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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.
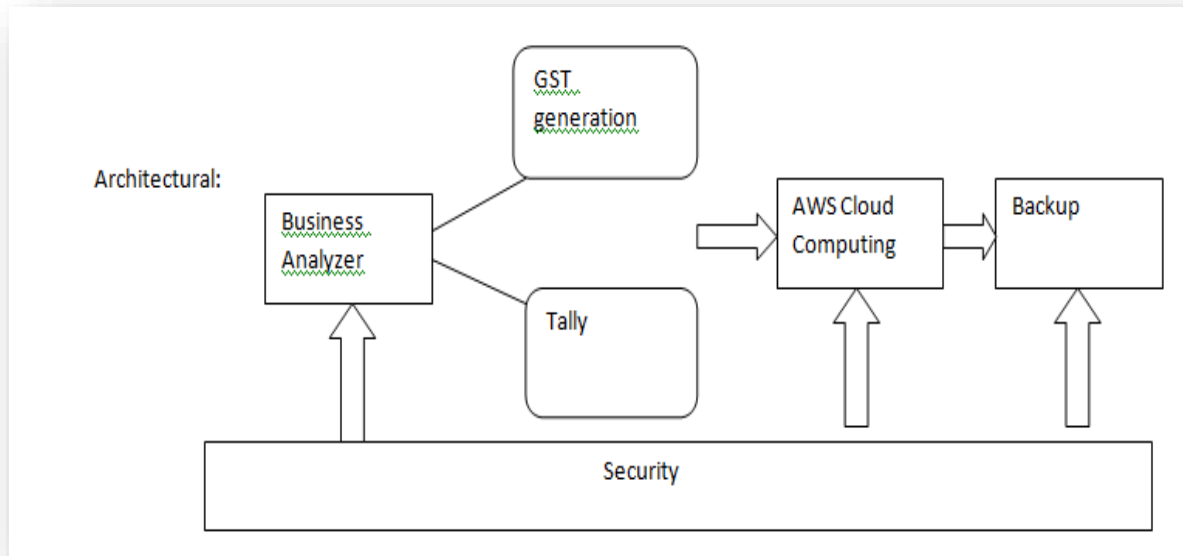
Figure.1.0 Architecture of Business Analyzer

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

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.

VI. CONCLUSION

This paper describes an 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.

VII.REFERENCES

[1]   Athyanath Lappas   Ramamoorthy .Faculty of Technology, Telecommunication and Networks Birmingham City University, UK.

[2]   Jagdev Bhogal. Faculty o f Technology, Telecommunication and Networks Birmingham City University, UK,

[3]   "Inventory Management Software". EGA Futura. Retrieved 23 November2012.

[4]   https://bizanalyst.in

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