

Tailor Made ERP System

Scope

- ✓ Tailor Made ERP system is product-based sales and service reporting hierarchy system, which is an internet-based application.
- ✓ By using this system, Organization can improve product sales and service and more over it is also provide in detail analysis of the business financial health.
- ✓ The system is specially design for the electric or electronics manufacturing industries.

Existing system

- Manual Management of examination doing very good job but it is likely to suffer from many problems of management of sales and services. The Computerized has more edge over the manual system. As we are doing a project on "Tailor Made ERP System".so firstly we will introduce the existing system is based on manual system, which takes a lot of time to get performance of the test. So, at the opposite side ERP system is done these all things very beautifully and it became easy to managing product sales and services for the person.

Proposed system

- In our system, can add employees with their different roles, i.e. service technician, Chief technician and managers. And depending upon the role they will get the privileges to use the system functionality.
- With the using functionality of the system user can make the changes (CRUD) based on their privileges
- System provides the best user interface and It is trouble free to use (User Friendly UI).
- Based on the zones Admin can assign employees to perform their activities.
- Multinational organization can also use this because system will have included with multiple currency functionality based on their currency.
- It contains Location tracking system for employees
- Employee travel expense management
- SMS and email notification system
- Based on the order confirmation invoice will auto generate.

Feasibility

Technology feasibility

- While system is building/compiling and end user request to access and manipulate information then system get re-configured and user get configuration error.

Software feasibility

- System is depending on the database. There are other external libraries and tools like apache server, mysql server and client toll etc.
- Require regular maintenance so it won't get failure and we can prevent data loss.

Operation feasibility

- System is easy to use. hence our system is operationally feasible.

System Requirement Specification:

Functional Requirements:

- Organization can Add, view and update country, state, city, role, zone, pin code.
- Login is based on role, i.e., organization, service technician, Chief technician and managers, employee.
- Organization can create zones and based on zone, can Assign employee under that particular zone
- Employee can make and view quotation list.
- Administrator can manage all the data of employees.
- Administrator can be able to Update the employee Profile and details

Non-Functional Requirements:

Performance Requirements:

- Data in database should be updated as soon as user is registered.
- Load time of UI will not take more than 6 seconds
- Login process will be done within 3 seconds
- System shall handle expected and unexpected errors.
- Should be able to handle large amount of data

Security Requirements:

- User authentication and validation of members using their unique member-id
- Only HO can view and manage all the member's account.
- Member can use the systems functionality based on the role.
- Proper accountability which includes not allows a member to see the information of another member account