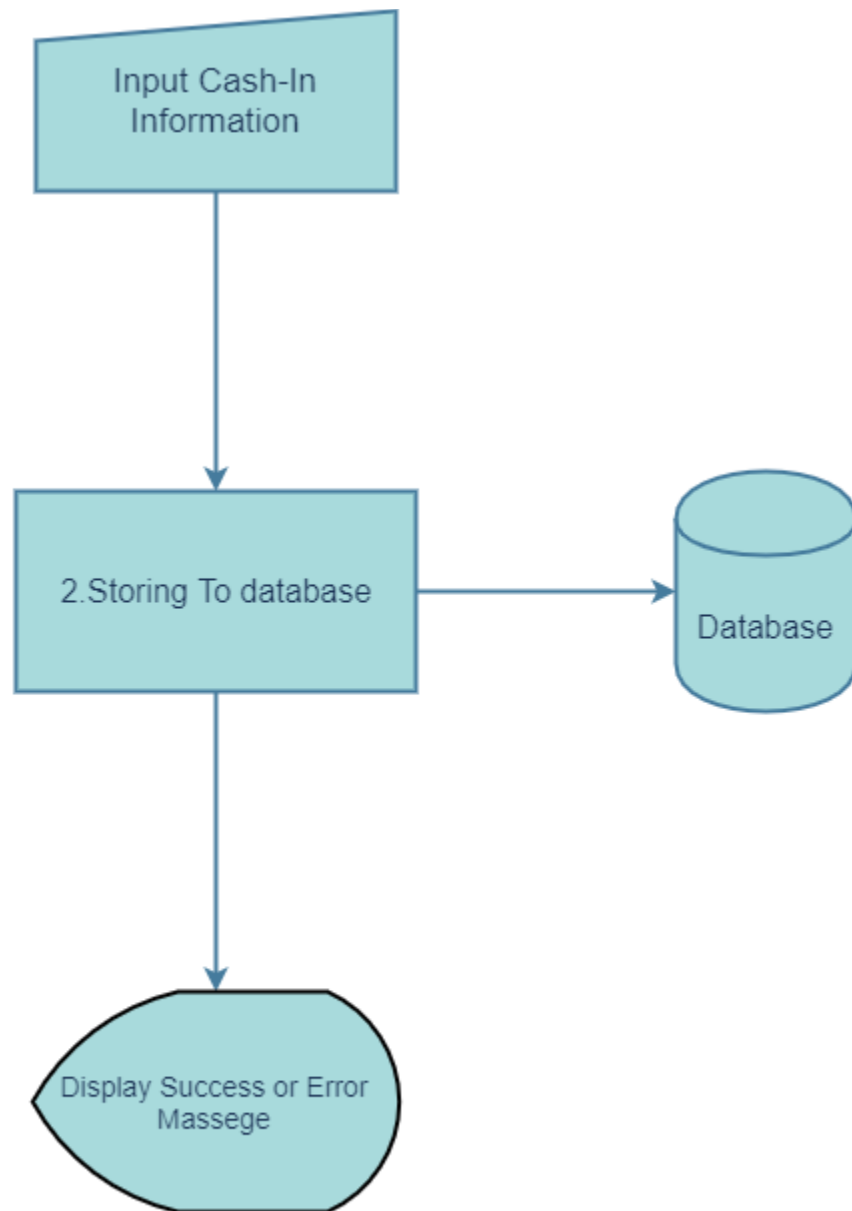
Implementation

Used Technology:

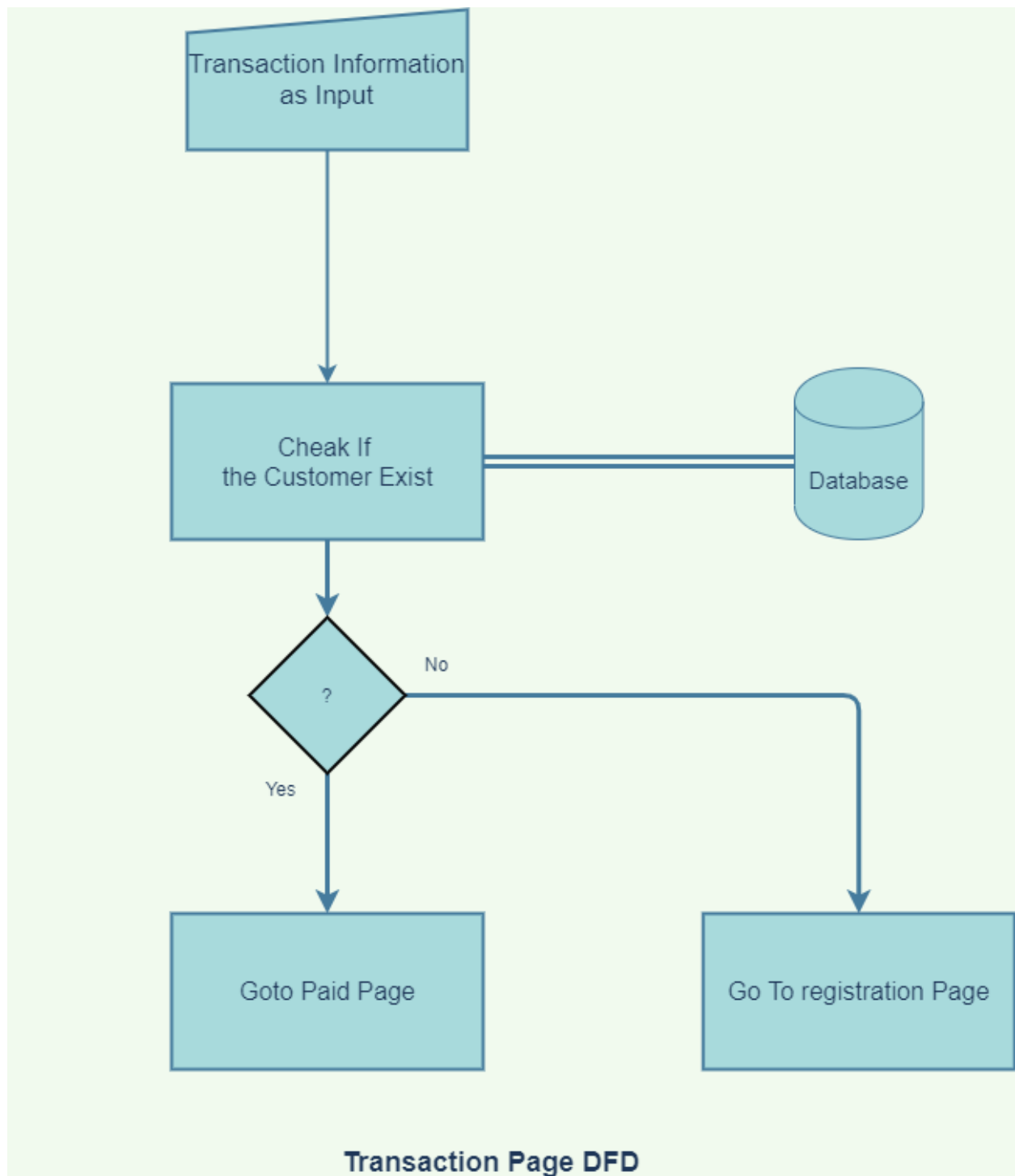
- PHP
- PHP MyAdmin
- Java script
- HTML
- CSS
- Bootstrap

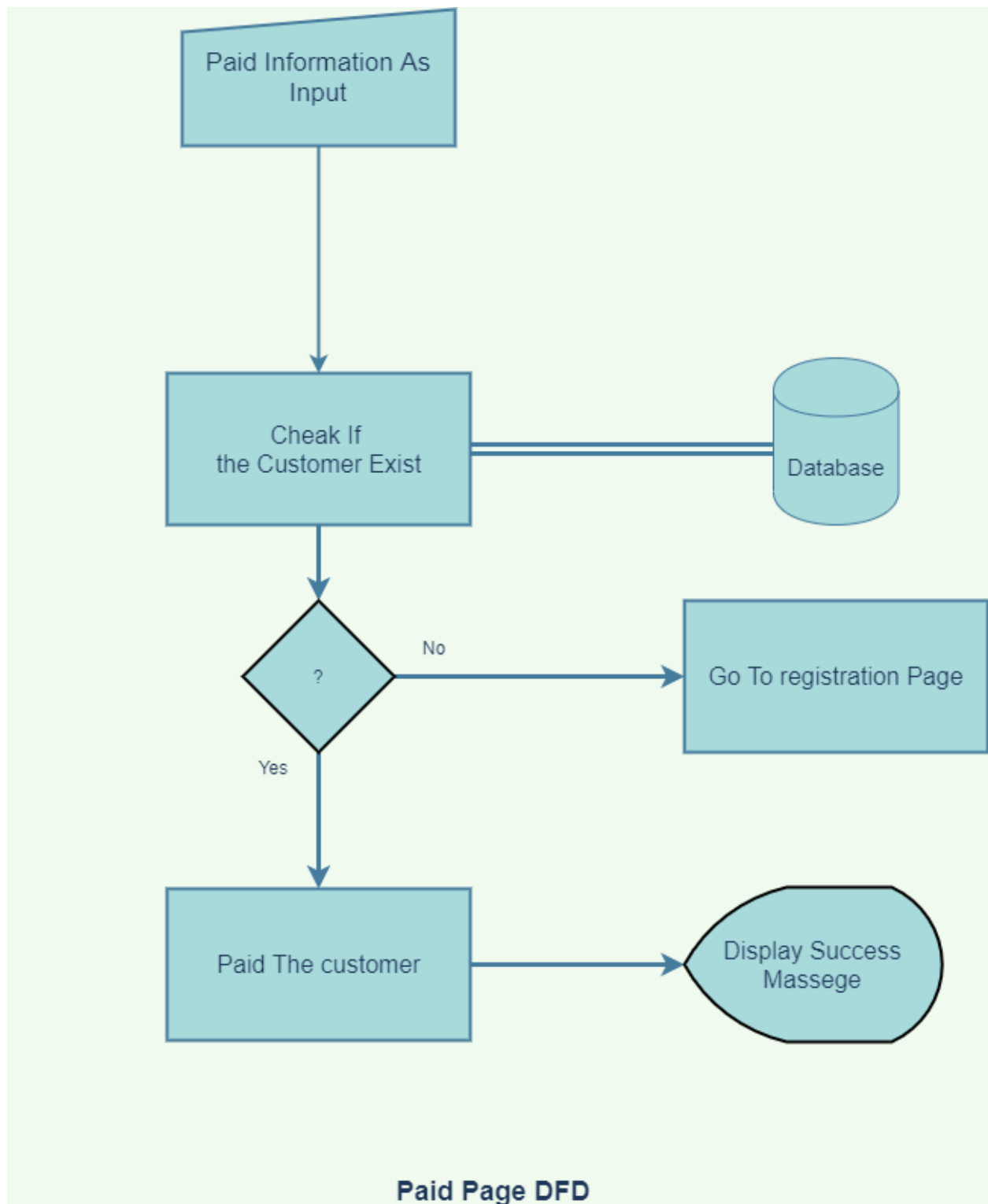
All Page DFD:

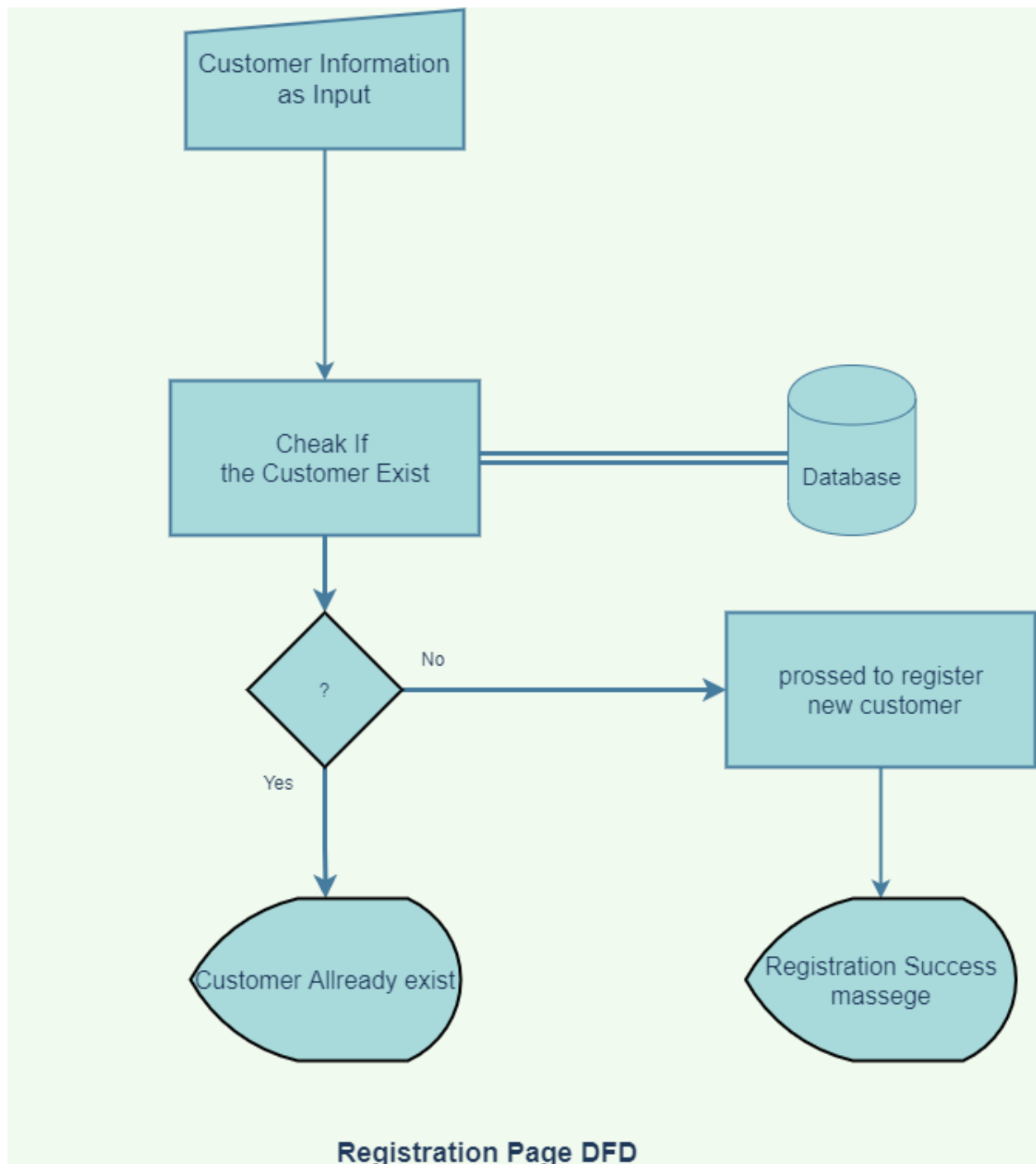


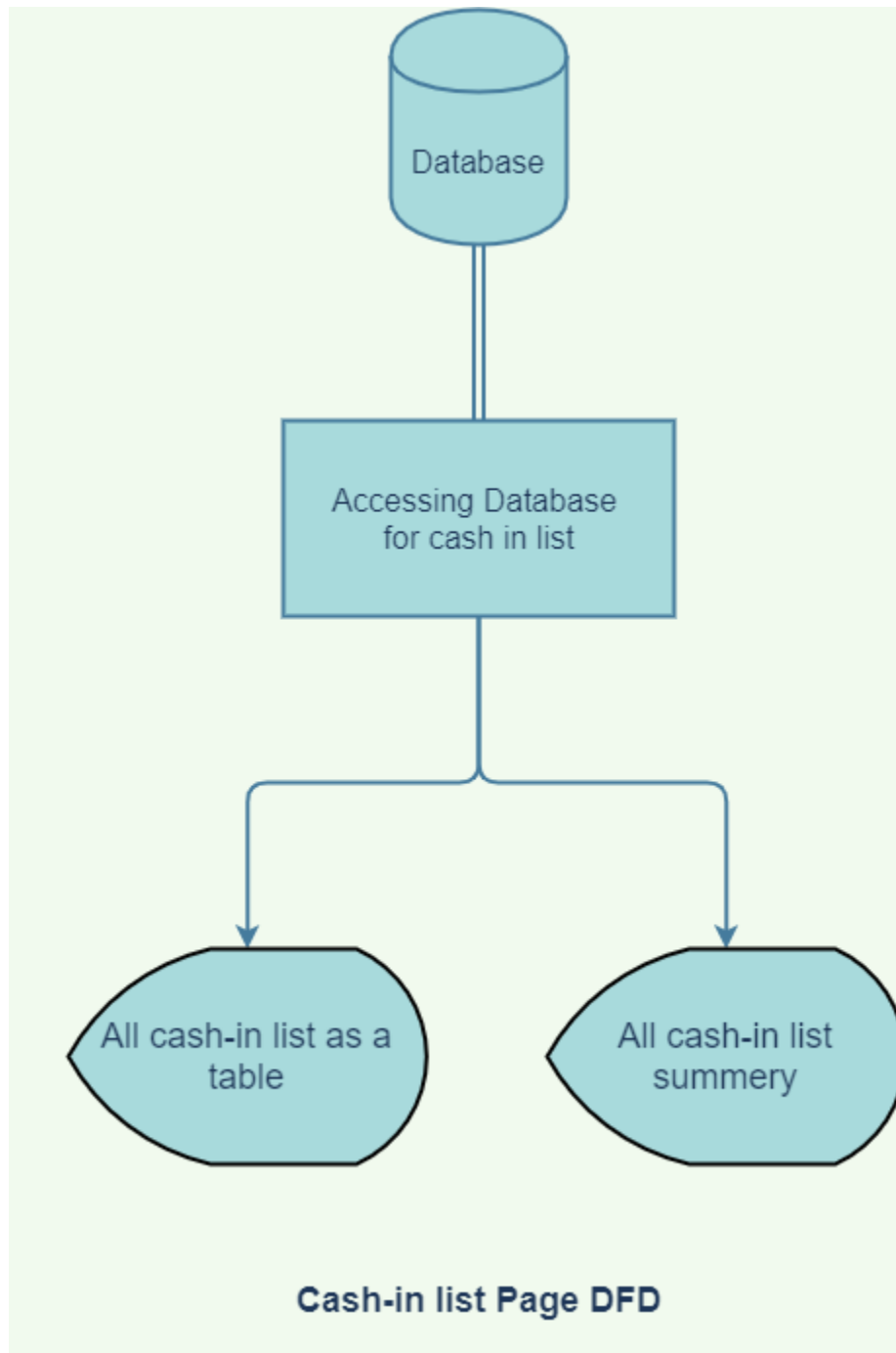


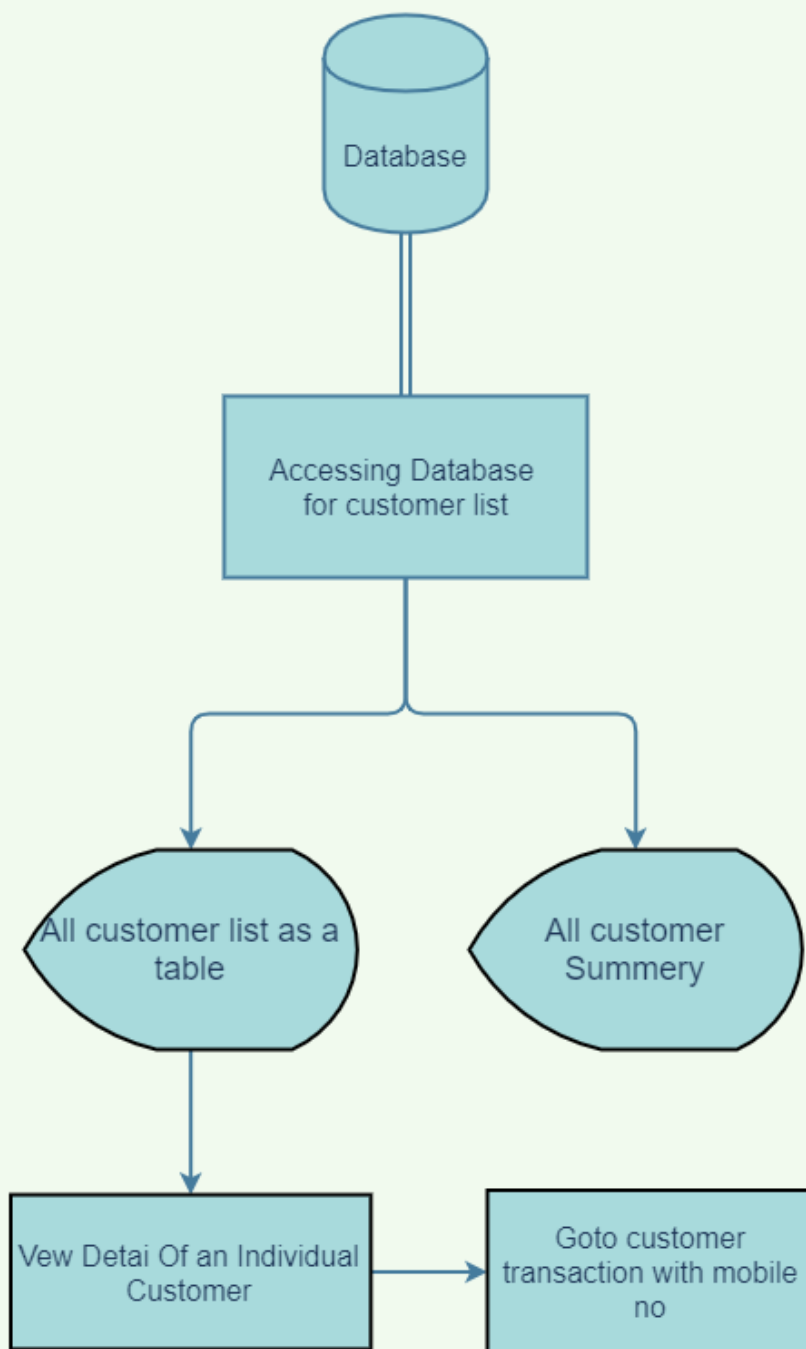
Cash In Page DFD



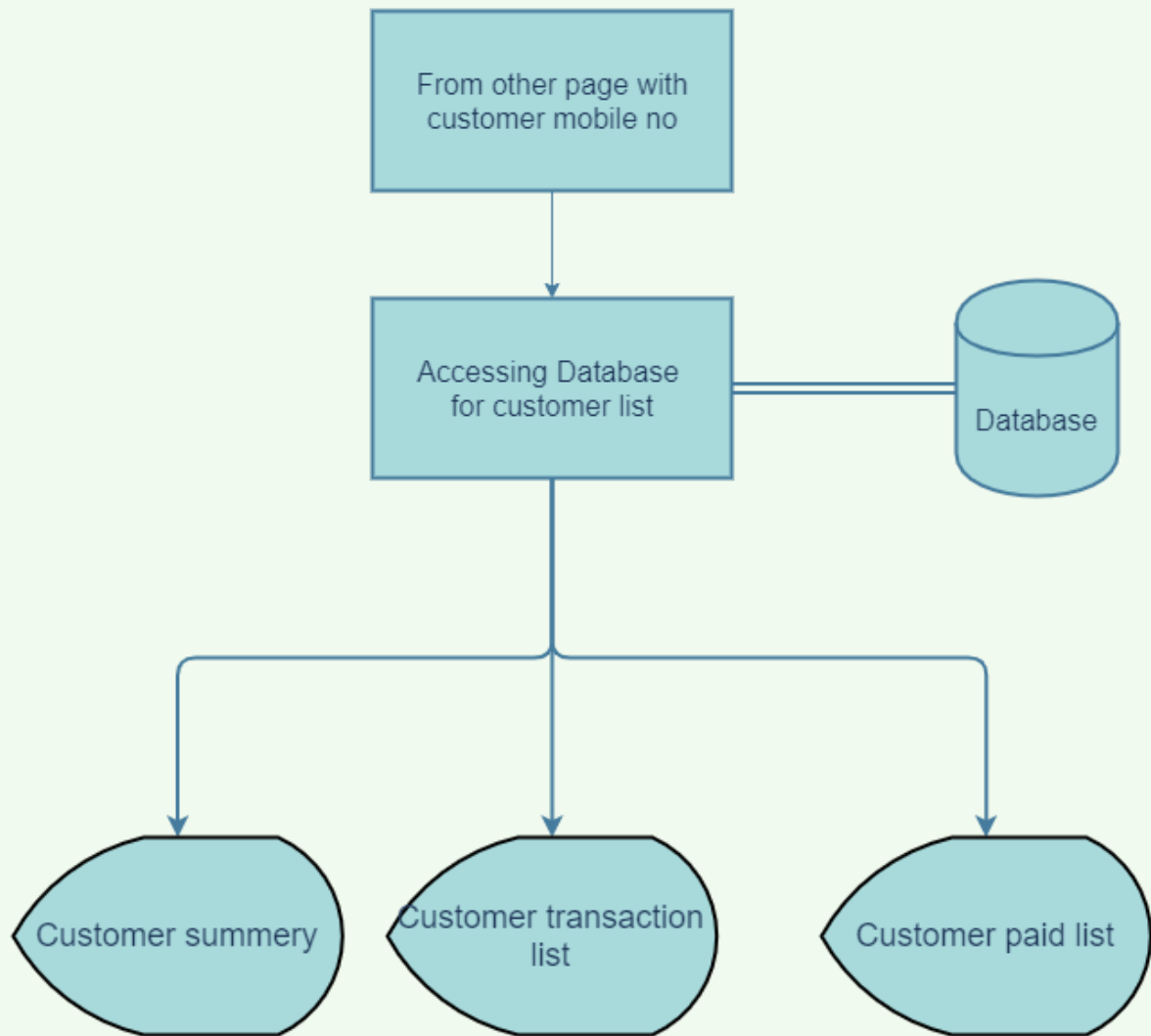




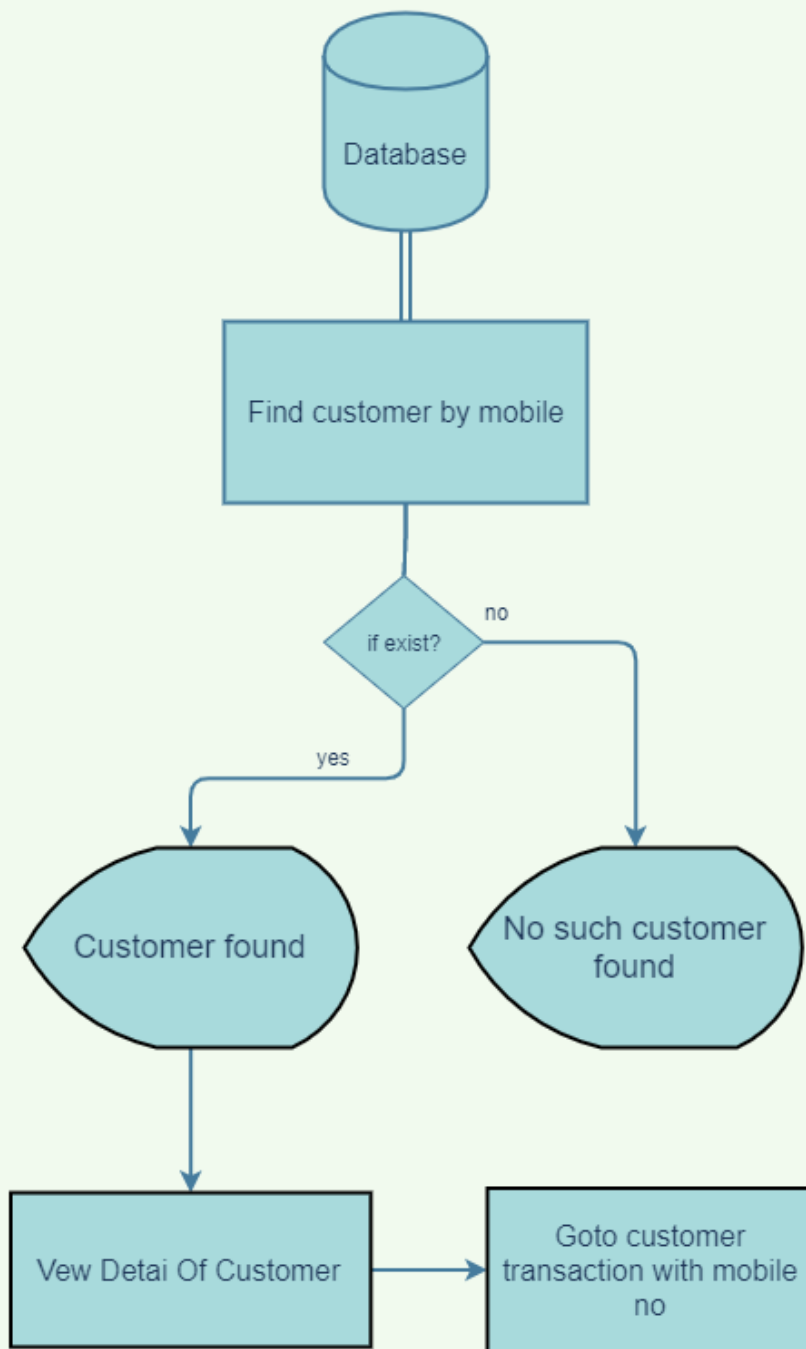




Customer list Page DFD



**Customer Transaction Detail
Page DFD**



Search DFD

Data base table:

aap cashin	aap transaction	aap paid	aap customer
sl : int(11)	sl : int(11)	sl : int(11)	sl : int(11)
disp : varchar(200)	mobile : int(11)	mobile : int(11)	name : varchar(150)
amount : int(11)	goods_name : varchar(150)	mideaum : varchar(100)	mobile : int(11)
time : timestamp	wight : int(11)	amount : int(11)	address : varchar(200)
	price : float	time : timestamp	reg_time : timestamp
	total_amount : int(11)		
	time : timestamp		

I have implemented these DFD and created data base table using given technology.

Result

Home Page

Padday App Home Cash In New Transaction Paid Register New Customer Report ▼								Mobile..		Search
Last Transaction								Summery		
Name	Mobile	Goods_name	Wight(kg)	Price/Mon	Amount	Last Paid	Time	Total Cash In : 645000		
Rafiqul	1738979446	fsfs	100	100	250	35000	2021-09-19 11:30:38	Total Paid Amount : 70000		
								Total Un-Paid Amount : -34750		
								Remaining Cash : 575000		

Cash In Page

Padday App

HomeCash InNew TransactionPaidRegister New CustomerReport

Mobile..

Search

Discription

Amount

Cash In

New Cash In Information

About Cash..

Cash In Amount..

Padday App

Inserted Successfully

New Cash In Information

Discription

About Cash..

Amount

Cash In Amount..

Cash In

Transaction Page

New Transaction

Mobile	<input type="text" value="Customer Mobile No"/>
Goods Name	<input type="text" value="Customer Goods Name"/>
Wight	<input type="text" value="Total Wight"/>
Price Type	<input type="text" value="In Kg 40 kg = 1 mon"/> ▼
Price	<input type="text" value="Price Per Mon"/>
<input type="button" value="Transact"/>	

Paid Page

Paid The Customer

Mobile No	<input type="text" value="Customer Mobile Number"/>
Midiaum	<input type="text" value="By Whom?"/>
Paid Amount	<input type="text" value="Paid Amount In Taka"/>
<input type="button" value="Paid"/>	

Registration Page

Register A New Customer

Name	<input type="text" value="Customer Name"/>
Mobile	<input type="text" value="Customer Mobile Number"/>
Address	<input type="text" value="Customer Address"/>
<input type="button" value="Register"/>	

Cash In list Page

Padday App Home Cash In New Transaction Paid Register New Customer Report ▾

Mobile..

Search

All Cash In List

Serial	Discription	Amount	Time
1	nowab Auto	100000	2021-09-13 09:01:02
2	nowab Auto	500000	2021-09-13 09:01:13
3	habib	45000	2021-09-13 09:01:28

Summery

Total Cash In : 645000

Customer List Page

Padday App Home Cash In New Transaction Paid Register New Customer Report ▾

Mobile..

Search

All Register Customer

Serial	Name	Mobile	Address	More Detail
1	Rafiqul	01738979446	Shibpur	Detail
2	Fahad	01531122589	Shibpur	Detail
3	karim	01731142647	Shibpur	Detail
4	fahima	01765484655	Shibpur	Detail
5	A	017	A	Detail

Summery

Total Amount : 35250

Total Paid Amount : 70000

Total Un-Paid Amount : -34750

Customer transaction list page

Padday App Home Cash In New Transaction Paid Register New Customer Report ▾

Mobile..

Search

Detail of 01738979446

[Summary](#)

Total Amount : 35250

Total Paid Amount : 70000

Total Un-Paid Amount : -34750

Transaction					Paid List		
Time	Goods Name	Wight(kg)	Price	Amount	Time	Medium	Amount
2021-09-19 11:30:38	fsfs	0100	100	250	2021-09-13 09:22:42		35000
2021-09-13 09:22:33	jira	01000	1400	35000	2021-09-13 09:22:38	Won	35000
			Total Amount	35250 TK		Total Paid	35250 TK

Search page

Padday App

HomeCash InNew TransactionPaidRegister New CustomerReport

Mobile..

Search

Found Customer 01738979446

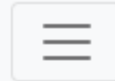
Serial	Name	Mobile	Address	More Detail
1	Rafiqul	01738979446	Shibpur	<div>Detail</div>

Padday App

Found Customer 01738979446

Serial	Name	Mobile	Address	More Detail
1	Rafiqul	01738979446	Shibpur	<div>Detail</div>

Padday App



Home

Cash In

New Transaction

Paid

Register New Customer

Report ▾

Cash In List

All Customer List

Mobile..

Search

Found Customer 01738979446

Serial	Name	Mobile	Address	More Detail
1	Rafiqul	01738979446	Shibpur	Detail

Discussion

These are the graphical representation of the DFD and Database table.

Here, On Home page:

- 1.Show last transaction with Paid Amount.
- 2.Show Total Summery

Cash In page:

Able To insert new cash with some detail information which store in database.

Transaction Page:

- 1.Able to transact with register customer.
- 2.if customer is register send to paid page.
- 3.if customer in not register send to register page.

Paid Page:

- 1.Paid The customer If customer exist in database.
- 2.if not send to register page.

Register page:

- 1.register a new customer if customer does not exist in database.

Cash In List Page:

- 1.View All Cash in Information
- 2.View Cash in summery

Customer list page:

- 1.View All Customer with a detail link.
- 2.View Paid summery

Customer transaction List Page:

- 1.View This customer Summery.
- 2.View all transaction of this customer.
- 3.View All paid list of this Customer.

Search:

- 1.Searching By mobile No.
- 2.Exist in all Page at Navbar.

Conclusion:

I have already implemented these on my application but I need to improve and add some more feature in this application. Such as printing transaction of a customer, sending message via internet, Able to view weekly, monthly, yearly summary etc. And I want use this software for my own Paddy Business.

Reference

Project GitHub Link:

<https://github.com/rafiq000/PBMS.git>

<https://github.com/rafiq000/paddy.git>

https://github.com/rafiq000/paddy_app.git

https://github.com/rafiq000/Final_version.git

Xampp Download Link:

<https://www.apachefriends.org/download.html>

Bootstrap Download Link:

<https://getbootstrap.com/>