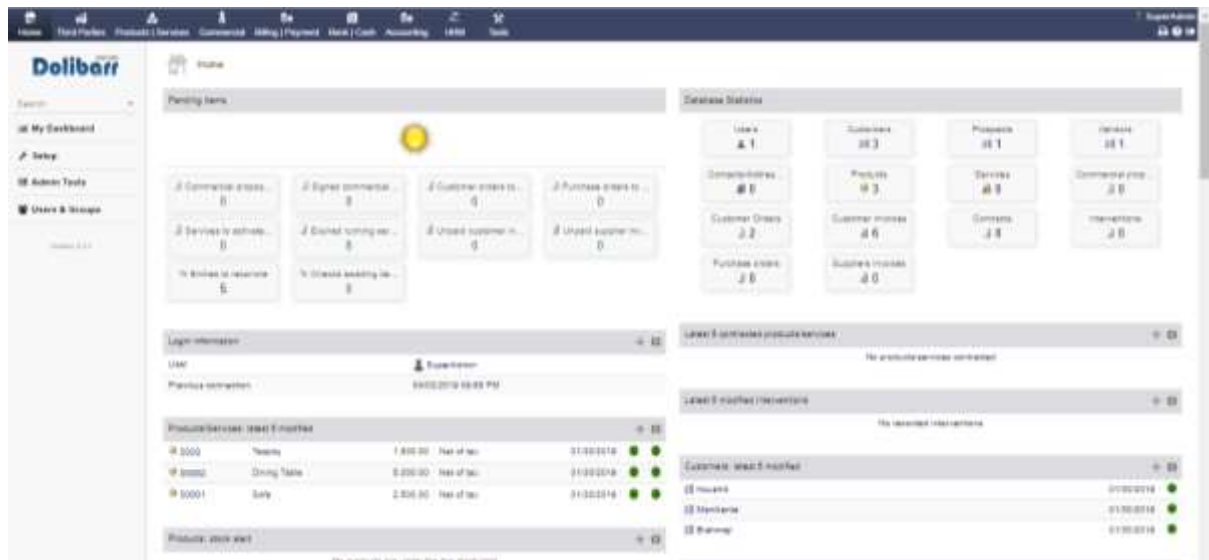


SWE 1014: Enterprise Resource Planning

Project Based Component

Project Title “Art Deco”- (Furniture Shop)



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SITE



SWE 1014: Enterprise Resource Planning

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1. ABSTRACT:

Art Deco is a complete home service-based startup. as we know that we rely on different vendors for our different daily needs to our home. This Art deco provides all the home furniture under one area.

Different home needs different furniture like chairs, sofas, tables, teapoys, glass chairs, glass tables can provide under one website. Users can just register and use the different services provided by our website.

1. Sales management
2. Financial
3. Inventory
4. Resource Management module

In this store all kinds of furniture deco items are available like Dining Table, Sofa, Teapoy, Glass chairs etc. Purchasing and selling happens in systematic manner.

KEYWORDS: Art Deco, Furniture, online, financial, management, Inventor.

OBJECTIVE OF THE PROJECT:

This project will help the store keeper in fast billing.

This project enables store keeper to maintain a great database of all customers visited and purchase product from store.

Project will enable to see report regarding product and category.

Easy to maintain in future.

Better transactions in a fast and flexible way promoting the means of all modes of payments.

LITERATURE REVIEW:

Paper: Knowledge Capitalism: Business, Work, and Learning in the New Economy

Author: Burton-Jones, Alan

(Consultant - heads an international IT and management consultancy practice in Australia)

Description: What will organizations and work be like in the future? Who will survive and prosper? Knowledge Capitalism reveals how the shift to a knowledge-based economy is redefining firms, empowering individuals and reshaping the links between learning and work. Burton-Jones argue that industrial-era models of firm-market boundaries, work arrangements, and ownership and control are inhibiting firms' and individuals' success in the emerging knowledge economy. New models are described to help management make better insourcing/outourcing decisions, align organizational structure and incentives with knowledge goals, and plan learning and knowledge growth strategies. The author charts the change in the business/knowledge landscape with arresting clarity and an impressive range of evidence, including illustrations from leading companies. Every page contains something that will make you think about how you and your organization will need to adapt. Knowledge Capitalism provides a practical tool-set for anybody want to interpret and manage change in the new economy.

Paper: Digital Business Strategy: Toward a Next Generation of Insights

Author: N. Venkat Venkatraman

Boston University - Department of Management Information Systems

Description: Over the last three decades, the prevailing view of information technology strategy has been that it is a functional-level strategy that must be aligned with the firm's chosen business strategy. Even within this so called alignment view, business strategy directed IT strategy. During the last decade, the business infrastructure has become digital with increased interconnections among products, processes, and services. Across many firms spanning different industries and sectors, digital technologies (viewed as combinations of information, computing, communication, and connectivity technologies) are fundamentally transforming business strategies, business processes, firm capabilities, products and services, and key interfirm relationships in extended business networks. Accordingly, we argue that the time is right to rethink the

role of IT strategy, from that of a functional-level strategy — aligned but essentially always subordinate to business strategy — to one that reflects a fusion between IT strategy and business strategy. This fusion is herein termed digital business strategy.

Paper: Social entrepreneurship: What are we talking about? A framework for future research

Author: Marti, Ignasi
(IESE Business School)

Description: This paper introduces a framework to guide research and systematically enhance our understanding of social entrepreneurship. Drawing from traditional entrepreneurship literature, the paper presents social entrepreneurial "opportunities" as an important concept to differentiate social entrepreneurship from other social initiatives as well as from business entrepreneurship. It also addresses important issues -level of analysis, methods, and performance measures- that the field will have to attend to if it is to develop into an independent field of research. Finally, the paper argues that a dual approach -combining analytic and systemic thinking- is required to capture the complexity of the phenomenon.

Hardware Requirements:

As our system will be going through various kinds of works to be done, it has the need of various hardware specifications

HARDWARE FOR WORKING OF WEBPORTAL:

- Computer with number of core 1.
- Intel or compatible Pentium class 4 processor or higher.
- Memory (RAM) at least 4GB or more
- Hard disk space at least 5 GB
- Everything what we have is hardware

Software Requirements:

Software Requirements for Building Web portal:

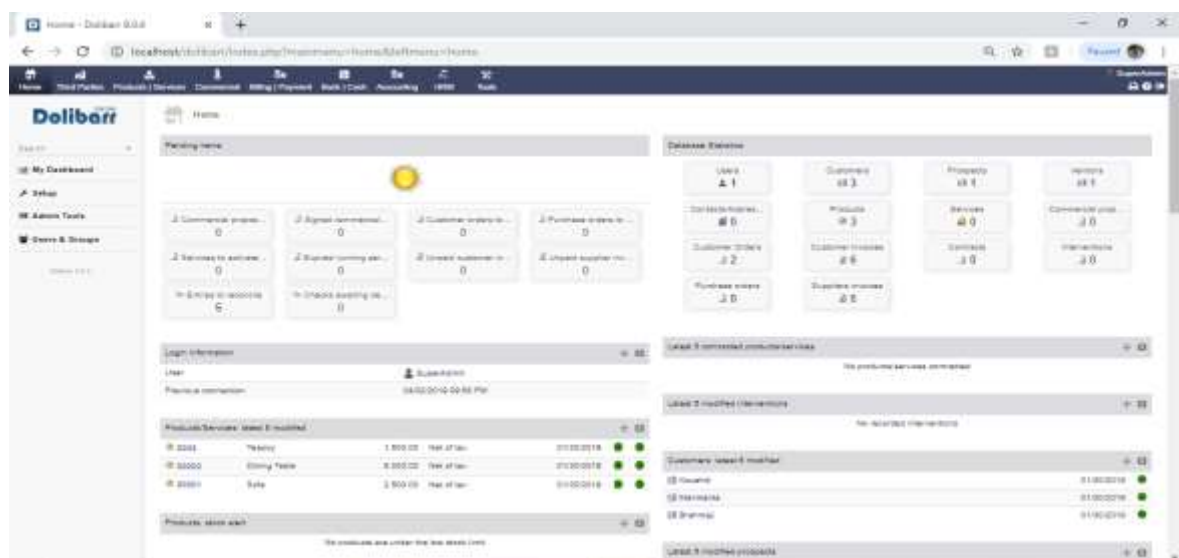
Software	Minimum requirements
Operating system	Windows Server 2012 R2 or above Chrome or any internet explorer for running of a website and Adobe for running any videos or ads Microsoft Windows operating systems would have to be put into emulation mode.
IIS (Internet Information Services)	Version 7.5 or higher

5. INNOVATION OF THE PROJECT:

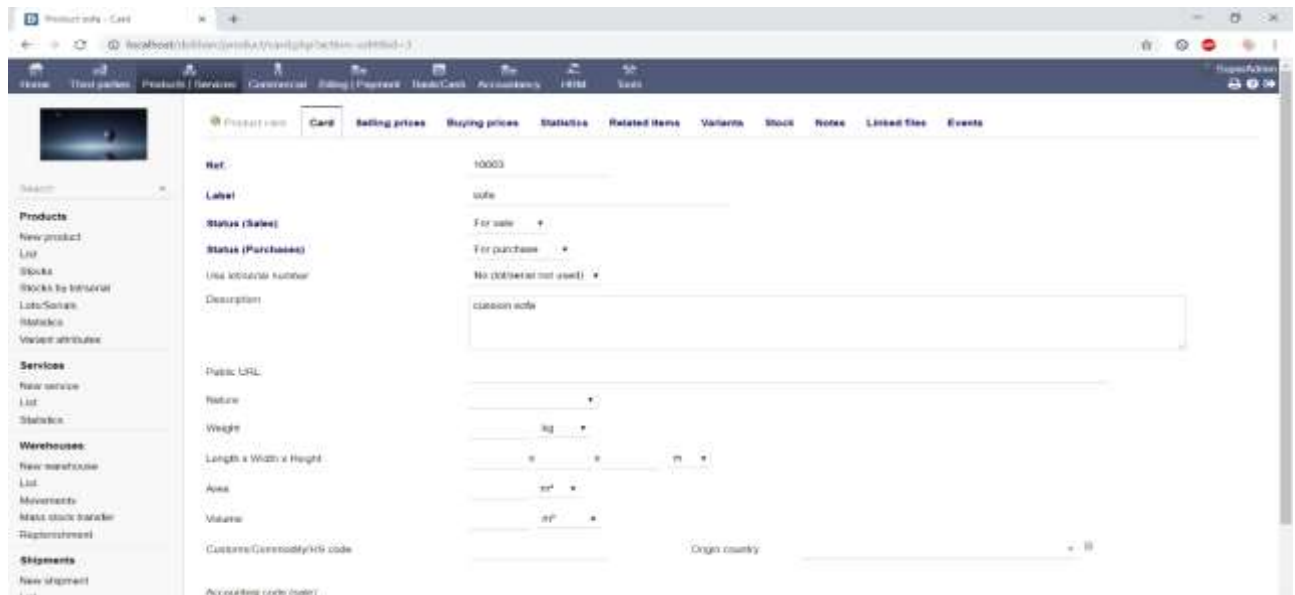
Based on the customer chosen design we will manufacture the product and we may increase the warranty of up to 6 months regardless of company. We will deliver the product to the people who are in rural areas and can be delivered to areas which cannot be deliverable by large companies.

6. 20% IMPLEMENTATION:

Home Page:



Adding product:



Product view - Card

Ref: 10003

Label: sufe

Status (Sales): For sale

Status (Purchases): For purchase

Line attribute number: No (attribute not used)

Description: custom code

Public URL:

Name:

Weight: kg

Length x Width x Height: cm

Area: m²

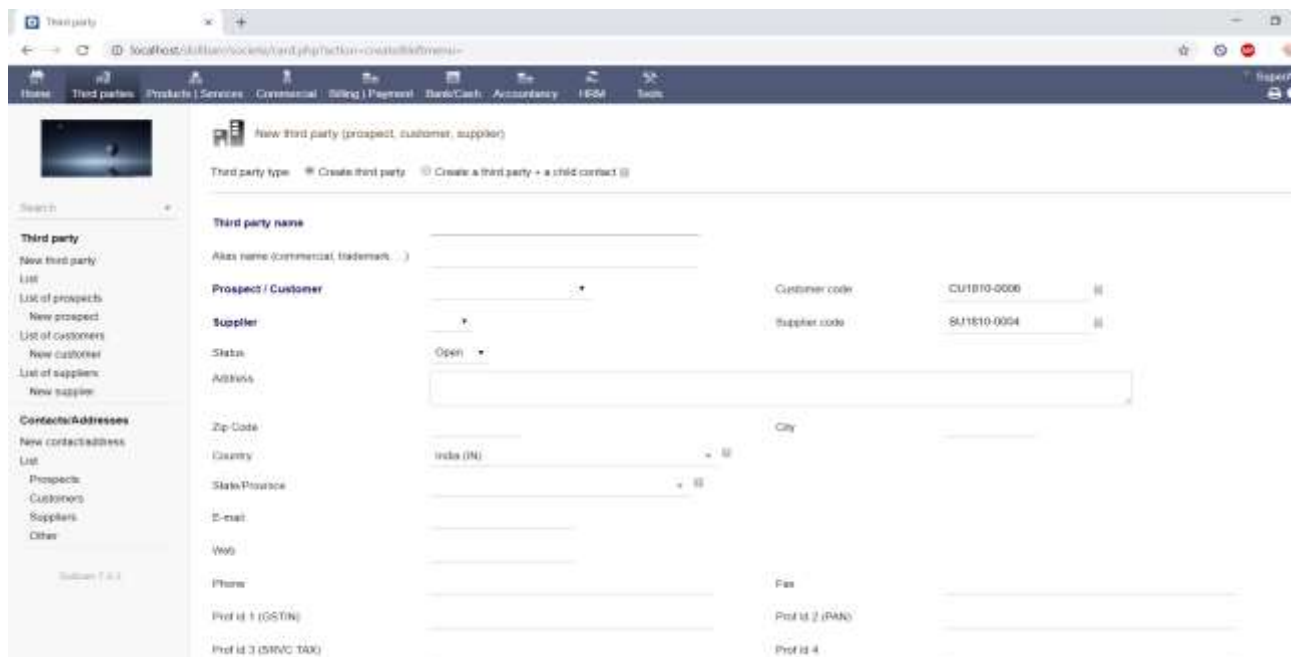
Volume: m³

Customs/Commodity code:

Origin country:

Accounting code (none):

Adding Customers (Third parties):



Third party

new third party (prospect, customer, supplier)

Third party type: Create third party | Create a third party + a child contact

Third party name:

Alias name (commercial, trademark, ...):

Prospect / Customer:

Supplier:

Status: Open

Address:

Zip Code:

City:

Country: India (IN)

State/Province:

E-mail:

Web:

Phone:

Fax:

Prof id 1 (GSTIN):

Prof id 2 (PAN):

Prof id 3 (SRVC TAX):

Prof id 4:

7. INTRODUCTION:

Art Deco is a complete home service-based startup. as we know that we rely on different vendors for our different daily needs to our home. This Art deco provides all the home furniture under one area.

Different home needs different furniture like chairs, sofas, tables, teapots, glass chairs, glass tables can provide under one website. Users can just register and use the different services provided by our website.

7.1 BACKGROUND STUDY:

This website will provide all furniture that were needed in home in our website, so the cost for the paying different people along with the tax can also be reduced eventually and different items can be provided by our store.

- Customers can register through our website with their respective details.
- Service to the customer will be provided on request by the customer by our store.
- Immediate action towards the need by sending product service or by sending the experts to take care of the problem in customer home

Customer can go through the product or a service in need and verify whether that service is provided or not provided.

The list of products and services provided:

- Chairs
- Tables
- Sofas
- Arm Chairs
- Floor Lamps
- Cabinets
- Drawers
- Bill payment gate ways
- Buying supplier items and storing sources in warehouse etc

7.2 Problem Statement

As we know that we depend on different sellers/websites for providing of the different furniture to our home. The problem is to take particular product or furniture to the home the main problem is carrying product. It may take much effort to carry or people have to pay some to carry the furniture. It may have some product damage in the carrying to the home.

- The price taken for the delivery of the particular product in the traditional method was very high.
- The taxes that want to pay for the different vendors/consumers will be in high amounts.
- Charges/price per customer per service will be very high.

In order to overcome all these issues, we have taken initiative for the development of the “**Art Deco**”

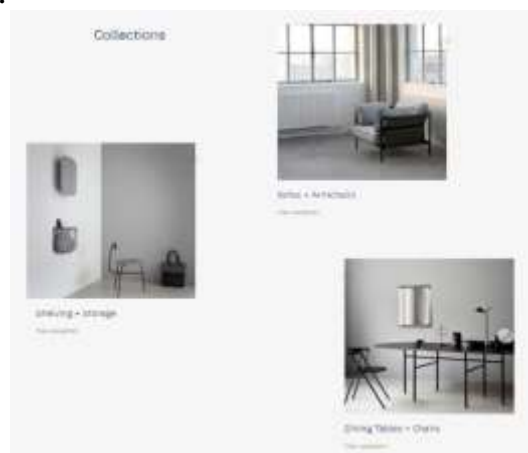
7.3 Importance:

Individual business that were implementing all these days will be made online, so the corruption in all fields of home sector can be minimized easily and everything is noted.

It gives every product in one store, so customers no need to search other websites.

Now a days every product/service was made online so the scope of development in this sector will be very high.

As everything was made online the importance for this type of the product service will also be very high.



Our home furniture professionals are dedicated to providing expert products and delivery service so we can help you maintain your business continuity and eliminate further business interruptions and loss of revenue. So, your business can get back to looking and functioning its best, Total Home furniture's product provides the best restoration services possible.

8. Overview and Planning

8.1 Proposed System Overview

Increase in product services and new products.

- Delay and reduce the need for product service and product support.
- Ensure that people have a positive experience of care and support.
- Safeguard adults whose circumstances make them vulnerable and protecting them from avoidable harm.

8.2 Challenges:

While developing a furniture service we want to take care of each, and every stake holder present the home.

We want to overview all the aspects of the home needs
The challenges may be:

- That do customers want and are the existing sales to ones we would want to use ourselves?
- What are the features of the local social care economy and how can this be sustained?
- What is the best way to ensure consistent quality in service delivery?
- What is the real nature of personalization?
- Is re-aliment of a product service or an approach to promoting independence that should feature in all care and product support services?
- What should anyone (citizen) know before purchasing a home furniture product?
- How can the Council be fair to self-funders?
- Is competition in the market necessary to keep down price and increase quality?
- How can customers influence the supply in the market?

How this challenge can affect by business?

- If the products that was provided was not good, then the huge drop down in the usage of service can be seen.
- If company challenges were still incorporated, then the reputation toward the site will be reduced.
- If challenges and errors were not rectified within a year the company should be in a position to with stand all activities.

8.3 Assumptions:

If all these challenges were reduced, then the system will be in an enhanced mode.

If all these mentioned were implemented, then:

- Fast Delivery time.
- 24/7 customer buying service.
- Licensed and insured replacements.
- Low free service delivery.

8.4 Architecture Specifications:

How my website architecture will be there?

We are going to build the website on hierarchy levels

Our website will have the login and the registration page(if there is no account).

After Login into the website customer can choose the product which they want and add to the cart.

And payment can be made through online web portal by credit card, Net banking etc

We will have the admin login where admin can see the suppliers details and transaction of customers.

9. System Design:

How does this particular system work in an order? What was the design that this system follows to achieve all the tasks?

These were the various steps that we will under go

Discovery process:

The project always begins with a discovery process, where we listen to our client's needs and desires. Our preliminary interviews are relaxed yet specific, as we endeavour to balance the desires of the client with the realities of technological trends, budget constraints and built-in obsolescence.

System design:

Now that pertinent information has been gathered, a detailed report can be developed in accordance to these plans. We put our system design team to work to define all aspects of the project functionality for each room or area. An extensive set of project drawings are created that show graphically where all hardware and pre-wire drops will be located. In addition, all hardware and labour are defined with exacting detail. We meet with the client to deliver this information for review, feedback and ultimate approval.

Engineering:

After client has signed off on the system design and project price, our engineering team will plan and produce documents and drawings for the installation of the technical solutions to not only meet client needs, but ensure reliability and ease of use. A complete engineering documentation package will be presented to the client at the completion of the project.

Implementation process:

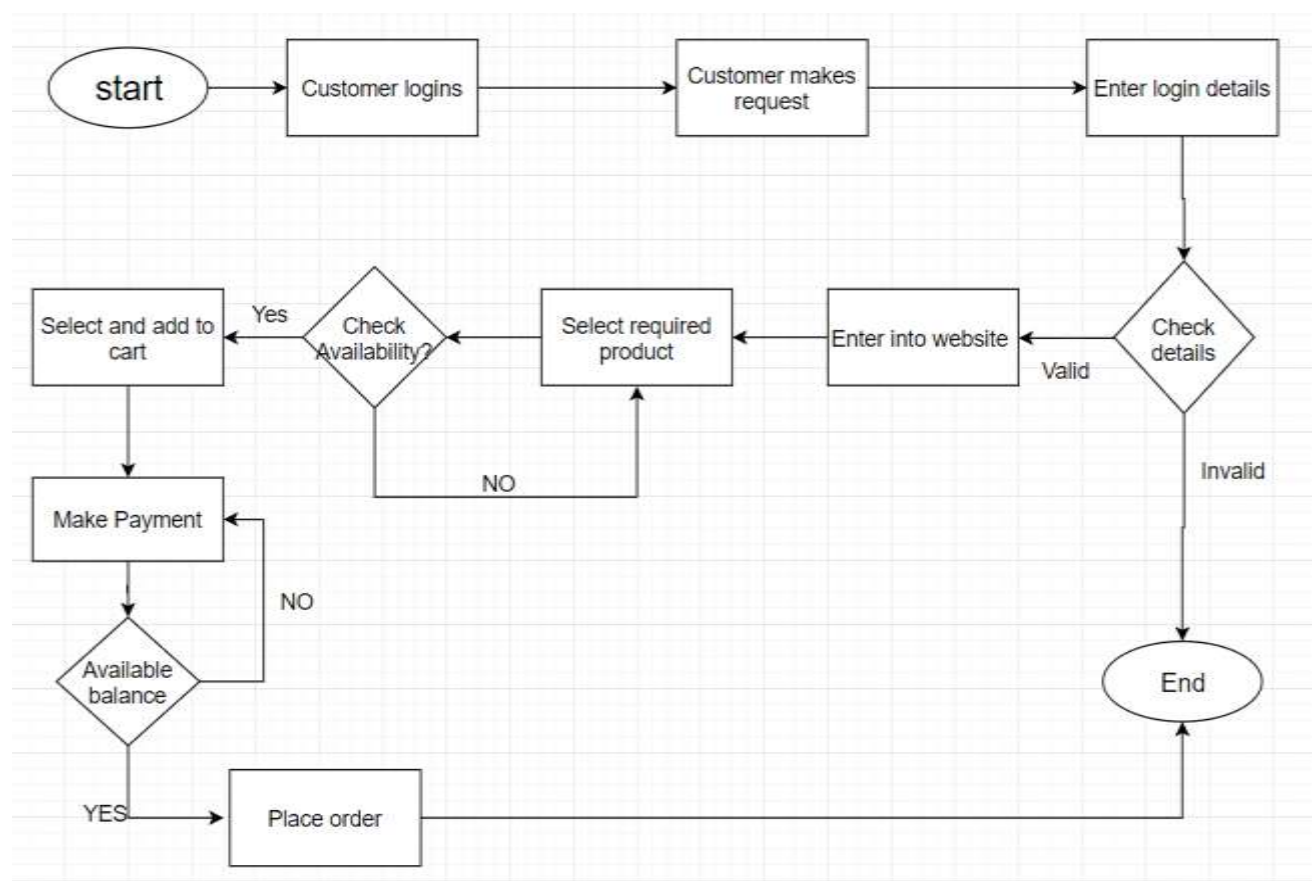
Once rough and trim phase engineering documentation is complete, we are ready to install the infrastructure such as conduit, low voltage wiring and enclosure. We purchase all AV equipment and assemble as appropriate in our office or at the job site. Our job is complete only when the client is 100% satisfied with the finished product. The length of time for this phase is dependent upon the time frame of construction. Once system installation is complete, all engineering documentation is updated to an as-built state.

Service and support:

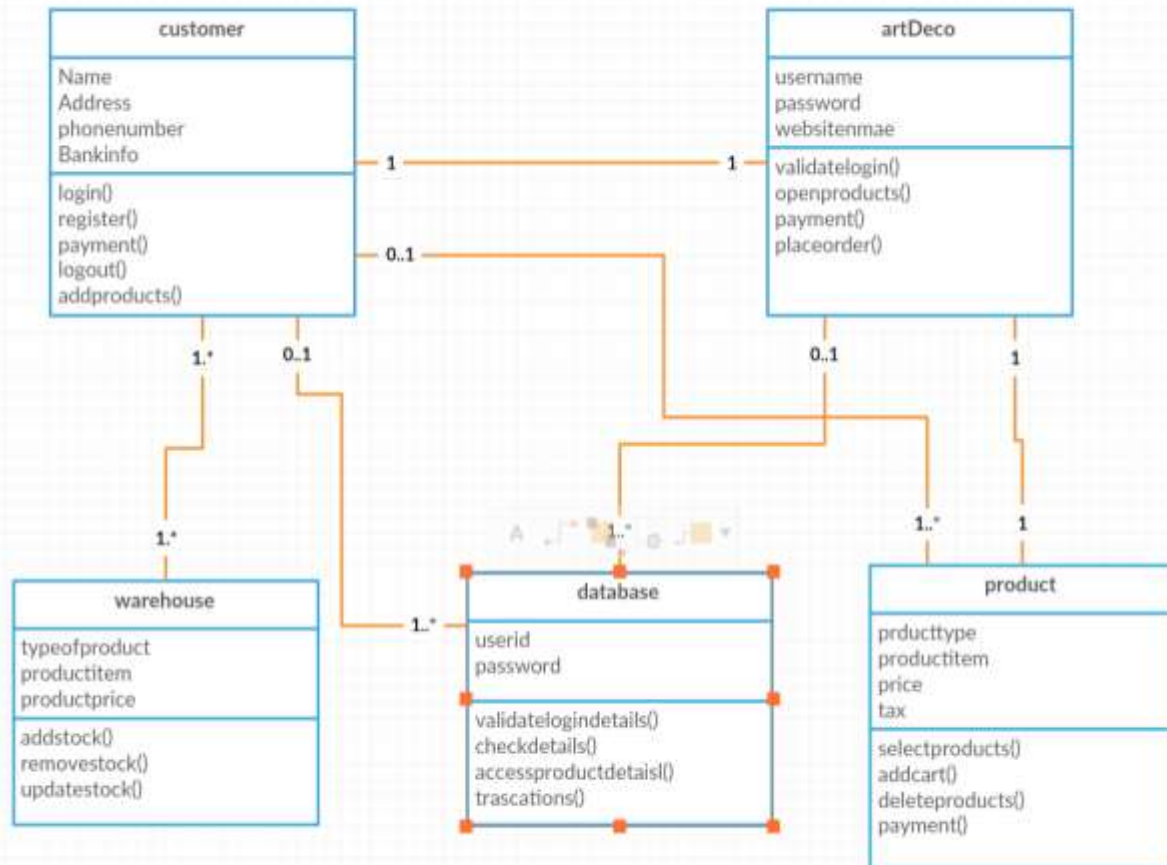
A complete set of as-built documentation is delivered to every client at the final project sign-off. We strive to make every client, a client for life. By delivering

as-built documentation and programming source code to our clients, we ensure that the investment they have made into their home is well protected and may be serviced for life with accuracy and diligence. We honour all manufacturer warranties plus a 12-month workmanship warranty.

9.1 High level design:



9.2 Low level design:



10. Implementation:

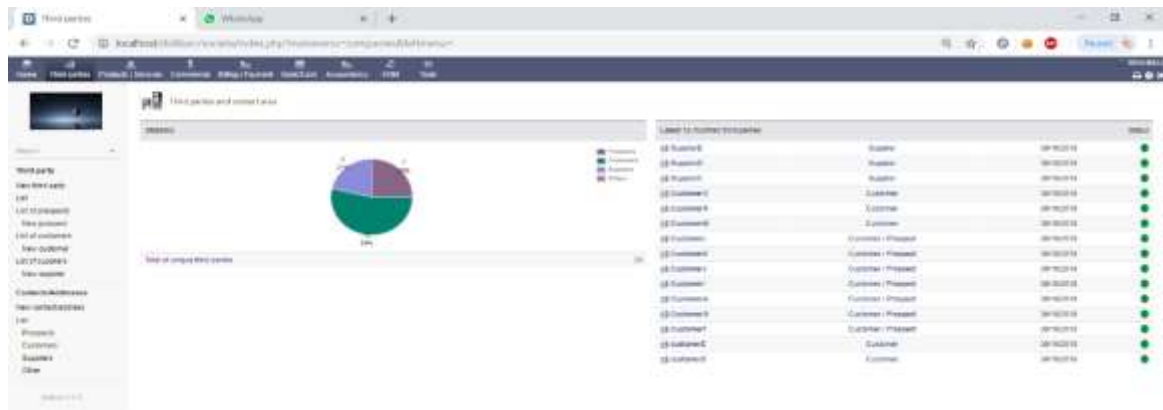
This particular service and product were successfully implemented through the ERP system

Tool Used: The tool that was used is “**Dolibarr ERP Tool**”

Implementation:

Before implementation lets discuss about the futures of this “**Dolibarr ERP tool**”

Third parties(customer/suppliers):

**Transaction INFO (Bank details):**[illegible]

Sales and purchase details:

Customer draft invoices		
(PROV1)	customerA	0.00
(PROV7)	customerC	0.00
(PROV8)	customerC	0.00
(PROV10)	customerB	0.00
(PROV11)	customerA	0.00
Total		0.00

Supplier draft invoices		
(PROV2)	SupplierA	0.00
(PROV3)	SupplierA	0.00
(PROV4)	SupplierA	0.00
Total		0.00

Latest 3 customer invoices		
	Amount (inc. tax)	Modif. date
(PROV11)	0.00	07/10/2018
FA1610-0001	1.400.00	07/10/2018
(PROV10)	0.00	07/10/2018

Latest 3 supplier invoices		
	Amount (inc. tax)	Modif. date
(PROV4)	0.00	07/10/2018
(PROV3)	0.00	07/10/2018
(PROV2)	0.00	07/10/2018

Social/fiscal taxes to pay			
Due date	Amount (inc. tax)	Paid	
None			

Unpaid customer invoices	
Due date	Amount (inc. tax)
No invoice	

Unpaid supplier invoices	
Due date	Amount (inc. tax)
No invoice	

11. Basic Features of the system were:

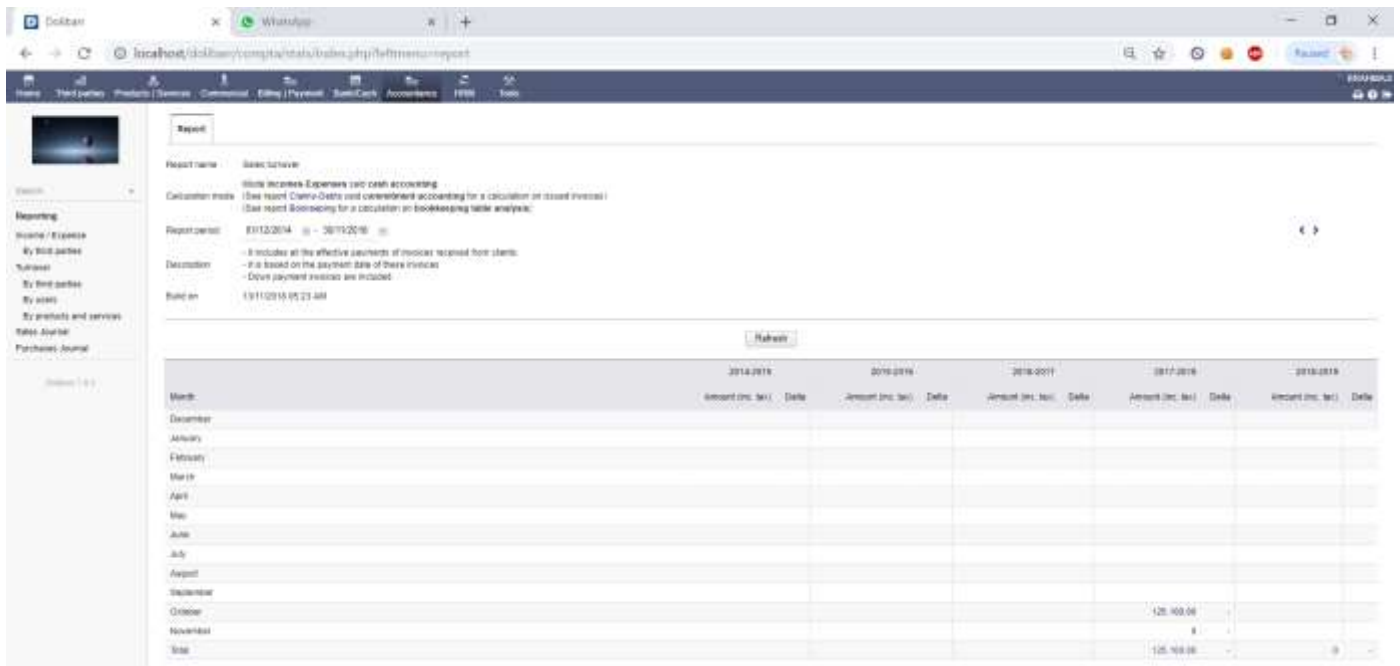
- Maintain warehouse (Inventory management)
- Maintain the sales
- Maintain the production control
- Take the customer orders
- Maintain the products in the warehouse effectively
- Pricing for individual items
- Different kind of work space
- Billing and Invoicing
- Can be able to print into excel and pdf forms
- Store the sales data to forecast the sales (manually)

- Able to send e –mails to particular authorities as of work reminder or may be a sale
- Ordering supplier goods
- Adding and removing customers

13. REFERENCES:

14. 100% IMPLEMENTATION:

Yearly Turnover:



The screenshot displays the Dolibarr web interface. The main content area shows a 'Report' titled 'Basic turnover'. The report period is set from 01/12/2014 to 30/11/2015. The report includes a table with columns for 'Month', 'Amount (inc. tax)', and 'Date'. The table shows the turnover for each month of the year 2015, with a total of 125,400.00 for the year.

Month	Amount (inc. tax)	Date
December		
January		
February		
March		
April		
May		
June		
July		
August		
September		
October	125,400.00	
November	0	
Total	125,400.00	

Human Resource Management (HRM):



Services provided by the “Art Deco”:

1. Art Deco Catalogue Services:

- Enriching catalogues that customers love.
- Digital photo image helps generates more sales.
- Truly a platform for graphic user interface.
- Important information through pictorials.
- Easy to remember and incorporate interaction.
- Our catalogue building services give prolific results.
- We give elaborate product detailing through powerful cataloguing.
- For informative ideas, our catalogues do it all.
- Get the best of promotion with our creative catalogue makeup.

2. Art Deco Market Place:

In this process, once a seller is approved with the quality parameters and terms and conditions of “Art Deco” Marketplace, a seller can list their own products or even they can choose from the list of products that “Art Deco” already has. But they need to choose their own pricing and shipping details and offers to attract the buyers. Hence, it requires approval from “Art Deco” then products will show on the site.

Meanwhile, Art Deco also has their logistics in place. The best part about it, every seller can take advantage of their logistics. After completing the sale process, “Art Deco” will transfer the money to seller’s accounts on the periodic basis. Most importantly, the “Art Deco” also offers such as cash on Delivery and EMI options that extended to the sellers.

Good reputation:

At all times, it is recommended that you should undertake research on a company’s reputation before hiring them. A company’s reputation tells you about other people’s experiences and the nature of the products that they got from the company. Whereas a good reputation does not necessarily guarantee that you will get the best job, it gives you an advantage in narrowing down your options. To find out the reputation of a company, simply go online and search for customer feedbacks.

Advantages of “Art Deco” Marketplace:

- For Third Party Sellers: it has become an excellent platform for third-party sellers. With the help of this modal, they can offer their products to a much larger audience and don’t even have to spend too much money. Not only this, third-party sellers can also leverage site’s existing Infrastructure and frontend to list and sell their products with their own offers.
- For E-Commerce Sites: With the help of this modal, the host sites are able to expand its catalogue of products without having to tie-up with multiple manufacturers. Meanwhile, they can simply implement this model without much investment.
- For Buyers: it is the biggest advantage for buyers, they can avail cheaper prices on products due to cut-throat competition among multiple vendors selling same brands products at the same platform. Apart from it, they get a bigger choice of products at the most discounted price.

