

# Implementation of an open source ERP (Enterprise resource planning) for an lubricant distributing industry

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**Abstract** – Lean is a reduction of wastes. It allows the business to move in an efficient manner. There are many lean tools and techniques were used under lean management philosophy for the reduction of wastes. In this paper a particular lubricant based distributing industry has been chosen for the implementation of (ERP) enterprise resource planning. It also deals with how an open source erp has been developed and installed in the lubricant distributing industry. This paper also specifies how an unique module has been developed and installed successfully. It also explains how a unique website has been developed for the lubricant distributing industry.

**Key Words:** Odoo, work manager module, Development of work manager module, Odoo installation and working, website development.

## 1. INTRODUCTION

This In this paper an open source ERP(odoo) has been installed and customized as per the requirement of the industry. Then a separate module (daily work manager module) has been created and installed in the open source erp software (Odoo).when coming to today's generation everyone is using smart phones and internet facilities are available in all location so, it has been planned to develop an unique website for the industry in order to make shopping at online[1].

### 1.1 Odoo

Odoo is an open source erp (enterprise resource planning) package. Which is used by many small scale, medium scale and large scale industries all over the world. In many of the companies they prefer odoo due to its working compaitability.The mobile compaitability.The is also available in odoo software. The one most important thing about odoo is it has been ranked at first position when it is compared to other erp packages. it has been selected according to the technical support, modules availability and user interface[2].

### 1.2 Daily work manager module

When coming to this lubricant distributing industry there is no proper scheduling in distribution of materials to the customers.So,an unique module has been developed for this industry(daily work manager module).In this module daily work will be scheduled. The details in the module which will

help the salesperson to deliver the products easily. By using this module the distributor can able to view the order easily through their separate company database[3]. The module which consists of details about product ordered,

1. Product quantity
2. Order date,
3. Delivery date
4. Salesperson
5. Customer details and
6. Total amount.

## 2. ODOO INSTALLATION AND WORKING

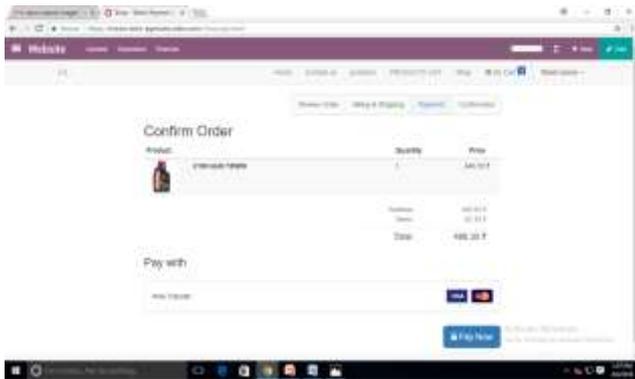
When installation of odoo to this industry we have to do the source data collections like customer details, invoice details, product details, warehouse details. After collection of these details we have to login into our separate database and then contact details of the customers should be uploaded into the contact module in the database. Then invoice creation should be done in sales management module [4].

### 2.1. Website development

When we are developing a separate website for the lubricant distributing industry a separate main menu should be developed and it should be consist of menu like products list, offers etc.It should also consists of separate menu for online shopping. It will separately displays the product details with its specifications. using this option online purchase can be done .So it will improve the sales efficiency [5].



FIG – 1: website development page



**Fig -2:** Online shopping page in website



**Fig -3:** Invoice creation page in separate database



**Fig -4:** Daily work scheduled page

**3. CONCLUSION**

In this paper an open source erp(enterprise resource planning) has been selected and customized as per the requirements of the industry. Then a daily work manage has been developed and installed. Then a separate website has been developed for the industry. So, a mobile office scenario has been achieved.

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