A PROJECT REPORT ON

BUSINESS ANALYZER

SUBMITTED BY

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UNDER THE GUIDANCE
OF
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DEPARTMENT OF COMPUTER ENGINEERING PIMPRI-CHINCHWAD
POLYTECHNIC AKURDI, PUNE-411044.
(2021-2022)

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ON

BUSINESS ANALYZER

A Dissertation submitted in partial fulfillment

DIPLOMA IN COMPUTER ENGINEERING

AFFILIATED TO MSBTE

Submitted by

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DEPARTMENT OF COMPUTER ENGINEERING
PIMPRI CHINCHWAD POLYTECHNIC AKURDI, PUNE 2021-2022.

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DEPARTMENT OF COMPUTER ENGINEERING PRADHIKARAN, AKURDI, PUNE-411044.

C E R T I F I C A T E

This is to certify that the end term
Project report entitled

BUSINESS ANALYZER

Has been completed successfully by-

Shivam D.Kuchekar
Omkar K.Waghmare
Shruti D.Patil

Ms. M. K. Kute	Prof. M. S. Malkar	Dr. V. S. Byakod
Project Guide	H.O.D	Principal

(External Examiner) Seal of Institute

Maharashtra State Board of Technical Education for

Academic Year 2021-2022

Pimpri Chinchwad Education Trust's

Pimpri Chinchwad Polytechnic

Department of Computer Engineering

Institute	Department
Vision	***Vision***
The Institute envisages to be one among first top ten Institutions and an autonomous Institute in the state of Maharashtra offering demand driven skill development program inclusive of Diploma in Engineering and consistent high degree of professional development of students leading to successful career.	Excellence in Computer Engineering Education for providing services to the Industry and society.
Mission	***Mission***
• To educate and train students in Engineering and Technology domains. • To prepare them for successful employment in industry / business, self-enterprise. • Higher education by providing quality system based teaching and learning processes. • To identify themselves as good individuals, professionals and responsible citizens.	2 To develop technically sound Computer Engineers with Lifelong learning skills 3 To encourage students for higher education, self-employment and entrepreneurship. 4 To provide excellent teaching and learning systems and facilities. 5 To nurture them as good individuals, professionals and responsible citizens

Program Educational Objectives (PEOs)

PEO1:- Pursue higher education or entrepreneurship.

PEO2:- Excel in professional career and apply the principles of Computer Engineering to identify and solve real world problems.

PEO3:- Develop a positive attitude towards lifelong learning with ethics and soft skills.

Program Specific Objective (PSOs)

PSO1: Computer Software and Hardware Usage: Use state-of-the-art technologies of computer software and hardware.

PSO2: Computer Engineering Maintenance: Maintain state-of-the-art computer engineering systems and peripherals.

ACKNOWLEDGEMENT

I would like to take this opportunity to thank one and all that provided their valuable advice and guidance without which this project would not have been completed. I thank all who have helped me directly or indirectly but some in particular have to be singled out since they have given me more than just guidance.

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I would like to express my deep sense of gratitude to our esteemed Principal

Dr. V. S. Byakod for her encouragement.

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50	Omkar Kakasaheb Waghmare	
90	Shruti Dhannajay Patil	

ABSTRACT

Our vision was to develop a application manages the Sales & Return Invoices likewise as Payments, Purchase &Purchase return Invoices as well as Payments, Customers information(Customer Bulk Import) Suppliers information (suppliers bulk import), Expense information, Tax &Tax Grouping, Units Categories, Item(items bulk import), Brands and Business required Reports and far more. Very responsive template used, advanced reports for review like sales payment report, Purchase payment report, Profit & Loss reports, Expense Report, Customer reports, Supplier report, Stock report.

Business Analyzer app which is useful for the companies stores, where storeowner keeps the records of sales and purchase. The central automatic data processing system then keeps track of this data. the acquisition order may include a listing of items that require to be pulled for packaging and shipping. Mismanaged inventory means disappointed customers, too much cash busy in warehouses and slower sales. This project eliminates the paper work, human faults, manual delay and speed up process .

It will be Business Analyzer will have the flexibility to trace sales and available inventory, tells a store owner when it is time to reorder and the way much to buy. Business Analyzer could be a windows application developed for Windows operating systems which focused within the area of internal control and generates the assorted required reports report.

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CHAPTER 1:
INTRODUCTION AND BACKGROUND OF THE INDUSTRY OR USER BASED PROBLEM

CHAPTER 2:
LITERATURE SURVEY FOR PROBLEM IDENTIFICATION AND SPECIFICATION

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DETAILED METHODOLOFY OF SOVLING THE IDENTIFIED PROBLEB WITH ACTION PLAN

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METHODOLOGY

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DETAILS OF DESIGN WORKING AND PROCESSES

CHAPTER 6:
RESULT AND APPLICATION

CHAPTER 7:
CONCLUSION AND FUTURE SCOPE

CHAPTER 8:
REFERENCES AND BIBILOGRAPHY

CHAPTER 1:

INTRODUCTION AND BACKGROUND OF THE INDUSTRY OR USER BASED PROBLEM

1.1 Motivation

While deciding the topic for the project to work on our team have came across various innovative topics that could have helped Businesses to solve their real life problems, but we wanted to work on the project that can have business expand too, we have heard to For the best security it only shares access with the sells team member which makes easier for them to access everything at a time. Also we know that big data usage covers the business goals that needs access to data, which is resulting into its analyses and integration into business decision making, therefore after mutual decision we finally decided the topic that will not only solve peoples Firstly there are many complains of data synchrozing regarding this app. Also Ledger never matches the tally. Also the services are very slow. They don't take actions sooner. The main point is that this app don't have backup storage. Therefore we have created Business Analyzer.

1.2 Background

Business Analyzer is a role employed in the IT industry and works with customers as well as the software development team. This has led to a common perception that business analyzer need programming skills. Non-IT professionals assume that it's extremely difficult to become a business analyst.However,that's really far from truth.

Business analyzer do deal with IT professional and with IT professional and IT processes. But they are not involved in coding/programming, that's the job of programmers. Business Analyzer deal with requirements understanding, development and management and functional testing. These responsibilities don't

1.3 Need

The Business Analyzer algorithm is built on Java and MySql library. It automatically calculates sales credit notes and also the purchase debit notes, which is not properly available in above apps but is actually needed. It will also help the user to check the stock using stock analyzer after purchasing or selling the stocks, which is very important for the user because one user cannot check all the stocks. Many companies' data will be there in this app but to handle it simultaneously is a very difficult part for one single user. So to overcome this, our app also manages the accurate data simultaneously. Then the main part of payment, which is done securely and the payment is accurately managed. Also shows how many balance is remaining. After the payment, automatic.

Receipt is generated to the user, and if user wants it in hardcopy then it also have the function to print there itself. The main part of backup which many apps don't have, is now provided in our app by using AWS cloud service. Also we can access it from wherever the user wants. So there's no issue of backup. And last but not the least is security for this app.

CHAPTER 2

LITERATURE SURVEY FOR PROBLEM IDENTIFICATION AND SPECIFICATION

2.1 Existing Systems

Nowadays most of the products of tally apps in the market are. There are many complains of data synchrozing regarding those app. Also Ledger never matches the tally. Also the services are very slow. They don't take actions sooner. The main point is that this app don't have backup storage. As we now that having backup of something is very necessary factor. All of those are paid apps which every person cannot afford. Second thing and main thing is that those apps don't have an enough security, which is very necessary for such apps because we have many private things in it. Many of them complained but no one takes action.

Therefore, to overcome all this issues we made a new app called Business Analyzer. Also in our app we are providing a much better security with all the modifications in it.

2.2 Description

Our application create shells and also purchase invoices which other apps don't do. For the best security it only shares access with the sells team member which makes easier for them to access everything at a time. Also we know that big data usage covers the business goals that needs access to data, its analyses and integration into business decision making. So Heavy data utilization is also added in this.

There's a lot of issues in generating the GST, to avoid it GST generation problem is solved in it. It also contains schedule reminder, client follow-up and sells analysis which is very necessary.

Application:

1. Sales, inventory and purchase management
2. Integrated payroll management
3. Access and security control
4. GST invoicing
5. Budgets and scenario management
6. Auto bank reconciliation
7. Data backups and data synchronization

2.3 Advantages

I. It has a much better security
II. Backup is now provided in our app.
III. Manages the accurate data simultaneously.
IV. The payment is accurately managed and done securely.

2.4 Disadvantages

Business Analyzer has its limitations, depending a which version you're using.

CHAPTER 3

DETAILED METHODOLOFY OF SOVLING THE IDENTIFIED PROBLEM WITH ACTION PLAN

3.1 Project Modules

Below are the modules of

Fig 3.1:-Business Analyzer Modules

1. **Customer:**
   We can create, read, update and delete customer from his module.

2. **Inventory:**
   All the operation related to Inventory, is managed by this module.
   .
3. **Payment:**
   Payment module is used to manage the payment.
   .
4. **Receiving Stock:**
   It has been developed for managing the Receiving Stock .

5. **Purchasing:**
   It manages the purchasing.

6. **Supplier:**
   Supplier operations will be managed by supplier module.

3.2 Input and Output:

Input : The Business Analyzer Andriod based inventory management system Application to use fpor add new customer, sales, purchase and sales. To generate the report and data backup.

Output: It is very easy to ues and reliable for business and grow the business**.**

3.3 Architectural Design

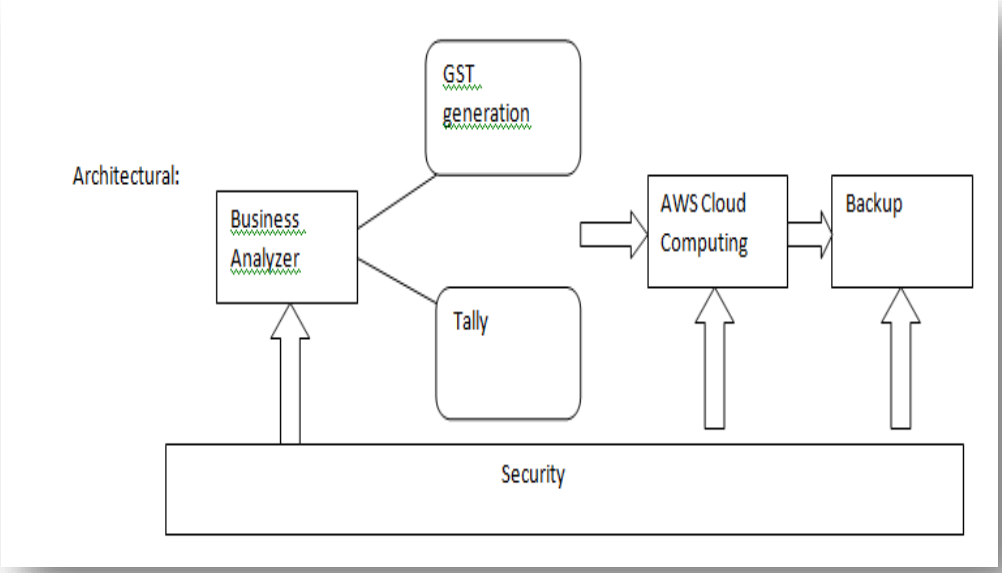

Fig 3.2:-Architecture

3.4 UML DESIGN

Data Flow Diagram

3.4.1 DFD 0

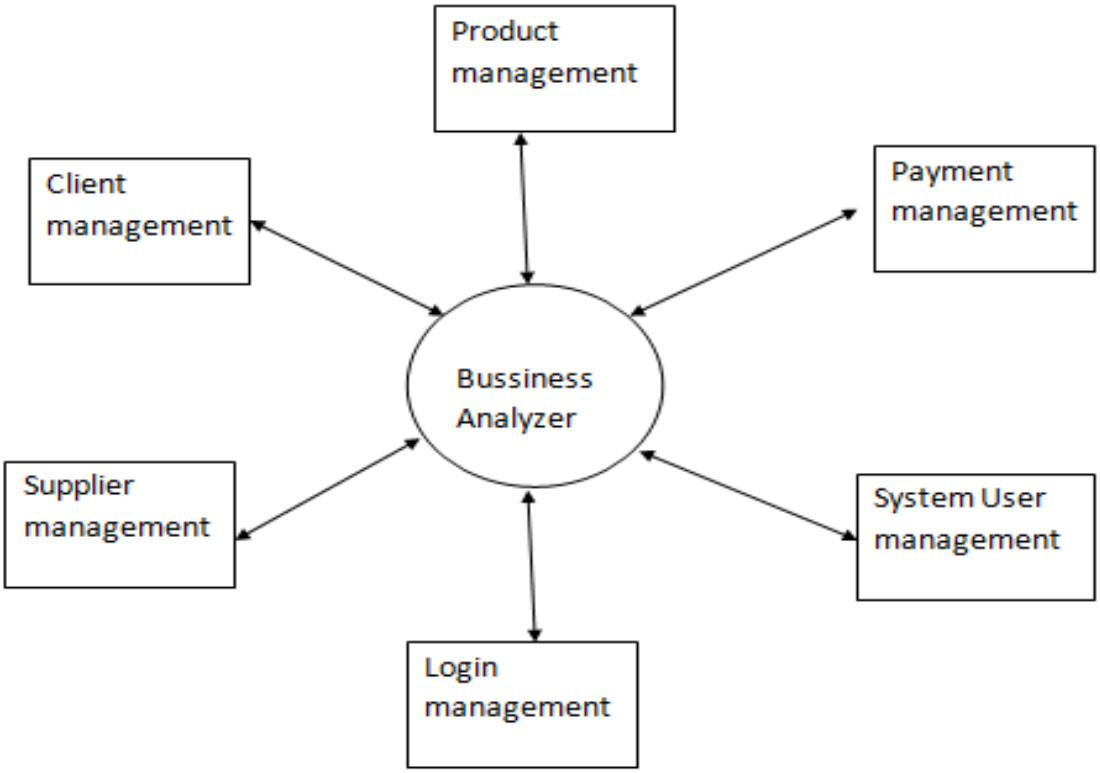

Fig 3.3:- DFD Level 0 Diagram

3.4.2 DFD 1

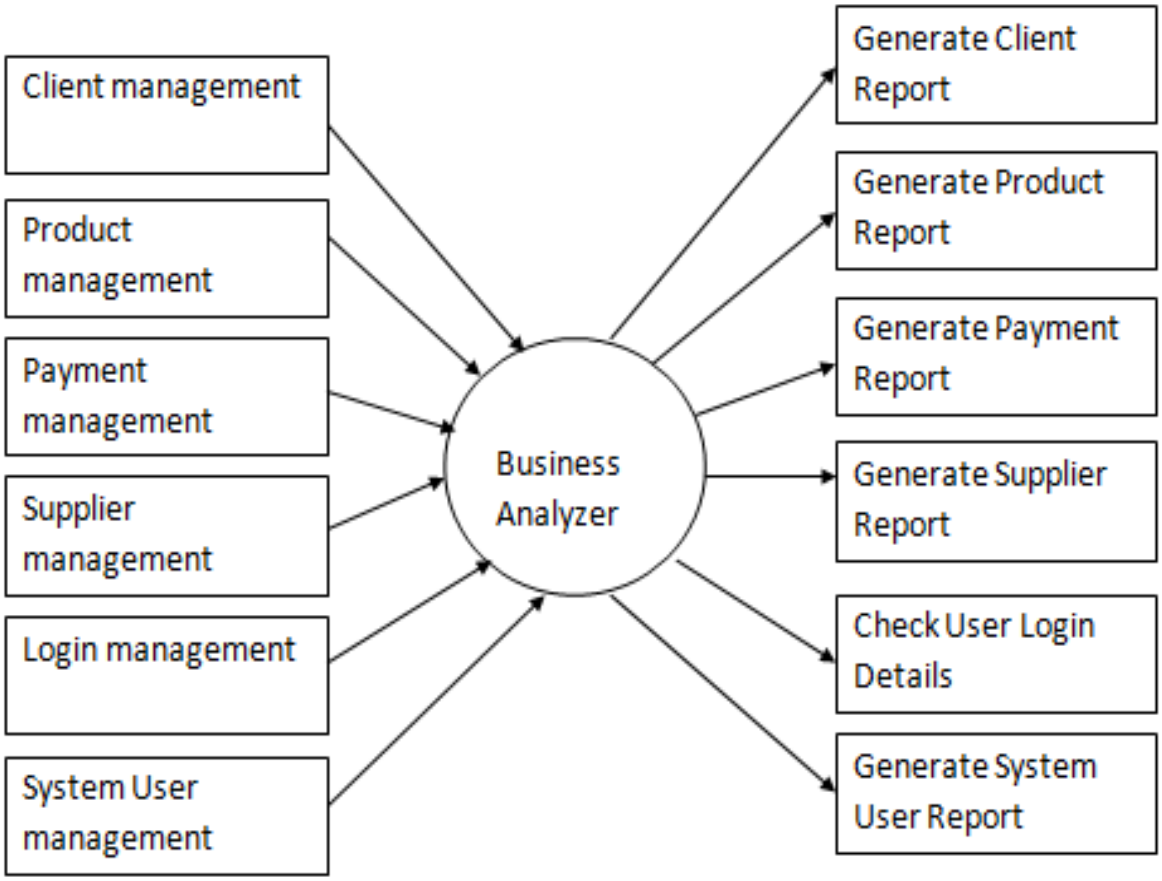

Fig 3.4:- DFD Level 1 Diagram

3.4.3 Use case

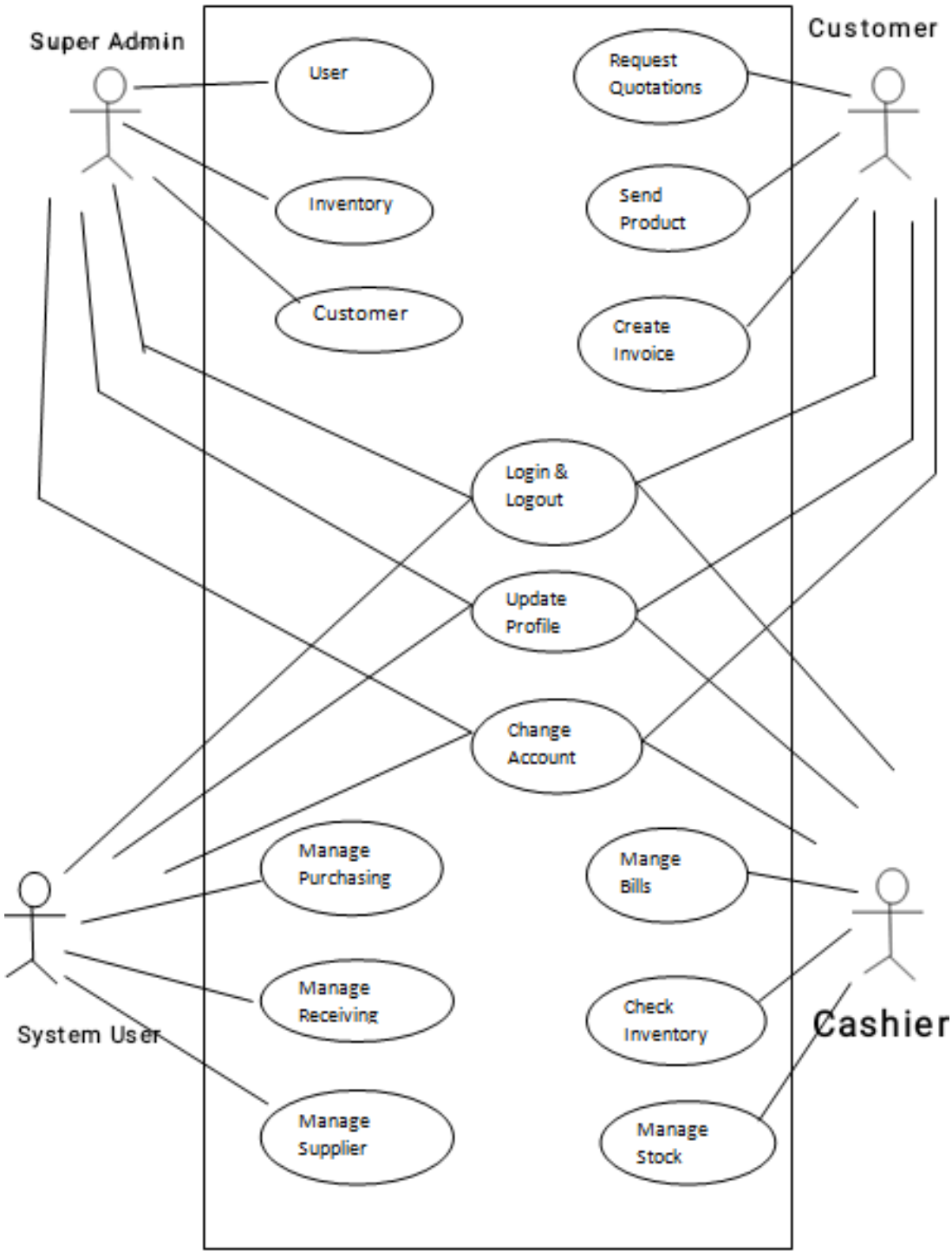

Fig 3.5:- Use Case Diagram

3.4.4 Class

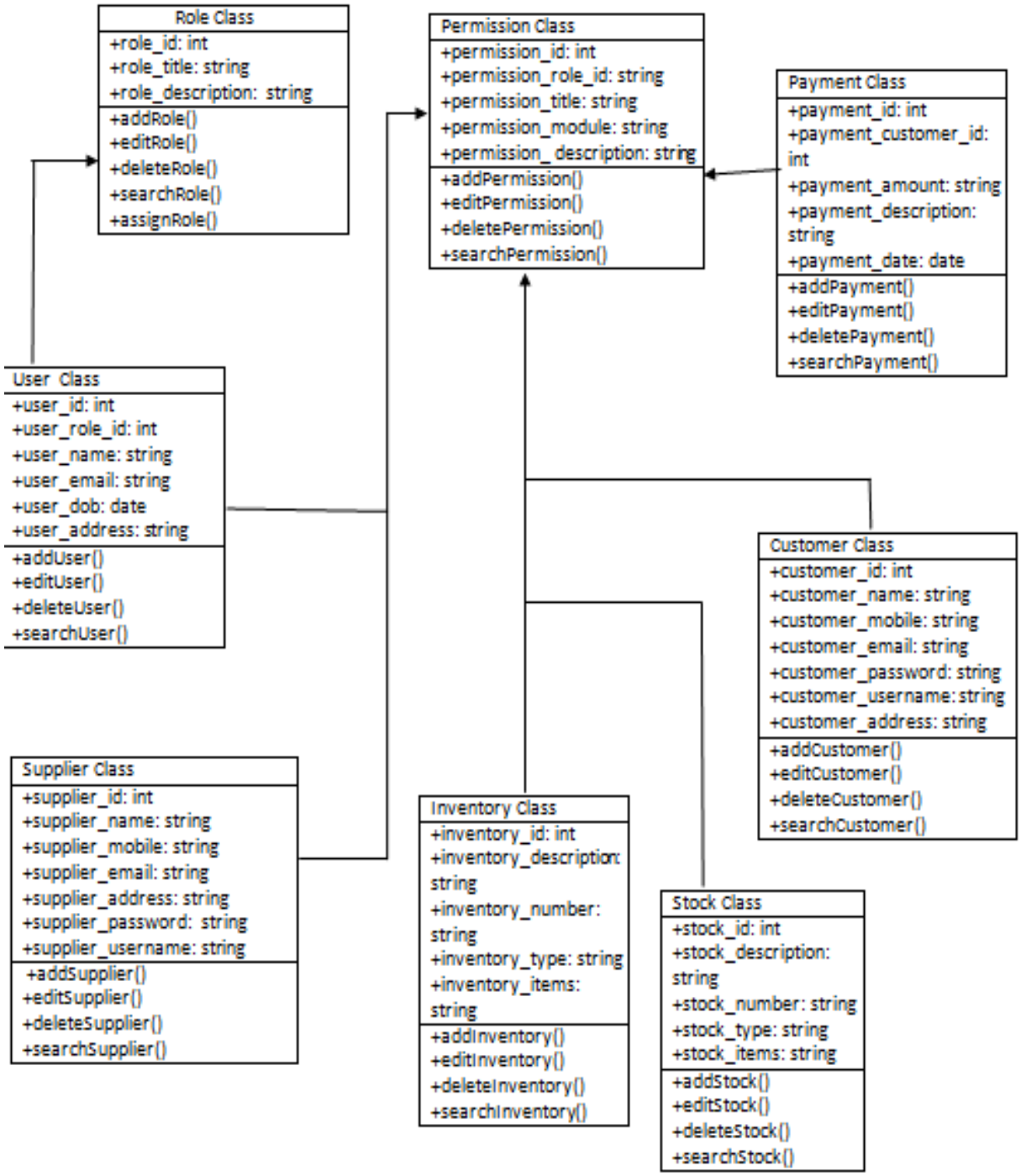

Fig 3.6:- Class Diagram

3.4.5 Activity

.

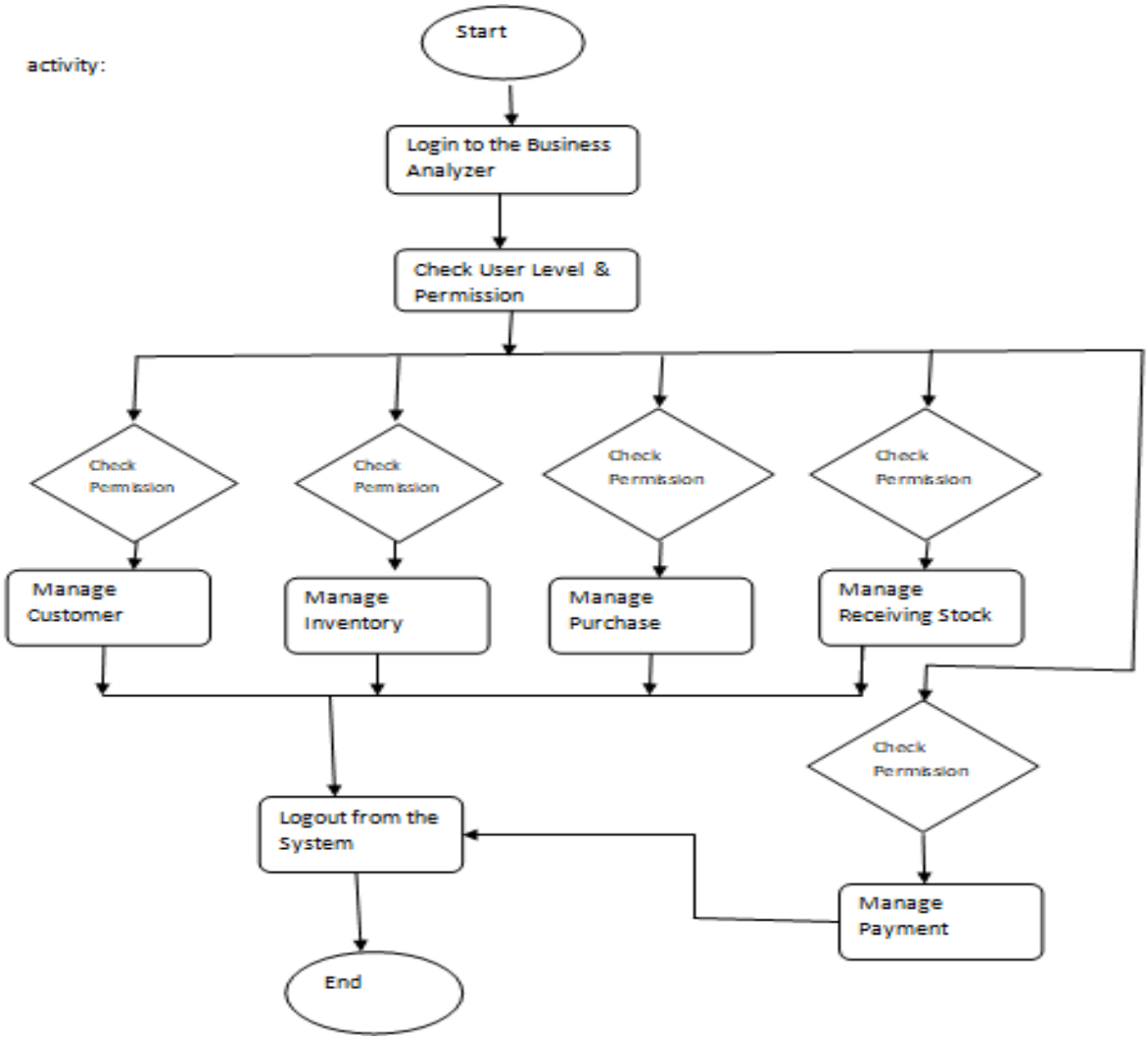

Fig 3.7:- Activity Diagram

3.4.6 Sequence

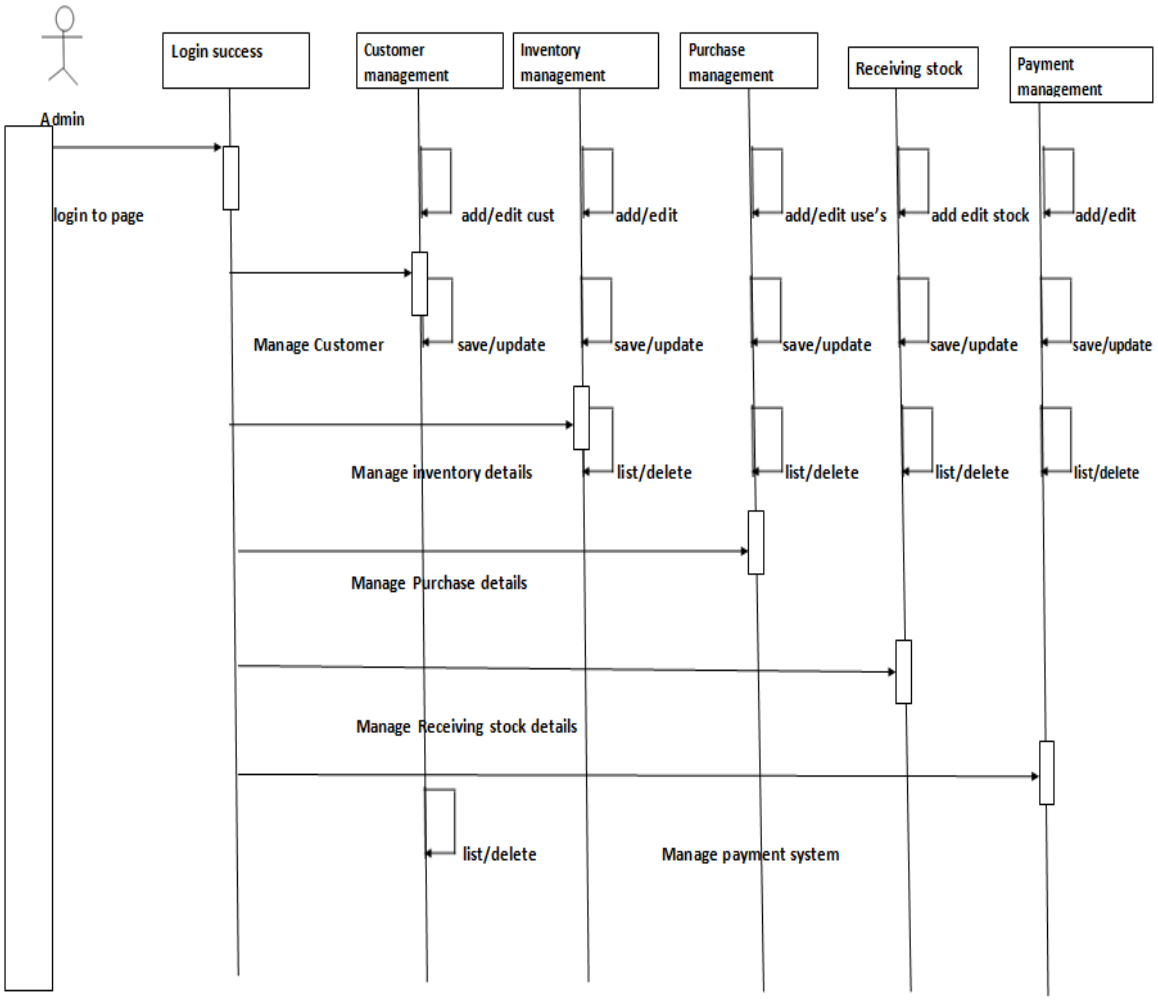

Fig 3.8:- Sequence Diagram

3.4.7 Project Schedule :

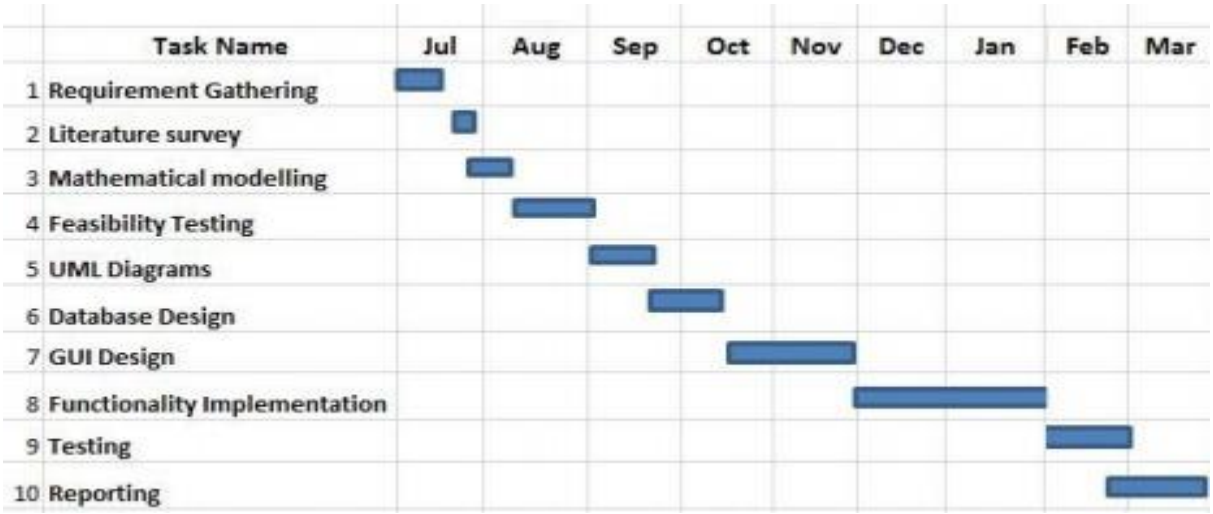

Fig 3.9:- Project Schedule Diagram

CHAPTER 4:

METHODOLOGY

4.1 Methodology:

SDLC Activities SDLC provides a series of steps to be followed to design and develop a software product efficiently. SDLC framework includes the following step:

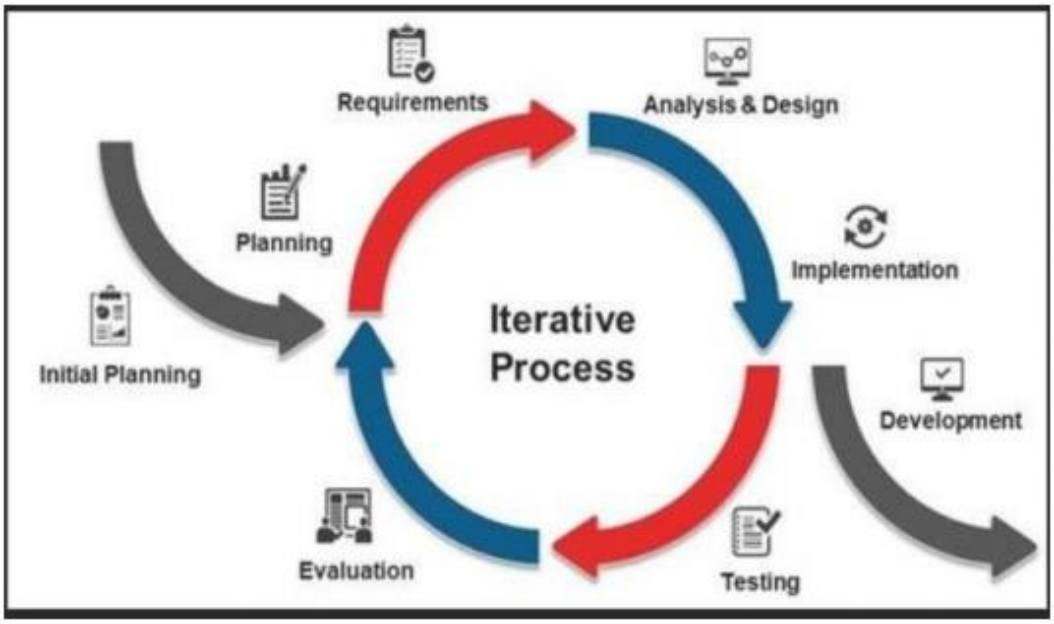

Fig 4.1:- SDLC Diagram

1. **Requirement Gathering:**

This step onwards the software development team works to carry on the project. The team holds discussions with various stakeholders from problem domain and tries to bring out as much information as possible on their requirements. The requirements are contemplated and segregated into user requirements, system requirements and functional requirements. The requirements are collected using a number of practices as given –

- studying the existing or obsolete system and software.
- conducting interviews of users and developers.
- referring to the database or collecting answers from the questionnaires.

2. **Feasibility Study:**

After requirement gathering, the team comes up with a rough plan of software process. At this step the team analyze if a software can be made to fulfill all requirements of the user and if there is any possibility of software being no more useful. It is found out, if the project is financially, practically and technologically feasible for the organization to take up. There are many algorithms available, which help the developers to conclude the feasibility of a software project.

3. **System Analysis:**

At this step the developers decide a roadmap of their plan and try to bring up the best software model suitable for the project. System analysis includes Understanding of software product limitations, learning system related problems or changes to be done in existing systems beforehand, identifying and addressing the impact of project on organization and personnel etc. The project team analyze the scope of the project and plans the schedule and resources accordingly.

4. **Software Design:**

Next step is to bring down whole knowledge of requirements and analysis on the desk and design the software product. The inputs from users and information gathered in requirement gathering phase are the inputs of this step. The output of this step comes in the form of two designs; logical design and physical design. Engineers produce meta-data and data dictionaries, logical diagrams, data-flow diagrams and in some cases pseudo codes.

5. **Coding:**

This step is also known as programming phase. The implementation of software design starts in terms of writing program code in the suitable programming language and developing error-free executable programs efficiently.

6. **Testing:**

An estimate says that 50% of whole software development process should be tested. Errors may ruin the software from critical level to its own removal. Software testing is done while coding by the developers and thorough testing is conducted by testing experts at various levels of code such as module testing, program testing, product testing, in-house testing and testing the product at user's end. Early discovery of errors and their remedy is the key to reliable software.

7. Integration:

Software may need to be integrated with the libraries, databases and other program(s). This stage of SDLC is involved in the integration of software with outer world entities. 8. Implementation: This means installing the software on user machines. At times, software needs post-installation configurations at user end. Software is tested for portability and adaptability and integration related issues are solved during implementation.

8. Operation and Maintenance:

This phase confirms the software operation in terms of more efficiency and less errors. If required, the users are trained on, or aided with the documentation on how to operate the software and how to keep the software operational. The software is maintained timely by updating the code according to the changes taking place in user end environment or technology. This phase may face challenges from hidden bugs and real-world unidentified problems. 10. Deployment: As time elapses, the software may decline on the performance front. It may go completely obsolete or may need intense upgradation. Hence a pressing need to eliminate a major portion of the system arises. This phase includes archiving data and required software components, closing down the system, planning disposition activity and terminating system at appropriate end-of-system time.

4.2 Risk Management:

Fig 4.2:- Risk Management Diagram

1. **Identify Risk:**

Risk identification requires knowledge of the organization, the market in which it operates, the legal, social, economic, political, and climatic environment in which it does its business, its financial strengths and weaknesses, its vulnerability to unplanned losses, the manufacturing processes, and the management systems and business mechanism by which it operates. Any failure at this stage to identify risk may cause a major loss for the organization. Risk identification provides the foundation of risk management.

2. **Access Risk:**

Once risks have been identified, they must then be assessed as to their potential severity of loss and to the probability of occurrence. These quantities can be either simple to measure, in the case of the value of a lost building, or impossible to know for sure in the case of the probability of an unlikely event occurring. Therefore; In the assessment process, it is critical to making the best-educated guesses possible in order to properly prioritize the implementation of the risk management plan. The fundamental difficulty in risk assessment is determining the rate of occurrence since statistical information is not available on all kinds of past incidents. Furthermore; Evaluating the severity of the consequences (impact) is often quite difficult for immaterial assets. Asset valuation is another question that needs to be addressed.

3. **Control Risk:**

Risk can be controlled either by avoidance or by controlling losses. Avoidance implies that either a certain loss exposure is not acquired or an existing one is abandoned. Loss control can be exercised in two ways. Control risk is very important in auditing as it can prevent the misstatement of financial information. However, when the control mechanism fails to detect fraud and error, the financial information is misstated, and investors get the wrong picture about a firm's financial condition. 4. Review Control: Initial risk management plans will never be perfect. Practice, experience and actual loss results will necessitate changes in the plan and contribute information to allow possible different decisions to be made in dealing with the risks being faced. Risk analysis results and management plans should be updated periodically. There are two primary reasons for this; 1. To evaluate whether the previously selected security controls are still applicable and effective, and, 2. To evaluate the possible risk level changes in the business environment. For example, information risks are a good example of the rapidly changing business environment.

CHAPTER 5

DETAILS OF DESIGN WORKING AND PROCESSES

5.1 System Overview:

In our project, It is an Inventory Management System. It's a system that performs stock management. To support of supplier and customer. The code is written in Android java, PHP for the web application. Our application create shells and also purchase invoices which other apps don't do. For the best security it only shares access with the sells team member which makes easier for them to access everything at a time. Also we know that big data usage covers the business goals that needs access to data, its analyses and integration into business decision making. So Heavy data utilization is also added in this.

5.2 Working:

Following are the steps in working of our project:

1. **Open The project the in web browser:**
   After open the project it show like that, click on Get Started.

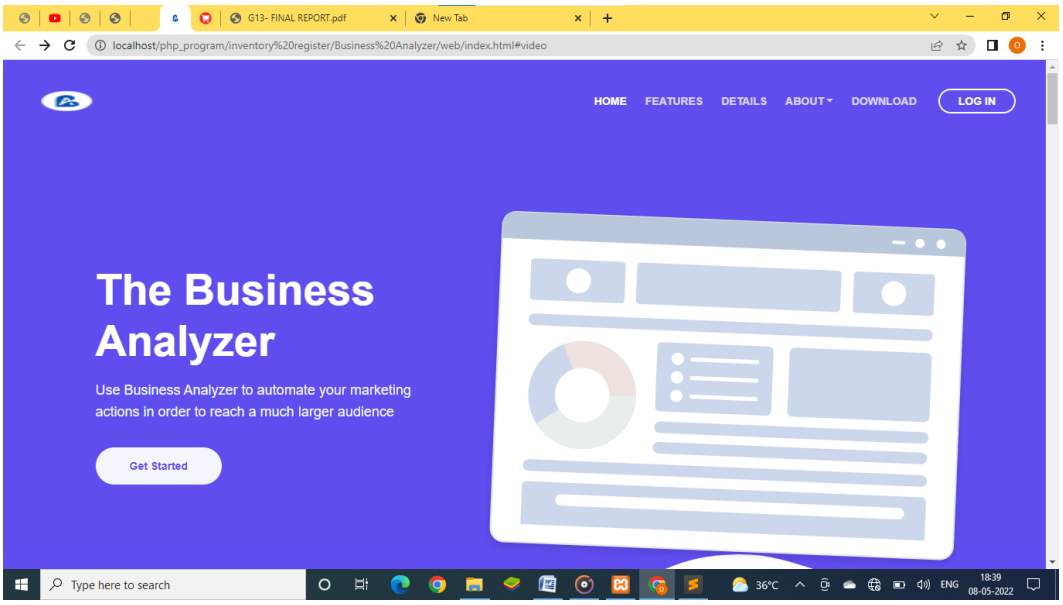

Fig 5.1:- Home Page

2. Signup :

If you are not register then sign up here with your proper details and successfully register.

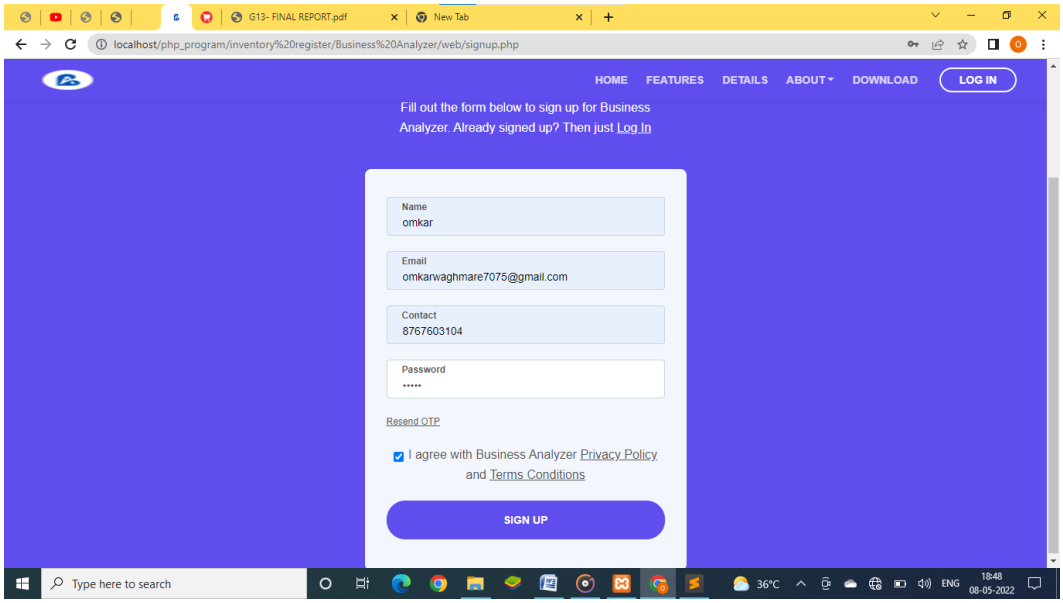

Fig 5.2:- SignUp

3. Verify OTP & Resend:

After sign up their is one user authentication to be safely to register to site. Here the OTP verification and OTP send to the user.

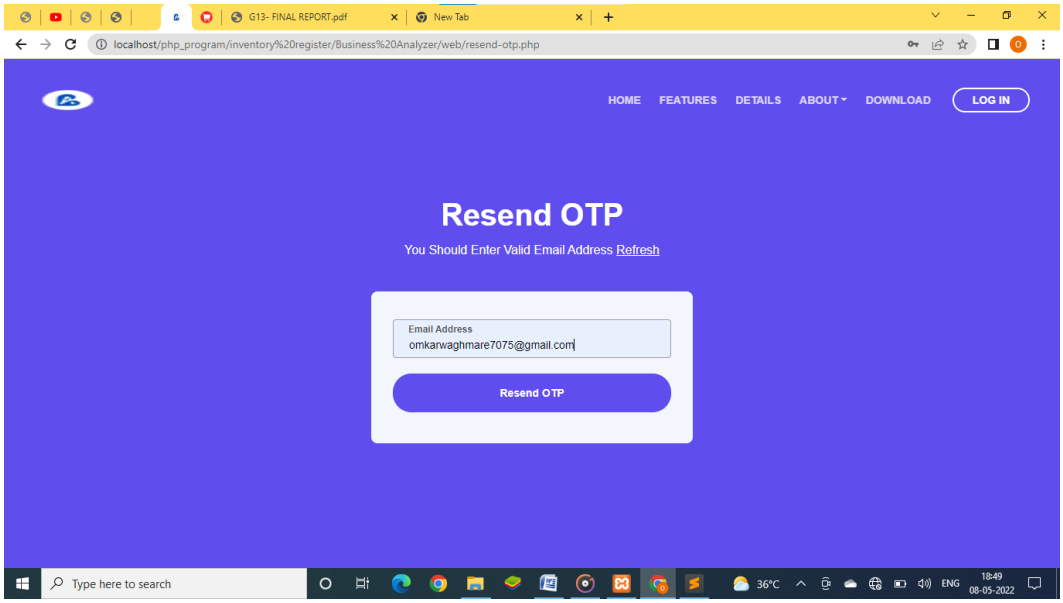

Fig 5.3:- Verify & Resend OTP

4. Download Product:

You Successfully register and verify the OTP then login & you should redirect to download page. we provided our product to user to download it and use it.

We developed Andriod Application, Desktop Application and also Web Application for users.

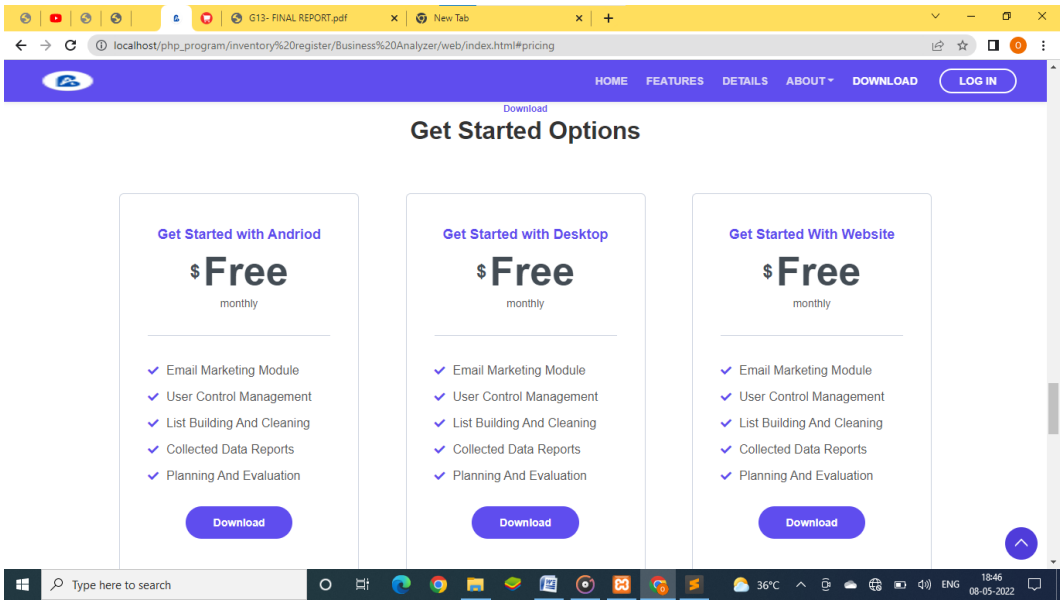

Fig 5.4:- Download Product

Downloading Project Successfully. As per product open the project

Android Application

Login

Login Screen:

Username :admin

Password : 123456

Forgot Password:

Login Screen -> Click on "I Forgot my Password link"
Here you have enter registered email id, after submitting you will get One Time Password(OTP). Please enter that OTP in next form for password change.

Dashboard

- POS Shortcut Link
- New Category
- New Item
- New Supplier
- New Customer
- New Purchase
- New Sale

Sales

POS Sales :
Easy version sales entry. Here you can sell to Specific or Walk-in Customer.
Select Items from Item Search box using Item name, Barcode or Item code.
Select Items From Right Side Box, Also given category wise search and Specific Item Wise search Box.

Customers

New Customer:
Customers ->New Customer
Adding a Customers it's a very easy task. Enter Customer name, Mobile, Phone, Email, GST Number, TAX Number, Opening Balance, Country(Optional field), State, City, Postcode(Optional field), Address(Optional field) and click on Save button.

Purchase

New Purchase:
Purchase -> New Purchase
Creating or entering a Purchase information in inventory is a very easy task. You need to select date

Supplier

New Supplier:
Suppliers->New Supplier
Adding a Suppliers it's a very easy task. Enter Supplier name, Mobile, Phone, Email, GST Number, TAX Number, Opening Balance, Country(Optional field), State, City, Postcode(Optional field), Address(Optional field) and click on Save button.

Items

New Item:
Items->New Item
Adding a Items it's a very easy task. Enter Item name, Select Category, Unit, SKU(Optional Field), Alert Quantity(Optional field), and click on Save button.

Expenses

New Expense Category:
Expense->New Expense Category
Creating or entering a Expense Category information in inventory is a very easy task. Enter Category Name, Enter Description and click on Save button.

Places

New Country:
Places->New Country
Adding a Country it's a very easy task. Enter Country name and click on Save button.

Reports

Sales Report:
Reports -> Sales Report

Purchase Report:
Reports -> Purchase Report

User

Create User:
Settings->Create User
Adding a User it's a very easy task. Enter user name, Mobile number, Email ID, Role(Admin/Sales/Purchase), enter password and confirm the password fields of the new user and click on Save button

Setting

Company Profile:
Settings->Company Profile
You can update the company profile information's like Company name, Phone, Mobile, Email, GST Number, VAT Number, PAN Number, Bank Details, Website link, Country, State, Postcode, Address and Invoice Logo.

CHAPTER 6

RESULT AND APPLICATION

6.1 Results:

Following are the results of various Working Modules of Business Analyzer :

Android Application

Login

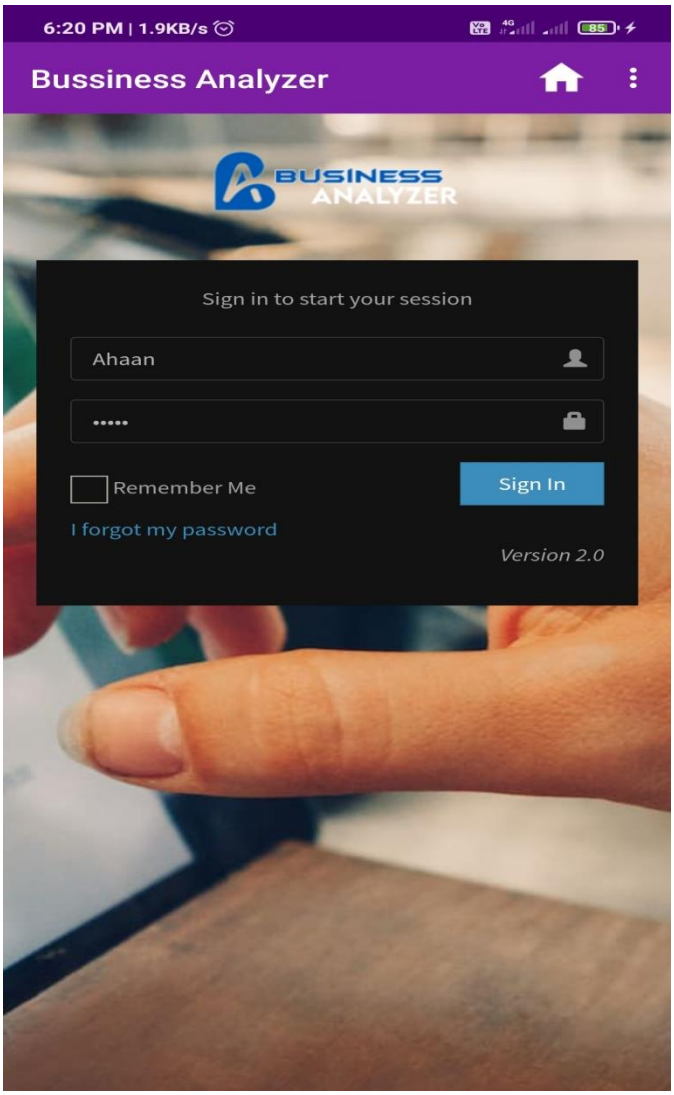

Fig 6.1:- Login

Dashboard

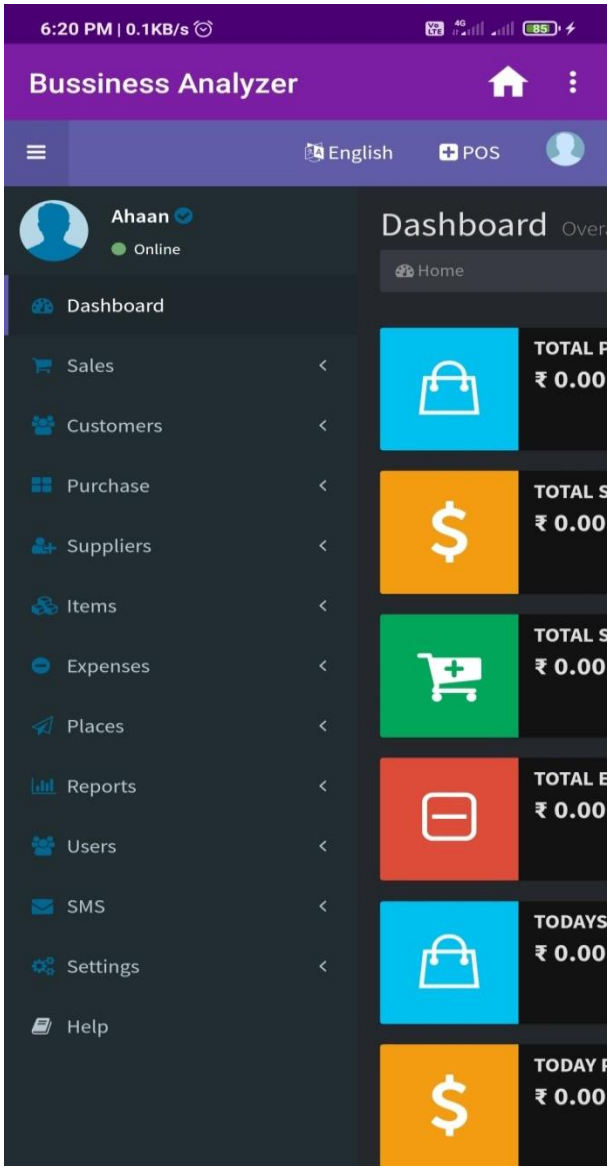

Fig 6.2:- Dashboard

Sales

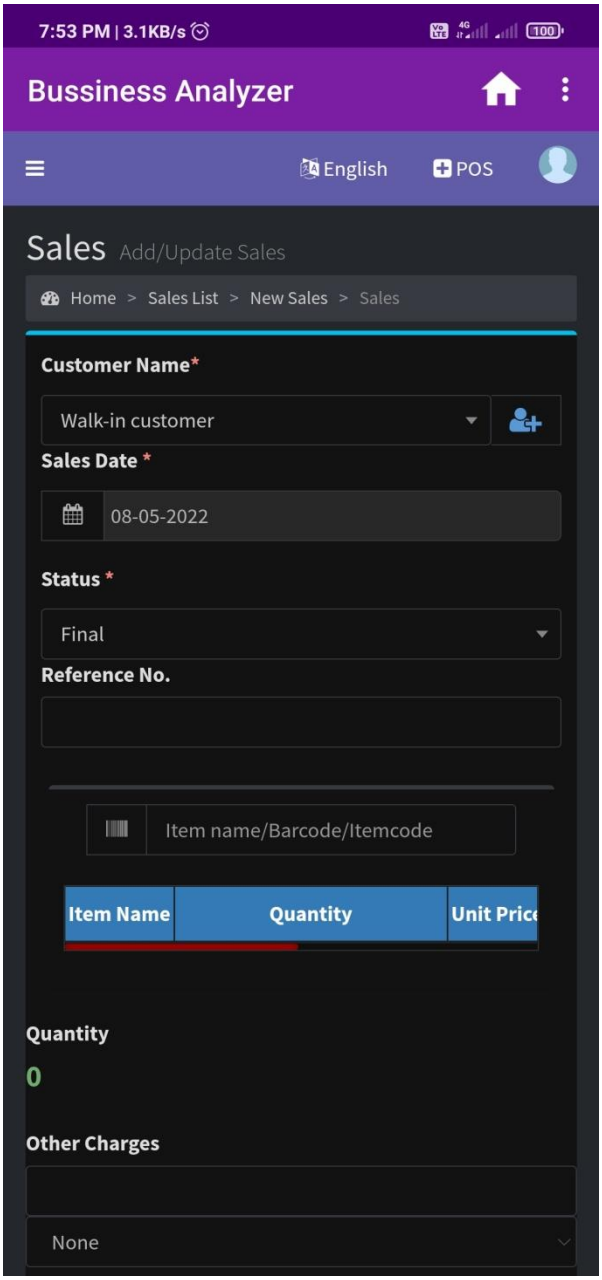

Fig 6.3 :- Sales

Customers

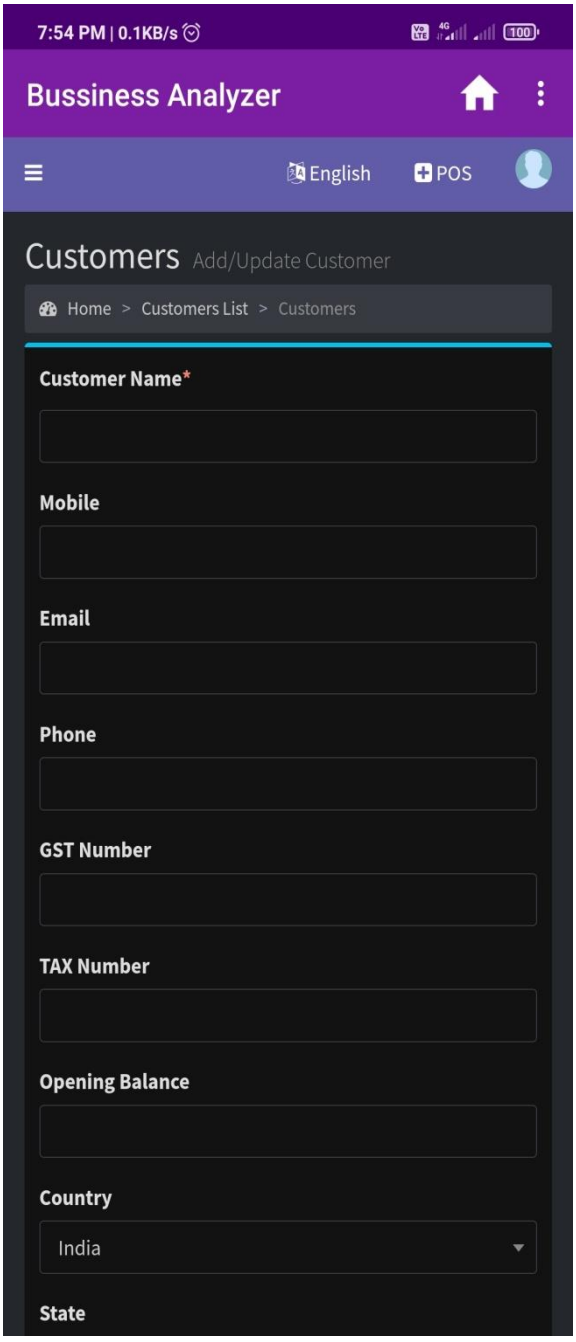

Fig 6.4:- Customers

Purchase

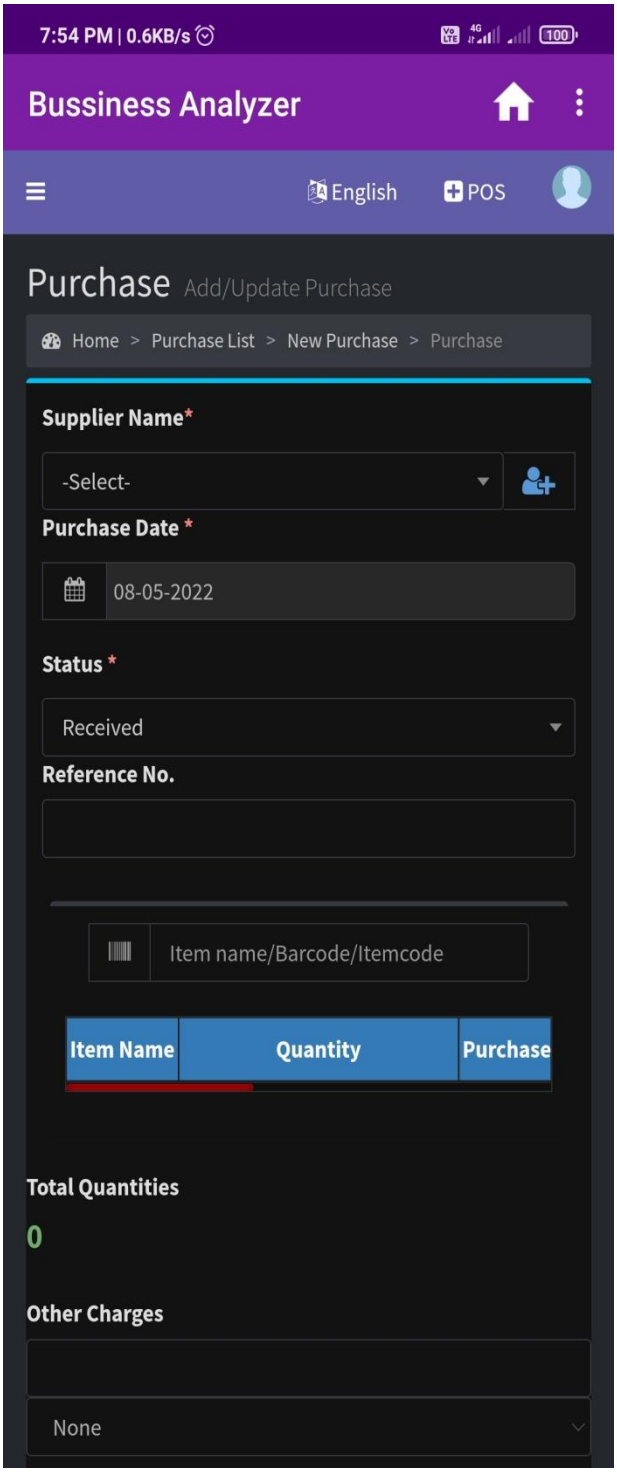

Fig 6.5:- Purchase

Supplier

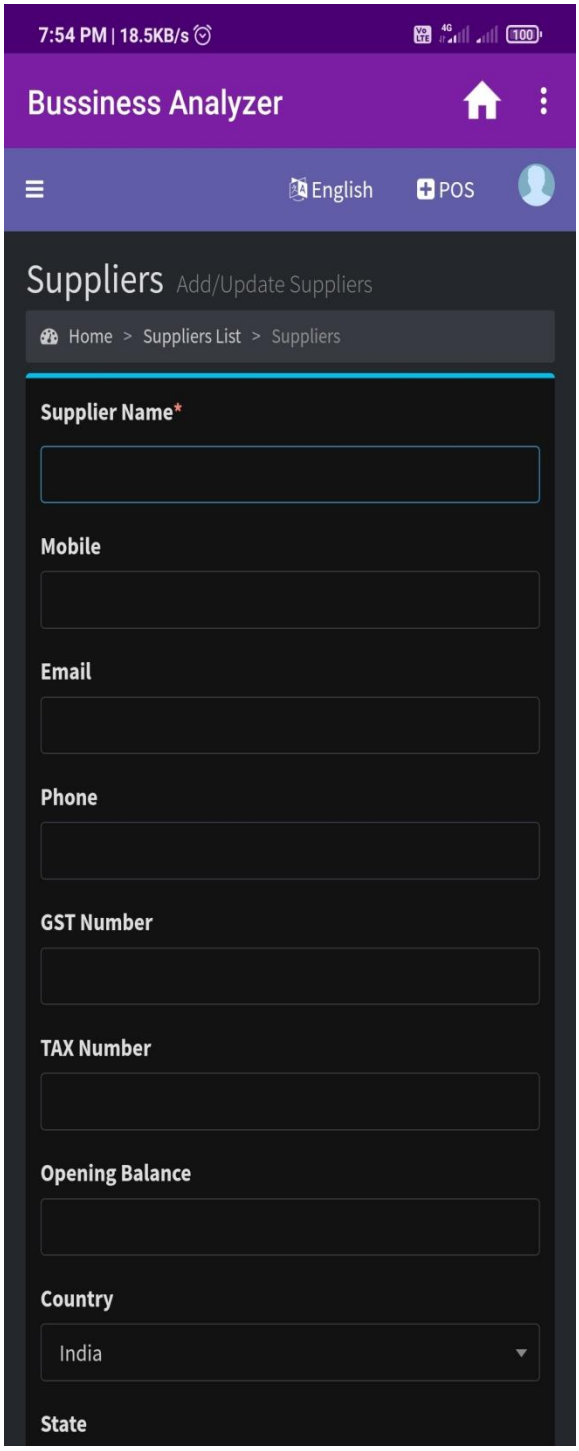

Fig 6.6:- Supplier

Items

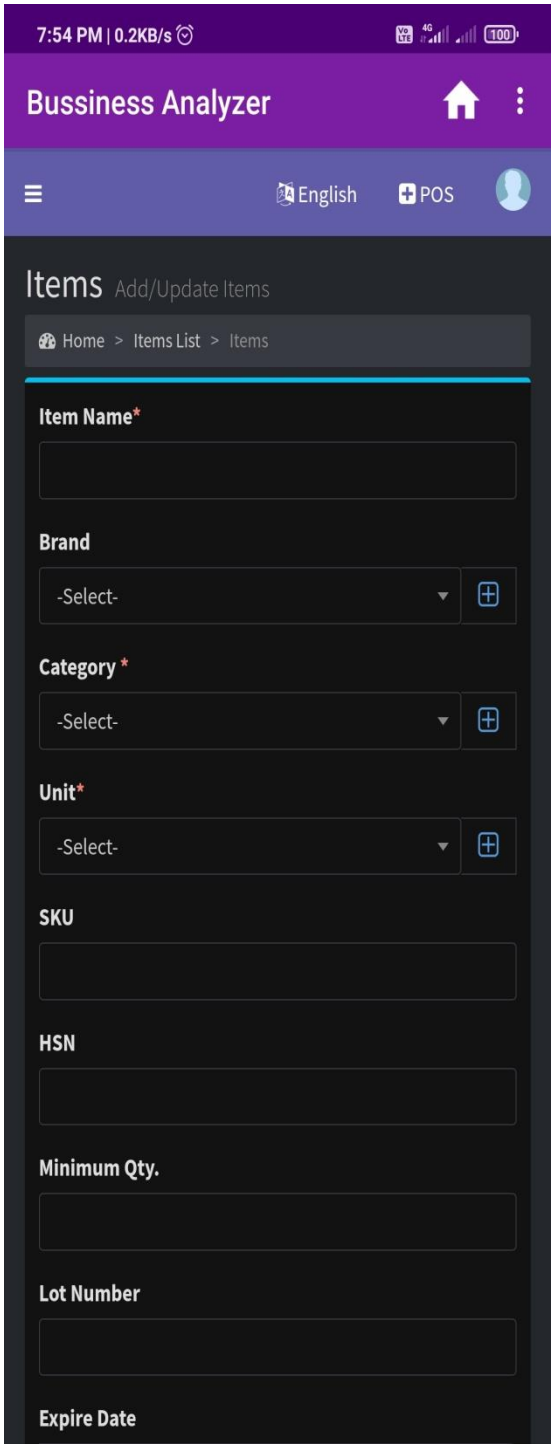

Fig 6.7:- Items

Expenses

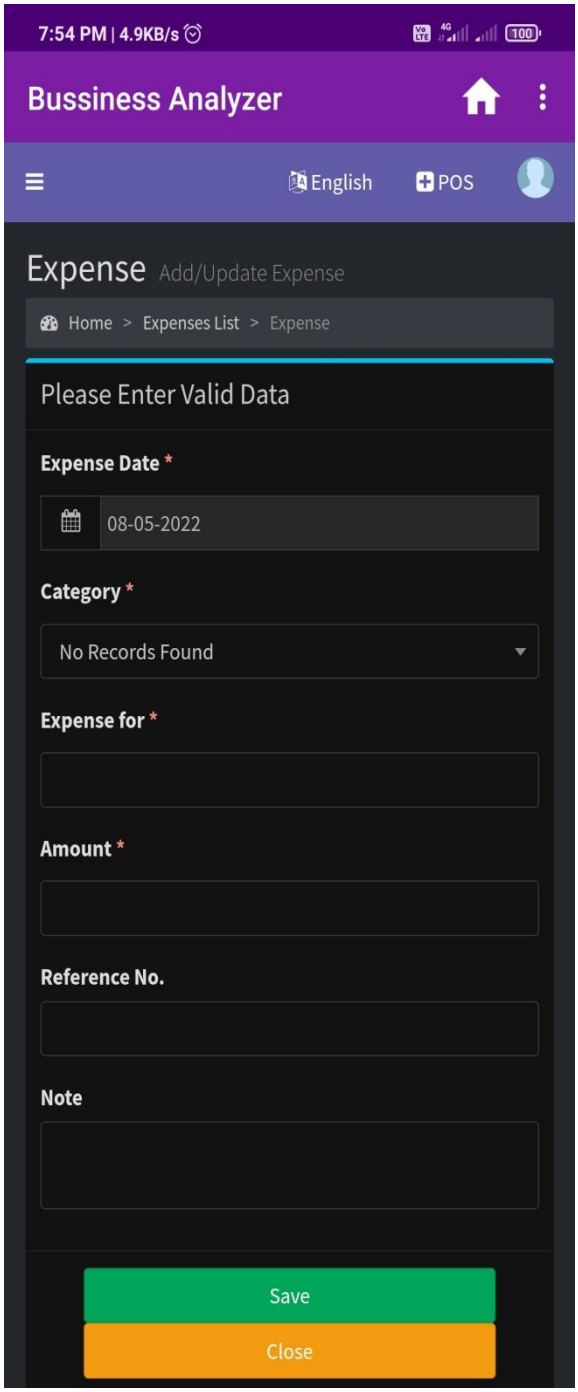

Fig 6.8:- Expenses

Places

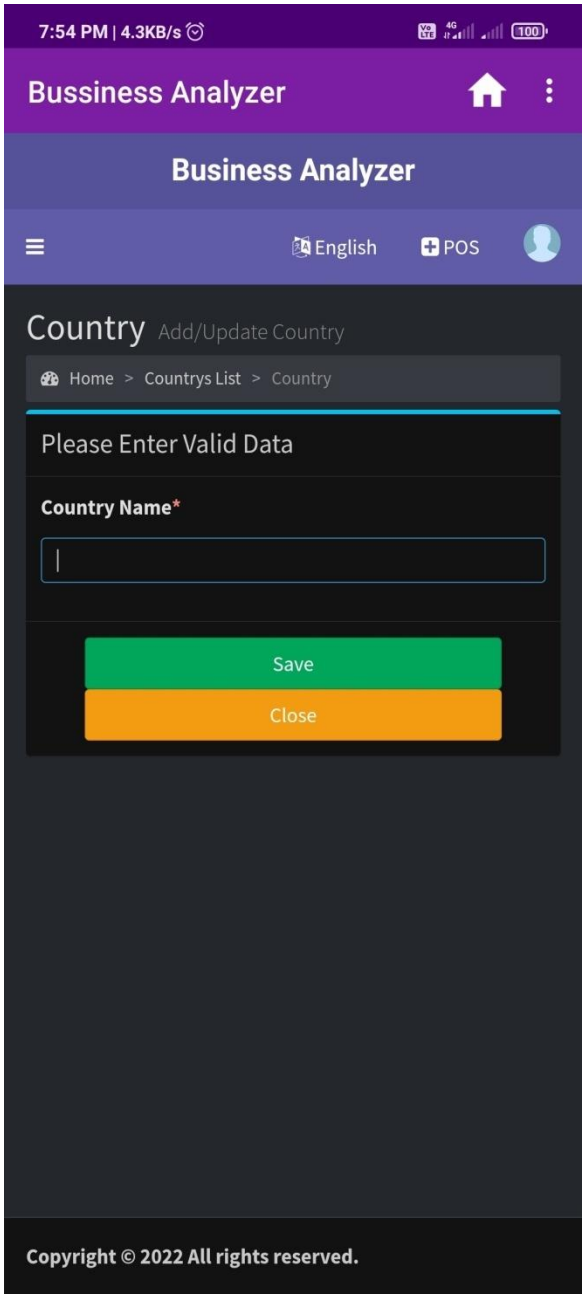

Fig 6.9:- Places

Reports

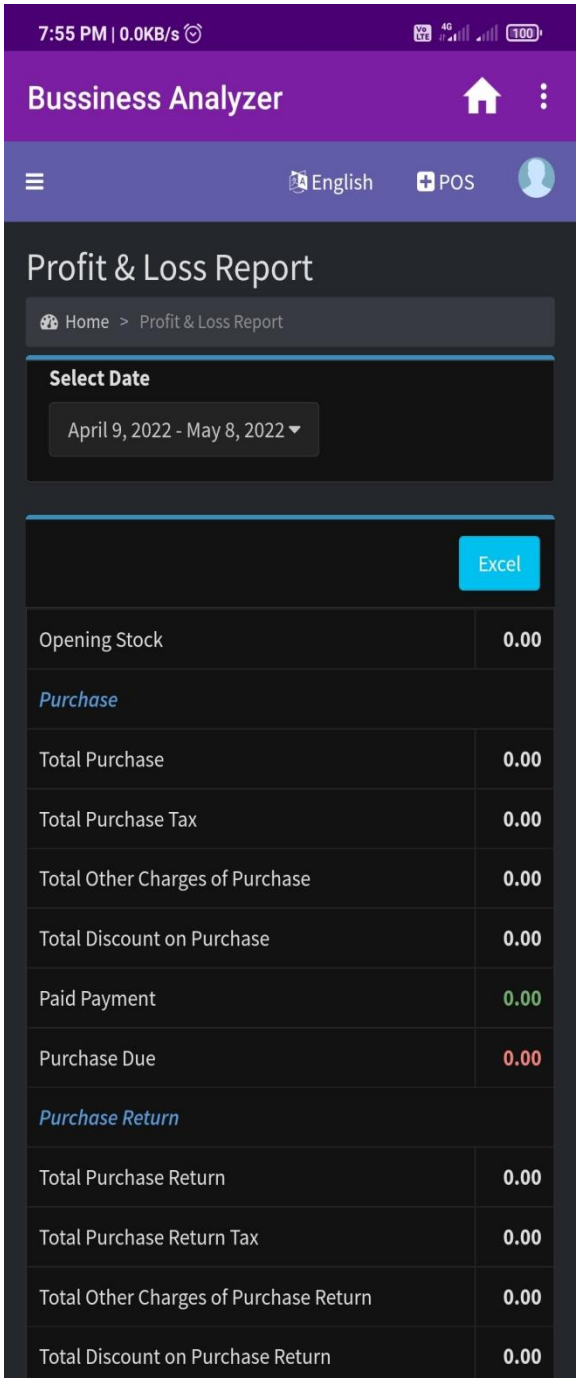

Fig 6.10:- Reports

User

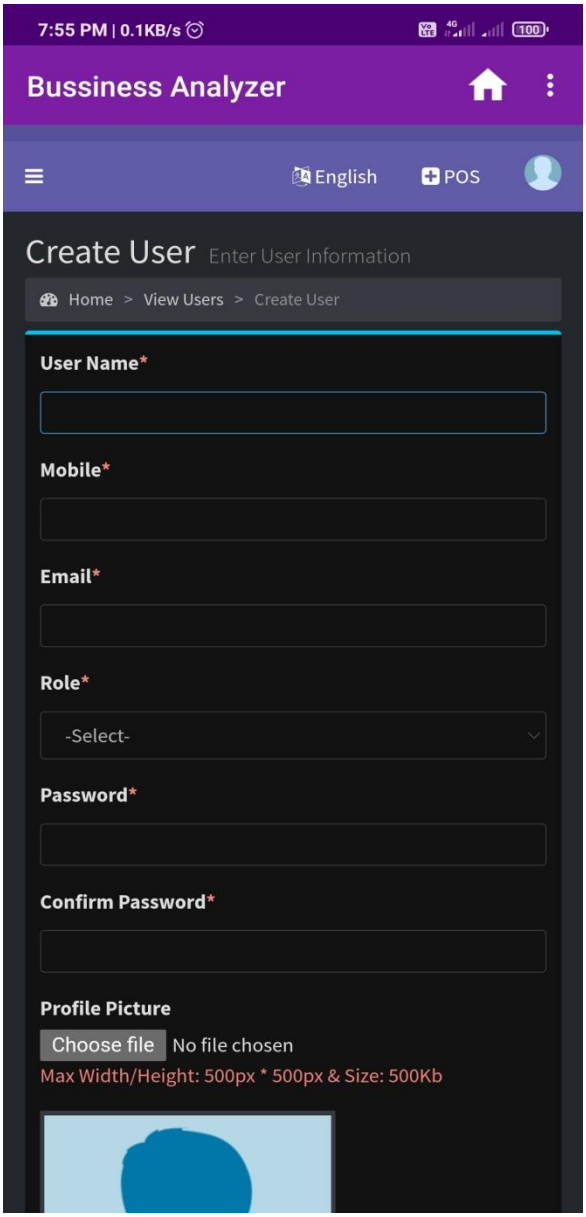

Fig 6.11:- Users

Setting

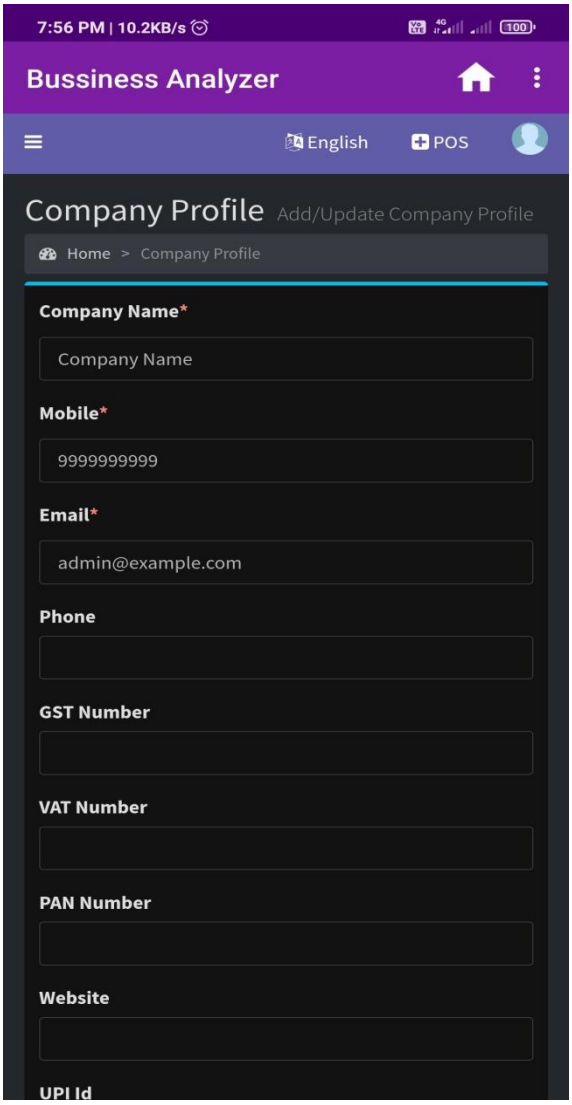

Fig 6.12:- Settings

6.2 Application:

1. Sales, inventory and purchase management
2. Integrated payroll management
3. Access and security control
4. GST invoicing
5. Budgets and scenario management
6. Auto bank reconciliation
7. Data backups and data synchronization

CHAPTER 7

CONCLUSION AND FUTURE SCOPE

7.1 Conclusion:

Business Analyzer (Inventory Management System) that he conclusion of the research or review should go here. This Project Database Design for Business Analyzer (Inventory Management System) will give the students the possibility to undertake their abilities in practice. Upon doing this task the students will gain more understanding on database layout and also the way it's able to apply in planet circumstances. we are able to use their database designing skills also in other project. Our application create sells and also purchase invoices. For the only security it only shares access with the sells team member. App provides backup service to revive data in some case. It also provides sales information on a daily, weekly, and monthly basis.

This system makes inventory management a breeze. Increased income and profitability, a better employee climate, and an overall boost in customer satisfaction will be noticed as a result of the inventory management system. To be able to simplify the user friendliness even more the concept of 'prediction' is added which enables the manager to see the past years prediction of the ingredients usage and then based on the informational analysis done on the data a prediction is then generated which would suit the requirements of the current year and then accordingly an appropriate order form is generated and then passed on to the vendor as the requirements for replenishing the stock.

7.2 Future Scope:

The scope of this project is to provide support for ios and desktop system. we are going to create simpler and straight forward user interface.

CHAPTER 8

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2]Jagdev Bhogal.Facultyo f Technology, Telecommunication and Networks Birmingham City University, UK,

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Business Analyzer

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Abstract: The application manages the Sales & Return Invoices likewise as Payments, Purchase &Purchase return Invoices as well as Payments, Customers information(Customer Bulk Import) Suppliers information (suppliers bulk import), Expense information, Tax &Tax Grouping, Units Categories, Item(items bulk import), Brands and Business required Reports and far more. Very responsive template used, advanced reports for review like sales payment report, Purchase payment report, Profit & Loss reports, Expense Report, Customer reports, Supplier report, Stock report. Business Analyzer app which is useful for the companies stores, where storeowner keeps the records of sales and purchase. The central automatic data processing system then keeps track of this data. the acquisition order may include a listing of items that require to be pulled for packaging and shipping. Mismanaged inventory means disappointed customers, too much cash busy in warehouses and slower sales. This project eliminates the paper work, human faults, manual delay and speed up process . it'll Business Analyzer will have the flexibility to trace sales and available inventory, tells a store owner when it is time to reorder and the way much to buy. Business Analyzer could be a windows application developed for Windows operating systems which focused within the area of internal control and generates the assorted required reports report.

Index Terms: Inventory Management System, Business analyzer, Point Of sales, ultimate inventory sales, Invoices, warehouse management, stock management, GST Billing.

I. INTRODUCTION

The Business Analyzer (inventory management system) at a warehouse is a set of techniques, methods, and technologies for managing and controlling invoices. It can be used and utilized in a wide range of ways, from simple to complex. It focuses on the needs and scale of the company, as well as the capabilities and utility of the management software. Business Analyzer (Inventory managementsystem) software is a necessary and valuable tool for all firms that deal with inventory. It regulates the movement of stockin and out, keeps track of inventory levels for all items and stock, provides access to sales data and analytics, and helps businesses specify specific safety stock requirements. Business Analyzer is, in a way, the lifeblood of a company; itis what generates sales, which drives profitability. The advantages of a sophisticated and effective Business Analyzersystem can be enormous. The way a company maintains its inventory can have a big impact on its overall success.

Nowadays most of the products of tally apps in the market are. There are many complains of data synchrozing regarding those app. Also Ledger never matches the tally. The main point is that this app doesn't have backup storage. All of those are paid apps which every person cannot afford. Those apps don't have an enough security, which is very necessary for such apps because we have many private things in it. Therefore, to overcome all this issues we made a new app called Business Analyzer. Also in our app we are providing a much better security with all the modifications in it.

A. DEFINITION

Business Analyzer (Ultimate Inventory with (POS)) point of sale is cloud-based Software. The software offers users to track and manage their customers, sale, purchase, stock & transactions, POS system with Bar Coding, GST/TAX invoicing multiple payment options.

ARCHITECTURE

Business Analyzer

The Business Analyzer is our android application. The Business Analyzer is also known as a inventory management system. We develop a android application for the inventory to do GST Billing, Accounting Invoices.

GST Generation

An invoice generator software helps create invoices and credit notes under the quality format. It enables accountants and business owners to calculate the taxable amounts, keep track of all transactions, and interact with vendors/customers.

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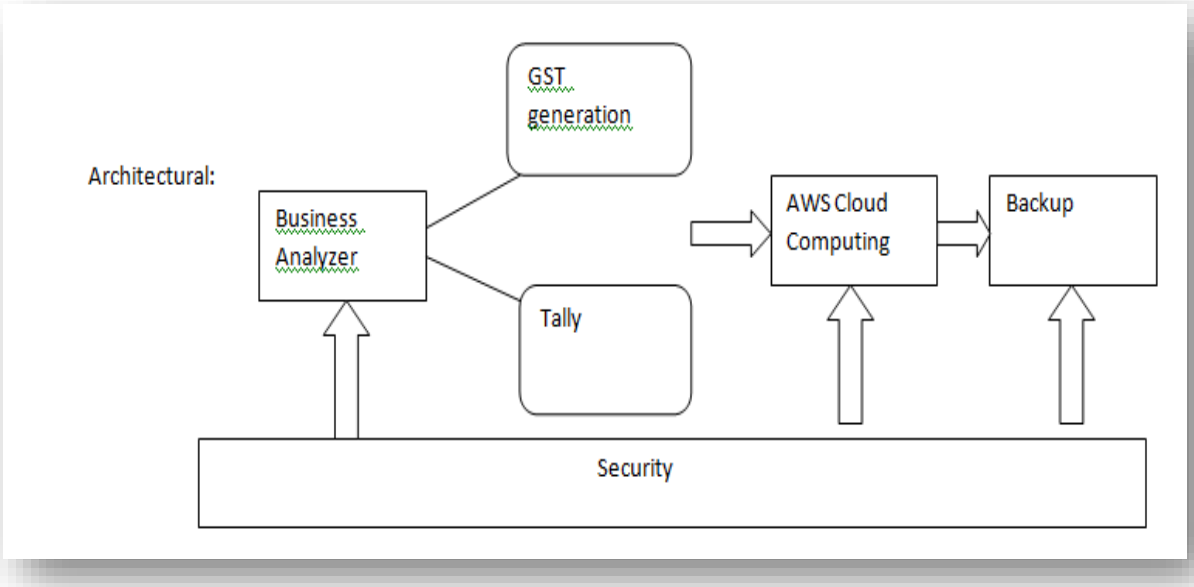

Figure.1.0 Architecture of Business Analyzer

Tally

A tally could be a nonstop count of something, a small amount just like the quantity of words during a awfully document, or the number of favors your succor owes you. To tally is to feature up, like keeping the score of a game. The word tally must do with counting

Security

Data security is that the practice of protecting digital information from unauthorized access, corruption, or theft throughout its entire lifecycle.

AWS Cloud Computing

Here, we use AWS cloud in our project . we use cloud for data backup in our android application (Business Analyzer) . Cloud computing means storing and accessing the data and programs on remote servers that are hosted on internet instead of computer's hard drive or local server.

Data backup

It is the practice of copying data from a primary to a secondary location, to shield it just in case of a disaster, accident or malicious action. Data is that the lifeblood of latest organizations, and losing data can cause massive damage and disrupt business operations. This is often why backing up your data is critical for all businesses, large and tiny.

B. PROBLEM

Nowadays most of the products of tally apps in the market are. There are many complains of data synchrozing regarding those app. Also Ledger never matches the tally. Also the services are very slow. They don't take actions sooner. The main point is that this app don't have backup storage. As we now that having backup of something is very necessary factor. All of those are paid apps which every person cannot afford. Second thing and main thing is that those apps don't have an enough security, which is very necessary for such apps because we have many private things in it. Many of them complained but no one takes action. It's difficult to keep the records manually.

Another issue that has been noticed is that most customers who make purchases at the store do not obtain a suitable receipt as a reference, which makes it difficult for customers to swap their existing goods if there are any problems. Demand is frequently unpredictable in inventory systems, and lead times can often vary. Managers frequently keep a safety supply to minimize shortages. In such cases, it's difficult to say what order amounts and reorder points will result in the lowest total inventory cost. The inventory issue refers to the general issue of deciding how much inventory to keep on hand in expectation of possible demand. Loss occurs when a business is unable to meet demand (for example, when a store loses sales or when soldiers in a war run out of ammunition) or when commodities are stocked for which there is no demand.

C. SOLUTION

The Business Analyzer (Inventory management system) major goal is to make ordering, stocking, storing, and using inventory as simple and efficient as possible for firms. you may always know what things are available, what number

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there are, and where they're if you manage your inventory properly. An Business Analyzer main function is to remain track of your products and supplies. once you purchase inventory, you want to remain track of after you purchased it, after you sold it, and how much you've got available. It also tells you where your inventory is. Therefore, to beat all this issues we made a spanking new app called Business Analyzer. Also in our app we are providing how better security with all the modifications in it.

II. OBJECTIVES

An Business Analyzer is an android application for android users. Business Analyzer also known as a Inventory management system.
The following are the Business Analyzer goals:

- To find out the optimum level of inventory to be ordered at a point of time.
- To study the inventory management system in construction industries based on size of the project, type of the structure, existing management principles.
- Provides backup service to restore data in some case.
- To keep a standardized inventory record.
- The inventory management system was developed to keep the number of idle, waste, surplus, scrap, and obsolete things to a bare minimum.
- To generate a monthly report on sales and inventory activity automatically.
- To save money on inventory storage, replacement, and shortages while improving production and distribution efficiency.

III.REASEARCH METHODOLGY

Research strategy are characterized as efficient and purpose I've examination of actualities with a goal deciding the powerful relationship among such certainties and research between a minimum of two wonders from the broad writing study it is much clearer to contribute specifically for the effective consummation of the venture, are impacted by stock administration framework. Specifically, looks into were directed to little degree to research about stock administration in development ventures. This cause affect on execution of the stock administration. To yield a coveted execution, it is important to confirm the task work successfully. Poll study was directed among development experts to inform apart their feeling towards stock administration framework in their association. The got information is dissected to seek out the recurrence of reaction for various elements.

IV.SCOPE OF THE PROJECT

The scope of this project is to provide support for ios and desktop system. we are going to create simpler and straight forward user interface. we should provide update in our application per future scenario. Evaluate the mechanism behind the 'app' bi (business intelligence) operation and its functionality. An Business Analyzer (inventory system's) scope can include valuing inventory, measuring inventory change, and forecasting future inventory levels, among other things. At the end of each period, the price of the corporate inventory is utilized to figure out what quantity money the corporate makes and loses.

V.BENEFITS

1) Increased Sales
Businesses who actively manage their inventory report a 2-10% increase in sales.
2) Increased Information Transparency
Know when items are received, picked, packed, shipped, kitted, manufactured, etc. Also, know when you need to order more, when you're over-stocked, or under-stocked.
3) Shorter Lead Times
Businesses who actively manage their inventory report a 50% reduction in lead times.
4) Lower Costs
Effective inventory management practices help result in decreased inventory write-offs, plus lower inventory holding costs. Carrying extra inventory can be very costly for your firm.
5) Improved Delivery Performance
Real-time inventory updates improve the flow of goods to customers.

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VI. CONCLUSION

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Fabcco Engineer

Web development | AI Development | Android application

Date : 21st October 2021

To,
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Mr.Omkar Waghmare (omkarwaghmare7075@gmail.com)
Miss.Shruti Patil (shrutipatilnilay@gmail.com)

Subject: Letter of offer for sponsorship

We are pleased to offer you a sponsorship from our company. You are required to start work on 21st October 2021.

Your tenure with us will be governed by the Terms and Conditions discussed. Your offer has been made based on information furnished by you.

We congratulate and wish you a successful Sponsorship with us. We are confident that your contribution will be beneficial to our company. We assure you our support for growth. Wishing you the best.

Yours truly,
Tushar Sandbhor
Fabcco Engineers-

Email: fabccoengineers@gmail.com
Mobile number:

Address: Flat no.305,Ramnagar Housing Society, Gavhane

Vasti,Bhosri,Pune,Maharashtra-411039