User Requirement Specification

LPG ERP

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Introduction

"Amar Bebsha Limited" is a startup organization actively operating on software, ERP solutions, and web designs per user obligations. We endeavor to develop an LPG ERP that stimulates the LGP business-related people to get the overall business record, pursue their money and interchangeable objects. This user requirements specification (URS) documents the user requirements for the development of the web app.

Objective

The principal purpose of our organization behind this development is to make the LPG business sector more straightforward. Our system should have multi-level users with classified access, inventory, sales, and account-related operations. There should also be a contour menu to make the system customizable according to the user's demands. The system should also enhance the glassiness of every transaction by making a report and graph where necessary.

Design Skeleton:
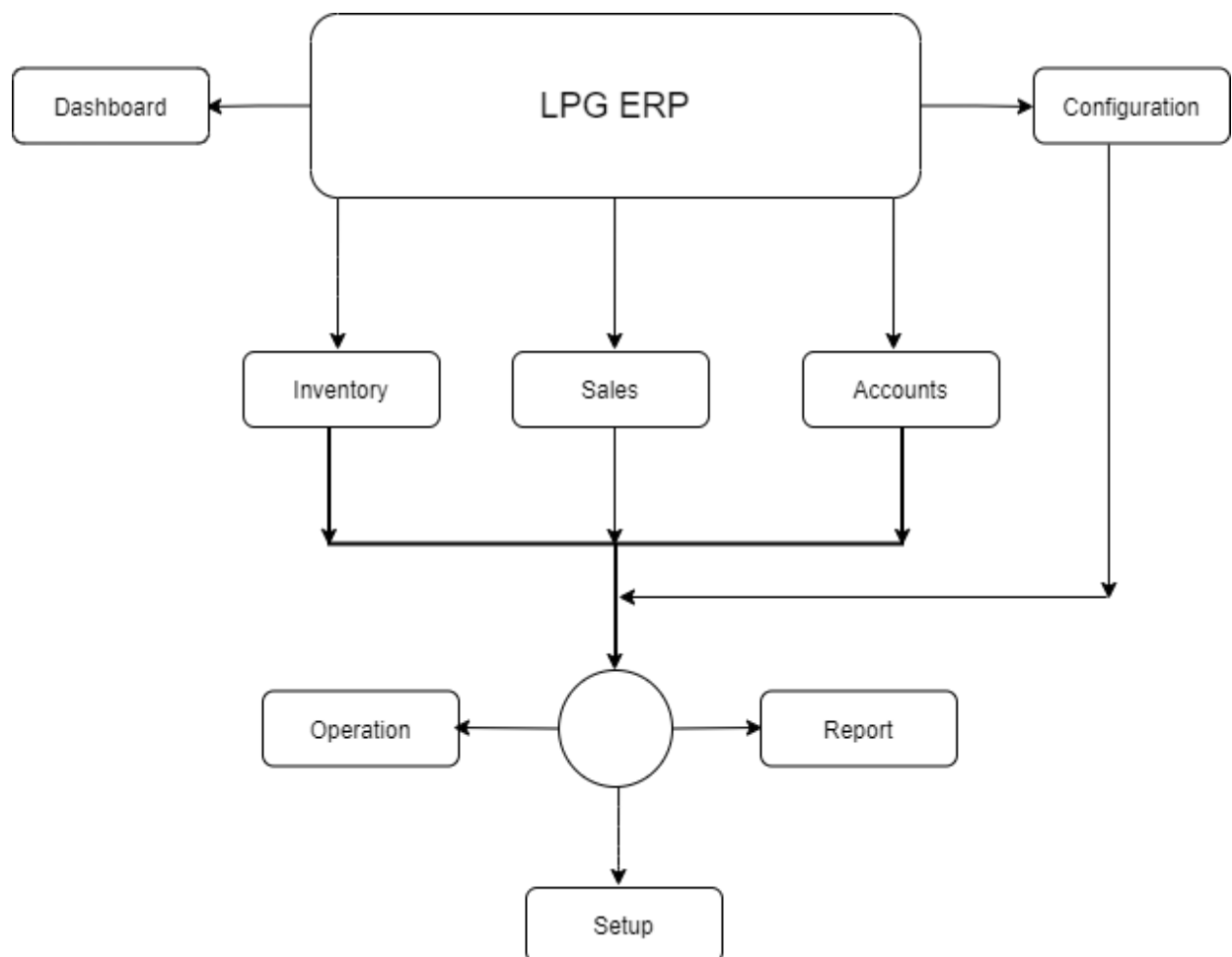
Requirements

1. Dashboard: A single page at the startup should brief the designated LPG institute branches and compile the sales within a graph throughout the month.

2. Inventory: There should be an inventory page that will barter with the purchase, supplier and reports. So, three subsections under inventory will make it easier to administer.

    a. Operation: Inventory operation should have a purchase order function and an epistle showing that the desired material was received. It should also have a voucher generating option for every procurement. Inventory transfer and its reports should also be implemented here. If a cylinder needs to be transferred from one branch to another, the system should also have the advantage to keep the record here.

    b. Setup: There should be a subsection for configuration of the products, unit, brand, package etc. Since a business can add a new product, categorise them, make a unique package, change the measuring unit or add a new supplier. The system should have all the facilities enlisted here.

    c. Inventory Report: There should be a subsection which will explicate all the reports of purchases-supplier, product, purchase and date wise. There should also be a ledger report of all the products. We aim to enlist all these traits in this "Inventory Report".

3. Sales: The consumer needs a page to manage sales orders, invoices, new customer additions and reports related to these operations. So we thought of prefacing this section.

    a. Operation: The customer wants various processes under sales criteria. These include: Making an invoice or challan and generating a sales order. So, the generation of Operation subsection is intended in the software under the sales segment.

    b. Setup: There should be a subsection named "Setup" to unite new customers and references since customer entries are related to sales; as per the customer requirement.

    c. Sales Report: The customer base wants to know how the sales are going and the improvement/decrease of the sale. So, we are targeting to make a separate subsection that will only possess the sales report. We will also keep the complaisance to search the sales report according to customer, product and date wise so that everything is smooth to access.

4. Accounts: Every business ERP must have an account module to conserve the balance added, removed, voucher, account ledger etc. We will have a sanctified account section apportioned into three subsections for our LPG system and within the customer specifications.

    a. Operations: This subsection will deal with the voucher issues. We expect to keep the feature of voucher adding, editing, and listing. We will also keep the versatility to generate numerous vouchers, including payment, receive, journal, and expense vouchers. In this way, the users will have more edibility to sculpture.

b. Setup: Account cognitive configurations can be done from here. One of the most crucial things about an account is its "Chart of Account". To create the hierarchy of COA, we will keep a ledger add option to add account head, root account or parent account. And from the COA menu, the users will be able to see all the accounts assigned with an auto-generated account code.

c. Accounts Report: The report section for account-related transactions and culmination will be saved in this sub-section. For the easy administration of our customers, we strive to render a general ledger, customer ledger and trial balance report. We also intend to incorporate a balance sheet and income statement report, which will make this LPG ERP dissimilar from the others. There will also be a cash book and bank book report system. The whole module can be customized further according to the account skeleton.

5. Configuration: As a development plan and customer specification, we aim to keep a configuration division with three subsections for regulating opening balance, managing different roles, or importing data.

a. Opening Balance: This subsection will allot with all the opening balance-related adjustments. The module will incorporate customer, supplier, inventory and balance sheet opening. Customers will be able to add balance or upload files or mitigate them as per their necessities.

b. Setup: Customers want to make things variable according to their preferences. So, we plan to implement a setup menu where the customers can configure the system, change user roles, add a new user or vehicle, and nurture their employees and branch listings.

c. Import: Our customer base wants full adaptability and easy administration of the conformity. So conceiving of their ease of access, we will keep a separate menu where the customers can upload excel/CSV files to import data directly from the sheet instead of manual input, as they asked.