

# Reliable Bio Technology using ERP System

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**Abstract:** *RELIABLE BIO TECHNOLOGIES COMPANY is an ISO 9001 : 2015 certified agriculture based company. The company was founded in 2015. Over these years, the company has earned a reputation that has a unique combination of quality, value, trust and reliability. It has three divisions of Hybrid plantation, Bio Organic Manure and Transport. In last four years it has spread all over Madhya Pradesh, Chhatisgarh and Rajasthan at a very rapid pace. The company has pioneered the concept of direct marketing in agricultural sector talking the product to farmers directly by field staff of the company.*

**Keywords:** Online Stock, Online Warehouse, Order Control, Internet Warehouse, Store Management, Retail Inventory Management System, Sales Management.

## I. INTRODUCTION

On-line agro web application to be a model of excellence at intervals the inexperienced trade with of us in operation on committed to provide the easiest quality product and repair that add value to our customers, our community and atmosphere, and convey reward to ourselves and company” many product are gift at intervals the stock and additionally offers the little print of these product. This package additionally offers or stores every and each data concerning orders. This code in addition offers or stores each and every data regarding orders.

## II. LITERATURE SURVEY

[1] Ozturkoglu and Esendmir (2014)

ERP selection process proposed: Combined grey relational analysis (GRA) with an intuitionistic fuzzy set multi-criteria method (IFS). More scope for research in application of computational intelligence techniques.

[2] Asl et al. (2012)

ERP selection process proposed: Combined approach in identifying and ranking the effective factors using Delphi method and Shannon Entropy technique. Generalisation of selection process needs to be done considering different type and size of organisation.

[3] Pacheco-Comer and Gonzalez-Castolo (2012)

Empirical study showed relation between size of the company and investment ERP project. A multi agent system architecture was modelled for evaluation. More scope for research in application of computational intelligence techniques.

### 2.1 Problem Statement

- The main aim of adopting ERP System in his project is to solve the problem disintegration of information, where different sets of information reside in different locations within an organisation
- These systems provide an organisation with different softwares that covers activities in all departments within an organisation.
- On this we are providing the whole process internet based only i.e. complete manual based work is online only.

Analysis of ERP Systems Implementation in the Construction Enterprises Effective work requires integrated systems that can share access to a common data set. Integrated workplace organizations in the construction company are requiring enterprise resource planning (ERP)-type systems that, in turn, tie together all relevant logistic, facilities, human resource, financial, and project data into a single, shared database. Unfortunately, many ERP systems make things more complex for construction business. The reality is that few ERP systems are vertically integrated for use in construction, and most of them are very complicate and ultimately difficult to implement.

Enterprise Resource Planning (ERP) is a software solution that integrates business functions and data into a single system to be shared within a company.

## 2.2 Objectives

The objective of the ERP Business Transformation Strategy is to modernize and integrate business processes and systems. This “leapfrog” into the future will empower staff and students to access information and provide services through an intuitive and integrated interface, and ultimately aims to:

1. Improve Service Experience
2. Enhance Competitiveness
3. Modernize Business Processes and Systems
4. Automate Business Solutions
5. Increase Operating Efficiency
6. Provide Access to Standardized College Data

If your company is using an Enterprise Resource Planning (ERP) system, then adequate ERP training is a must. ERP's are a significant investment, so you need to make sure that your employees fully understand how to use this valuable resource. When it's integrated correctly, an ERP can make a significant impact on your company's success. Properly training your employees in the use of the ERP will help assure that all of its benefits are fully realized for your company. Let's examine three of the major benefits of ERP training.

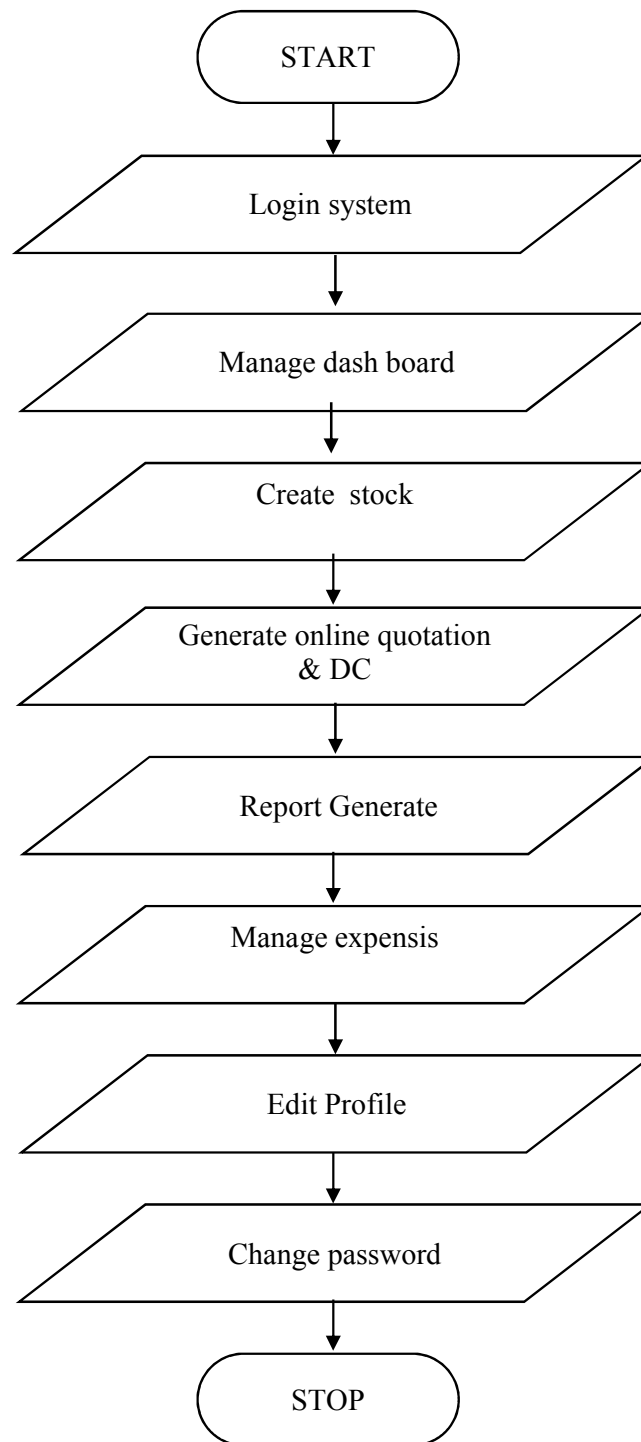
ERP Training Benefits:

1. Employee productivity – When employees understand how to properly use the system, it will empower them to become more efficient at their work. ERP training enables staff to complete tasks more quickly, resulting in an overall increase in productivity.
2. Time savings – Employees who have received online or classroom-based QAD ERP training will better understand how to interact with the system to accomplish their tasks. This efficiency gain greatly reduces the amount of time it takes to accomplish any given task, while simultaneously reducing time wasted trying to figure out the ERP system works. A win-win for you.
3. Risk management – When everyone in your organization is trained, it provides consistency within the company in terms of how any given task is completed. This consistency means that everyone is on the same page, reducing the chance of human error. Fully understanding the system also enables your employees to use it and input data much more accurately. The end result is that you receive better data through the system that you've established.

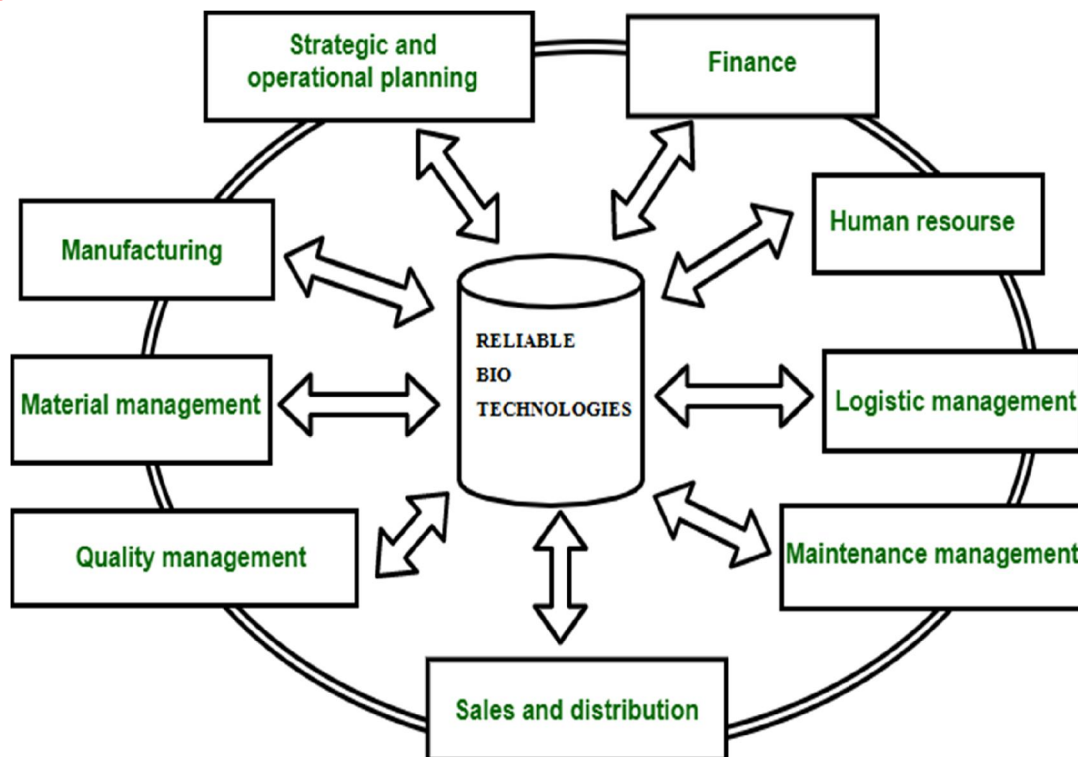
ERP or enterprise resource planning is a commonly used software package for enhancing the operational efficiency of business resources. It is a composition of software modules assisting company owners to achieve their goals at a faster rate. Implementation of ERP for an organization is done on the basis of company requirements. Today, ERP is a widely applied software system in all types of industrial fields including small and medium sized companies. Inventory control, better human capital management, customer relationship management and order tracking are some among the key benefits of implementing enterprise resource planning. Proper implementation of ERP package according to business needs is benefited with lots of advantages. Before implementing ERP software, it is advised to do well research on specific field. Choosing the right ERP software package from a well reputed vendor ensure safety.

Knowing real time information about business field strategies is one of the core objectives of ERP. ERP software package, which is a blend of software modules helps in integrating data and real time information. It helps in better planning and management of resources as per the requirements of company. Upgrading the needed software modules, better work flow and improved efficiency are some of the important benefits of using ERP system. It is found to be very efficient in controlling and managing organizations at different locations. At present ERP is an essential tool package used by many of the multinational companies for achieving their long term goals. Return on investment, best known as ROI is another core objective of ERP. Proper implementation of ERP package assists professionals to gain more profit by utilizing available resources. It is a perfect tool adopted by company owners for delivering desired output at affordable cost.

**III. PURPOSED SYSTEM**



**Figure:** Admin module work flow



**Figure:** Architecture of Reliable Bio Technology using ERP System

### 3.1 Methodology

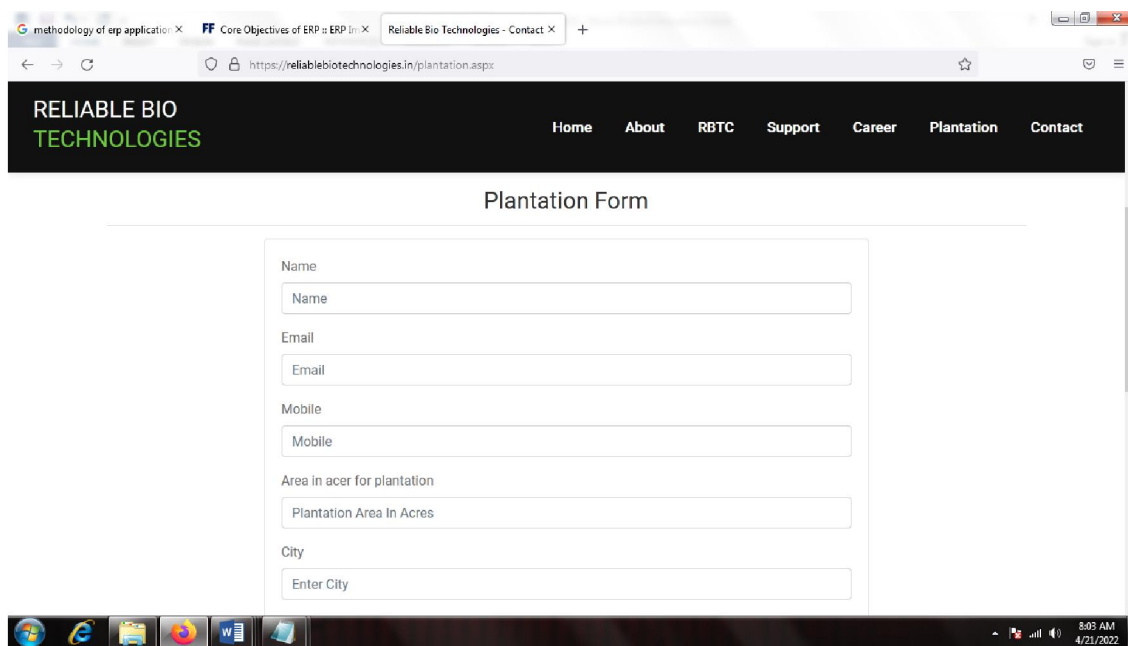
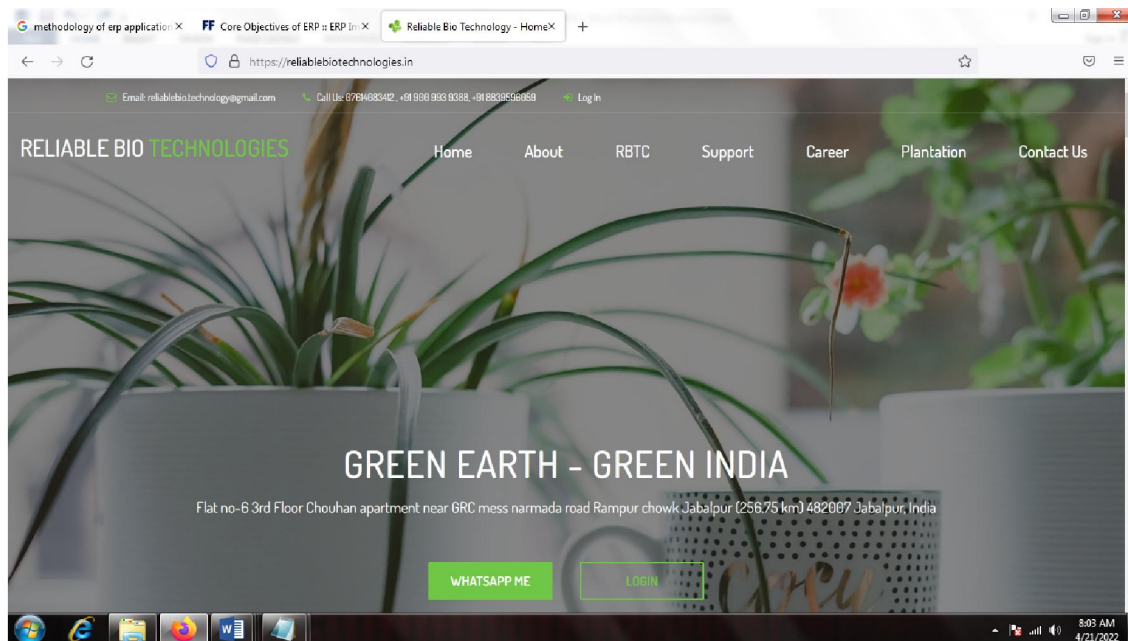
The ERP implementation process includes installing your software, transferring all your data, both financial and transactional data, mapping your processes, and training your users to actually use the software. This process will determine whether your ERP implementation is a success or a failure.

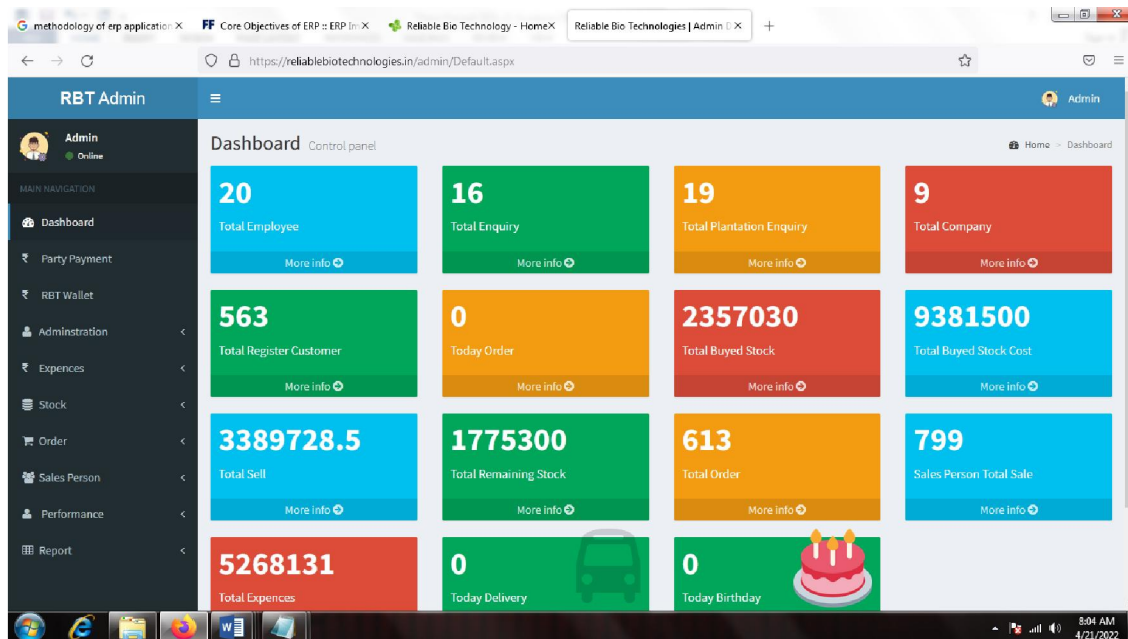
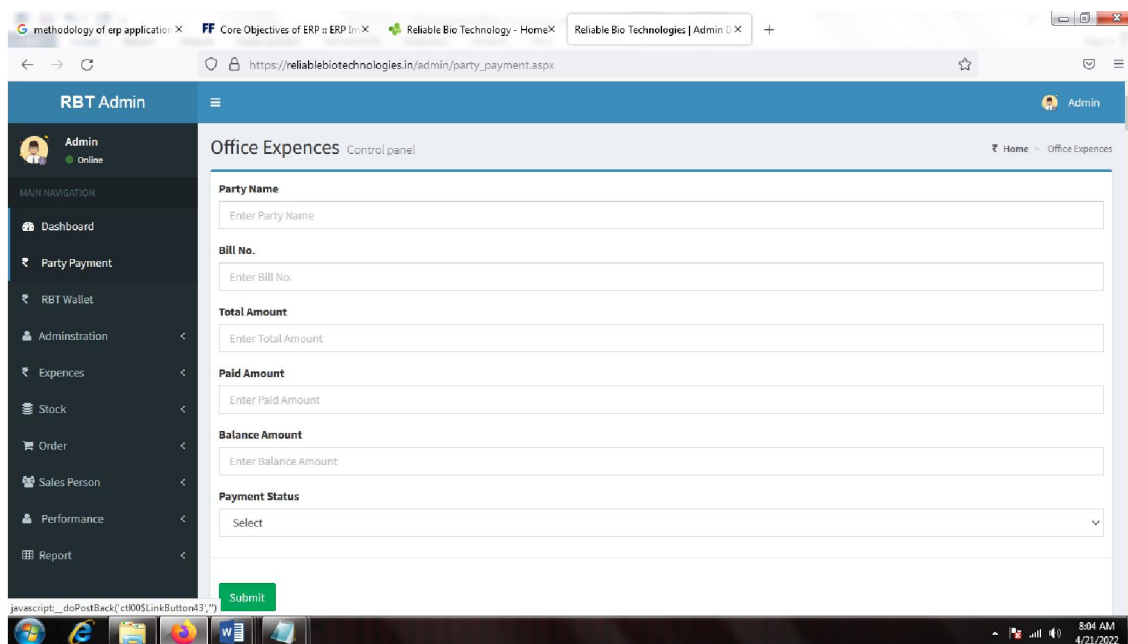
There are three key approaches that you can use to implement an ERP system: big bang, phased, and parallel. Each approach has its inherent advantages and disadvantages.

The implementation methodology is the method by which the projects are technically and operationally implemented in the field, most often by using contractors or subcontractors. Typical implementation models are Energy Performance Contracting, Energy Supply Contracting and Separate Contractor Based.

The implementation is the process of moving an idea from concept to reality in business, engineering and other fields, implementation refers to the building process rather than the design process while methodology is the study of methods used in a field. Project management methodologies are a set of guiding principles and processes used plan, manage, and execute projects. The project management methodology you choose determines how work is prioritized and completed.

#### IV. RESULT

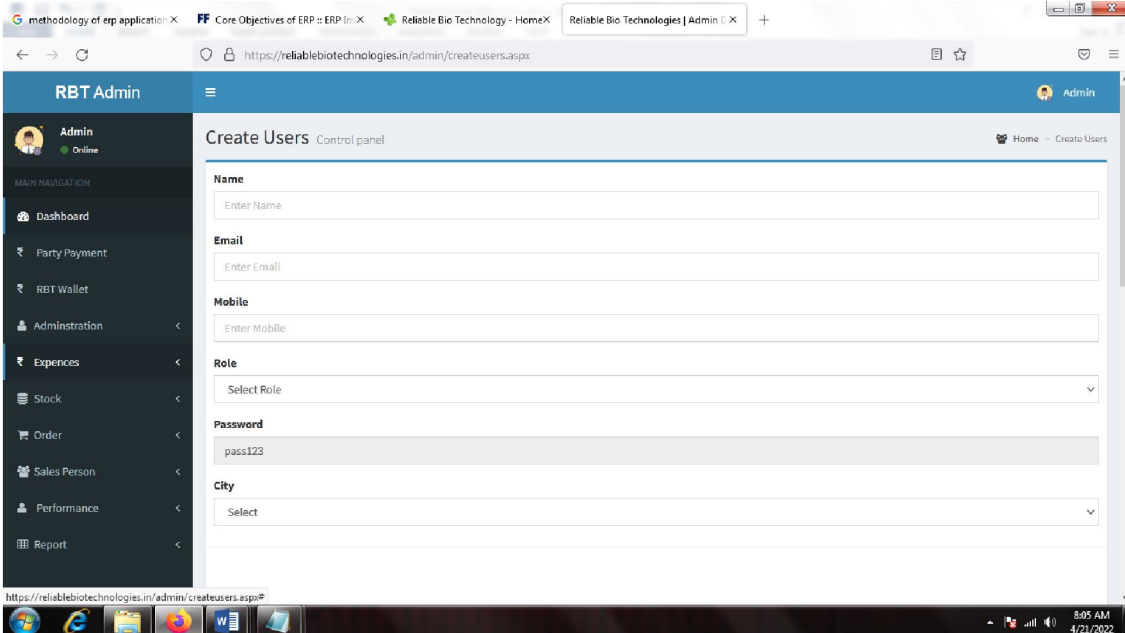


The screenshot shows the 'RBT Admin' 'Office Expenses' form. The left sidebar is the same as the dashboard. The main content area is titled 'Office Expenses' and contains a form with the following fields:

- Party Name:** Enter Party Name
- Bill No.:** Enter Bill No.
- Total Amount:** Enter Total Amount
- Paid Amount:** Enter Paid Amount
- Balance Amount:** Enter Balance Amount
- Payment Status:** Select (dropdown menu)

A green 'Submit' button is located at the bottom of the form.



**RBT Admin**

**Create Users** Control panel

Name:

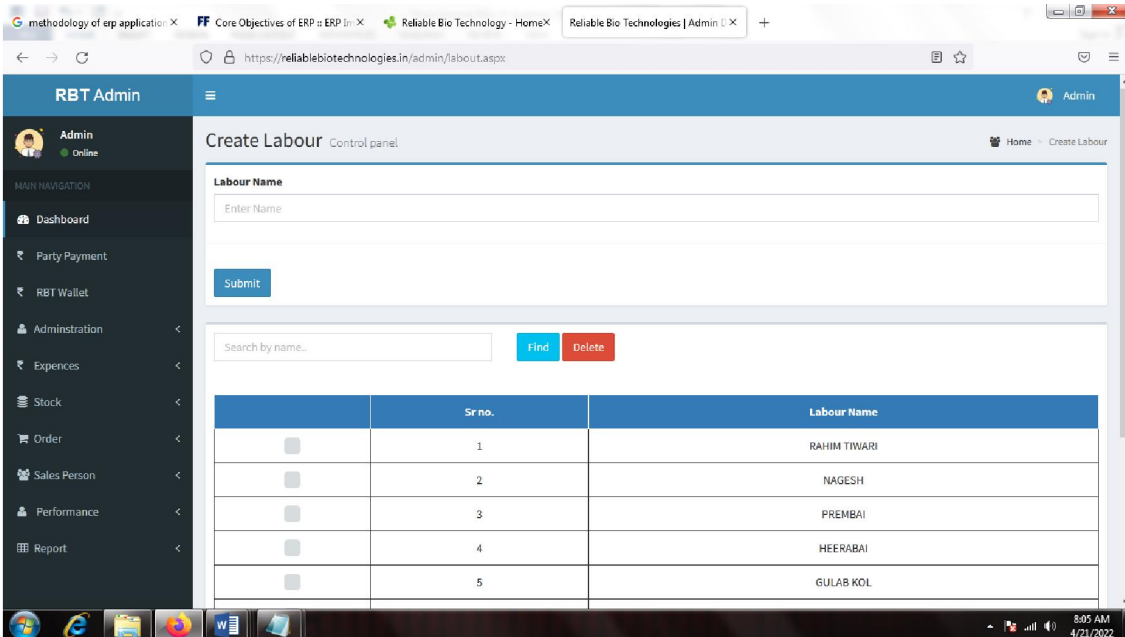
Email:

Mobile:

Role:

Password:

City:



**RBT Admin**

**Create Labour** Control panel

Labour Name:

Search by name:

	Sr no.	Labour Name
<input type="checkbox"/>	1	RAHIM TIWARI
<input type="checkbox"/>	2	NADESH
<input type="checkbox"/>	3	PREMBAI
<input type="checkbox"/>	4	HEERABAI
<input type="checkbox"/>	5	GULAB KOL



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https://reliablebiotechnologies.in/admin/addvehicle.aspx

**Vehicle No.**  
Enter Vehicle No.

**Date Of Purchase**  
mm / dd / yyyy

**Cost**  
Enter Cost

**Chassis No.**  
Enter Chassis No.

Submit Delete

	Sr no.	Vehicle No.	Date of purchase	Cost	Chassis No.
	1	MH31DJ1275	2020-11-21	200	adsfadsf
	2	MP20GB2242	2020-11-06	1250000	NA
	3	MP20CJ4363	2018-07-15	875000	NA
	4	MP20LA9291	2017-02-28	600000	NA

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https://reliablebiotechnologies.in/admin/adddriver.aspx

**Add Driver** Control panel

**Driver Name**  
Enter Name

**Driver Mobile No.**  
Enter Mobile No.

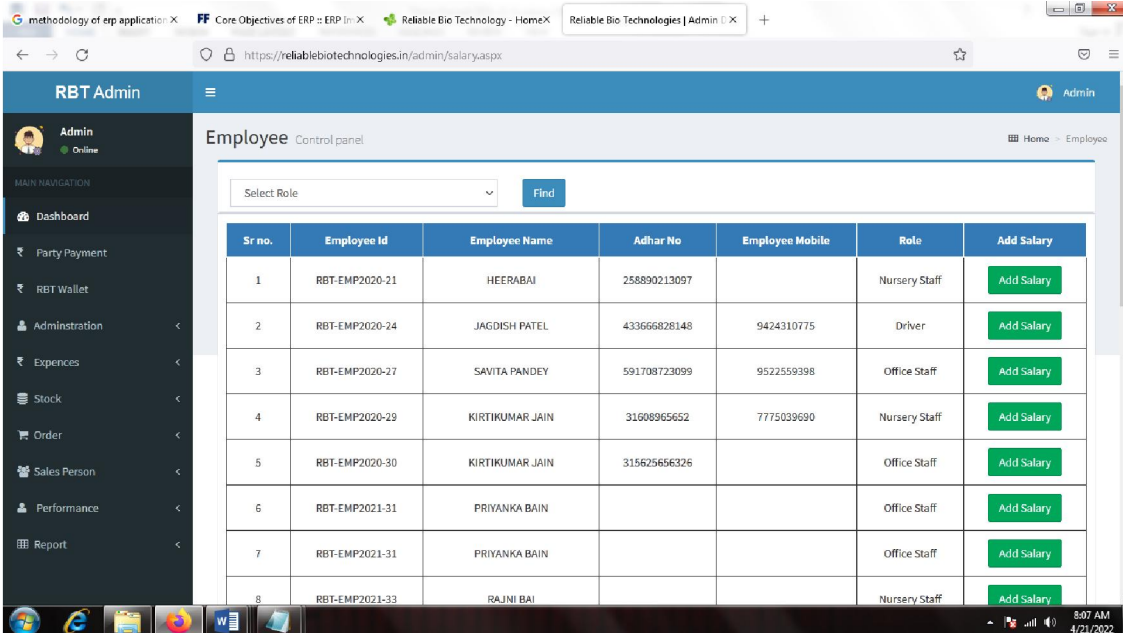
**Driver Adhar No.**  
Enter Adhar No.

**Driver Home Address**  
Enter Address

Submit Delete

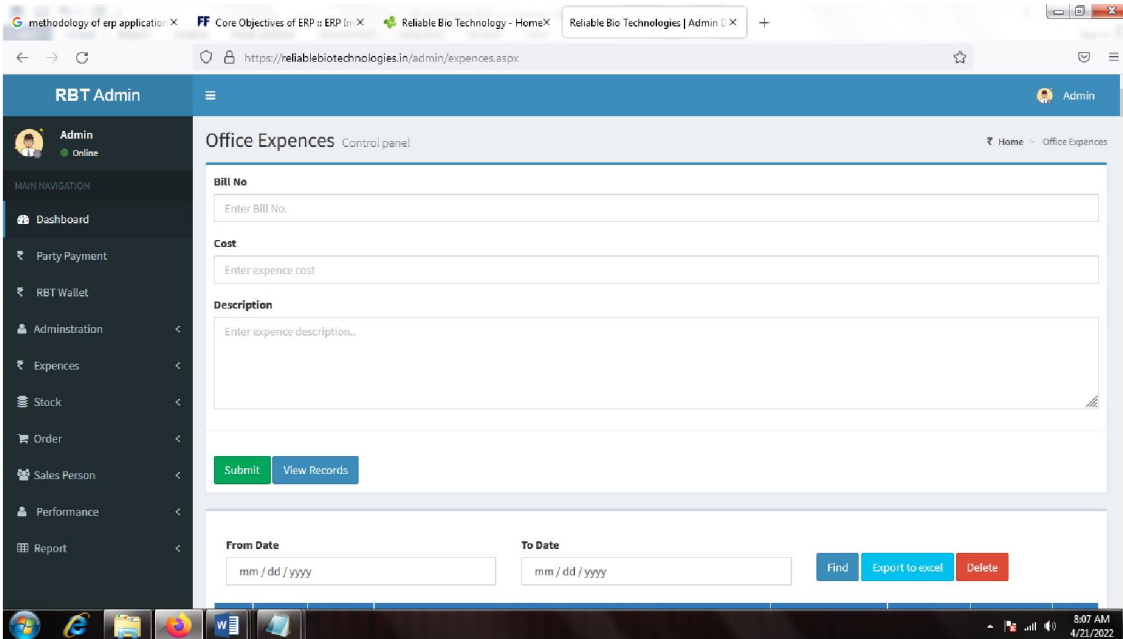
	Sr no.	Driver Name	Driver Mobile	Driver Adhar No.	Driver Home Address
	1	JAGDISH PATEL	9424310775	433666826148	matri nagar maharajpur jabalpur



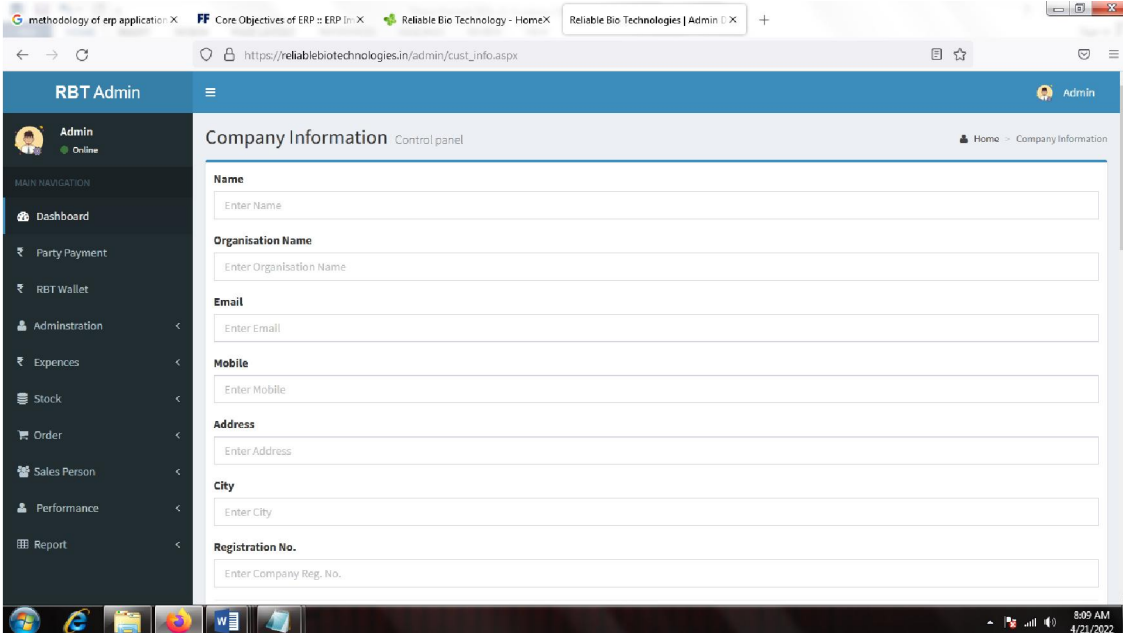


The screenshot shows the 'Employee Control panel' in the RBT Admin system. It features a table with employee details and an 'Add Salary' button for each row.

Sr no.	Employee Id	Employee Name	Adhar No	Employee Mobile	Role	Add Salary
1	RBT-EMP2020-21	HEERABAI	258890213097		Nursery Staff	<a href="#">Add Salary</a>
2	RBT-EMP2020-24	JAGDISH PATEL	433666828148	9424310775	Driver	<a href="#">Add Salary</a>
3	RBT-EMP2020-27	SAVITA PANDEY	591708723099	9522559398	Office Staff	<a href="#">Add Salary</a>
4	RBT-EMP2020-29	KIRTIKUMAR JAIN	31608965652	7775039690	Nursery Staff	<a href="#">Add Salary</a>
5	RBT-EMP2020-30	KIRTIKUMAR JAIN	315625656326		Office Staff	<a href="#">Add Salary</a>
6	RBT-EMP2021-31	PRIYANKA BAIN			Office Staff	<a href="#">Add Salary</a>
7	RBT-EMP2021-31	PRIYANKA BAIN			Office Staff	<a href="#">Add Salary</a>
8	RBT-EMP2021-33	RAJINI BAI			Nursery Staff	<a href="#">Add Salary</a>



The screenshot shows the 'Office Expenses Control panel' in the RBT Admin system. It includes input fields for Bill No, Cost, and Description, along with a Submit button and a View Records button. At the bottom, there are date pickers for From Date and To Date, and buttons for Find, Export to excel, and Delete.



**RBT Admin** | Admin | Online

**Company Information** Control panel

Home > Company Information

**Name**  
Enter Name

**Organisation Name**  
Enter Organisation Name

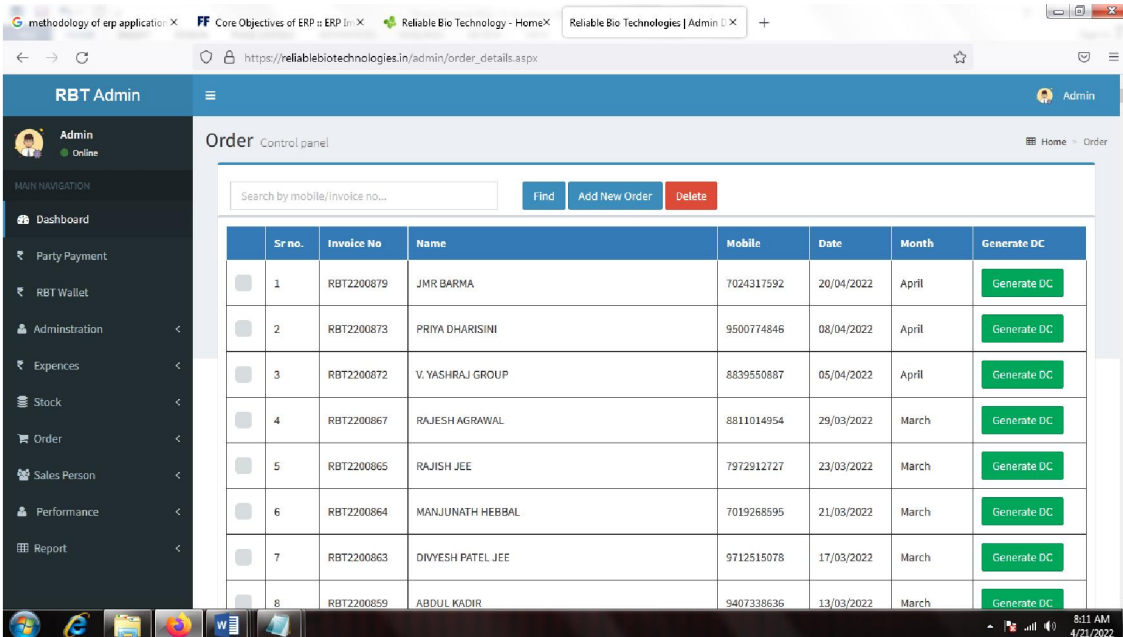
**Email**  
Enter Email

**Mobile**  
Enter Mobile

**Address**  
Enter Address

**City**  
Enter City

**Registration No.**  
Enter Company Reg. No.



**RBT Admin** | Admin | Online

**Order** Control panel

Home > Order

Search by mobile/invoice no... Find Add New Order Delete

	Sr no.	Invoice No	Name	Mobile	Date	Month	Generate DC
<input type="checkbox"/>	1	RBT2200879	JMR BARM	7024317592	20/04/2022	April	<span>Generate DC</span>
<input type="checkbox"/>	2	RBT2200873	PRIYA DHARISINI	9500774846	08/04/2022	April	<span>Generate DC</span>
<input type="checkbox"/>	3	RBT2200872	V. YASHRAJ GROUP	8839550887	05/04/2022	April	<span>Generate DC</span>
<input type="checkbox"/>	4	RBT2200867	RAJESH AGRAWAL	8811014954	29/03/2022	March	<span>Generate DC</span>
<input type="checkbox"/>	5	RBT2200865	RAJISH JEE	7972912727	23/03/2022	March	<span>Generate DC</span>
<input type="checkbox"/>	6	RBT2200864	MANJUNATH HEBBAL	7019268595	21/03/2022	March	<span>Generate DC</span>
<input type="checkbox"/>	7	RBT2200863	DIVYESH PATEL JEE	9712515078	17/03/2022	March	<span>Generate DC</span>
<input type="checkbox"/>	8	RBT2200859	ABDUL KADIR	9407338636	13/03/2022	March	<span>Generate DC</span>

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https://reliablebiotechnologies.in/admin/dc\_report.aspx

**RBT Admin**

Admin Online

MAIN NAVIGATION

- Dashboard
- Party Payment
- RBT Wallet
- Administration
- Expenses
- Stock
- Order
- Sales Person
- Performance
- Report

**Delivery Challan Report** Control panel

Find DC no. or Invoice No. Find All Open Close Today Delivery

From Date To Date Find

mm / dd / yyyy mm / dd / yyyy

Sr no.	DC No	Invoice No	Customer Name	Customer Mobile	Deposit	Balance	Remaining Amount	Total Amount	Delivery Date	Status	Add By
1	RBT-DC-2022-00-264	RBT2200876	D K JAISWAL	7987406005	4000	10000	Enter n	14000	2022-04-15	Open	Admin
2	RBT-DC-2022-00-263	RBT2200854	MAVUR RAI	9300388999	12700	16075	Enter n	28775	2022-04-09	Open	Admin
3	RBT-DC-2022-00-262	RBT2200875	SMRITY SATHE	9907859502	5000	5000	Enter n	10000	2022-04-08	Open	Admin
4	RBT-DC-2022-00-261	RBT2200874	NEERAJ SONWANI	9131234013	0	0	Enter n	17500	2022-04-08	Close	Admin
5	RBT-DC-2022-00-260	RBT2200860	RANJEET SHARMA	7000977002	0	0	Enter n	7050	2022-03-30	Close	Admin

8:11 AM 4/21/2022

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https://reliablebiotechnologies.in/admin/rate\_list.aspx

**RBT Admin**

Admin Online

MAIN NAVIGATION

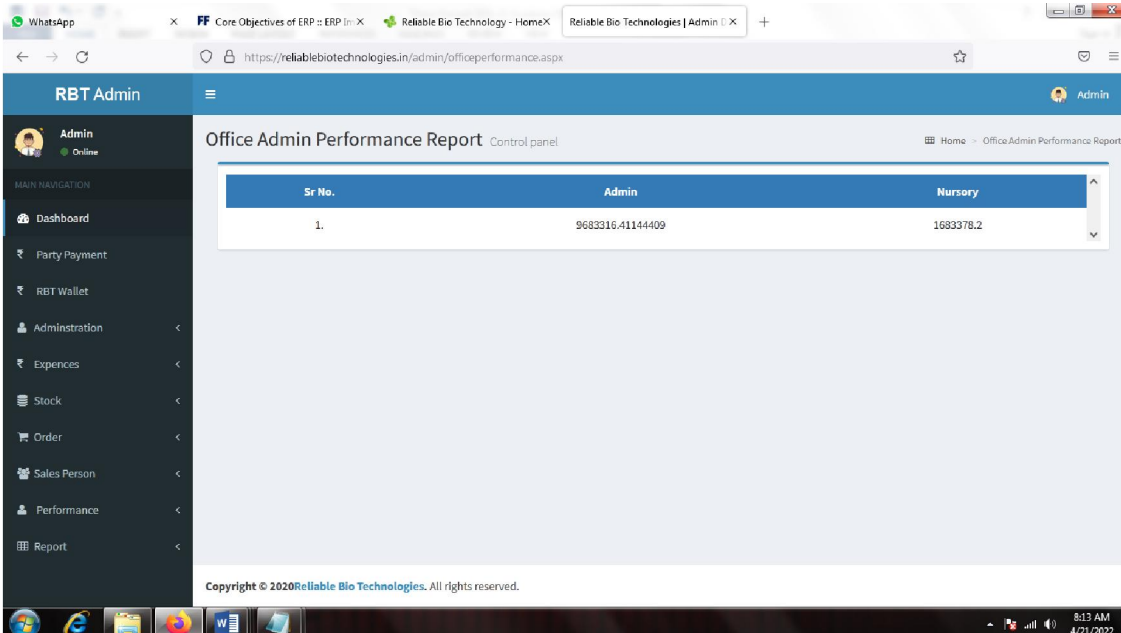
- Dashboard
- Party Payment
- RBT Wallet
- Administration
- Expenses
- Stock
- Order
- Sales Person
- Performance
- Report

**Rate List** Control panel

Export To Excel

Sr no.	Product Name	Quantity	Cost
1	DALCHINI	2	150
2	COCONUT	203	150
3	JAVA PALM	1485	30
4	JAVA PALM(HBD)	100	85
5	MUNGA	0	20
6	VIDYA	345	45
7	TEAK ROOT SHOOT	5700	25
8	ASHOK (DESI)	0	65
9	ASHOK (HBD)	925	45
10	TEAK BEEJU	105	20
11	SAMI	430	55

8:12 AM 4/21/2022



Sr No.	Admin	Nursery
1.	9683316.41144409	1683378.2

## V. CONCLUSION:

There are as many reasons for successful ERP implementations as there are for failed projects. However, success seems to often be measured by whether or not the project came in on time and under budget. Whereas, fully utilizing the system to achieve improved business practices appears to be ignored

Summary. Enterprise resource planning (ERP) is software designed to help companies store, manage, and use data regarding their daily and regular processes. ERP keeps track of a wealth of information, including payroll, raw materials, business commitments, purchase orders, and capacity for production

One of the biggest benefits of ERP is that it's a powerful data hub. An ERP system allows you to collect, store, and analyze data across your operations in one centralized location, providing a single source of truth and the visibility to act more strategically.

ERP applications can help a corporation become more self-aware by linking information about the production, finance, distribution, and human resources together. Because it connects different technologies used by each part of a business, an ERP application can eliminate costly duplicate and incompatible technology.

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