



## Al Imam Mohammad Ibn Saud Islamic University College of Computer and Information Sciences

## **Information Technology Department**

Course Title:	Enterprise Systems
<b>Course Code:</b>	IT 413
Course	Dr.Shakir khan
<b>Instructor:</b>	T. Waad Almeshary
<b>Course Project:</b>	Project - Odoo for E-Commerce
Semester:	3 <sup>rd</sup>
<b>Submission Date:</b>	May 30, 2023 week 10 before midnight
Marks:	20

Student Name (in English):	Student Name (in Arabic):	Student ID:	Section No.:	Group No
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Hind Aldayhani	هند الديحاني	440022793		

### **Instructions:**

- 1. Students should work in a group of <u>4 student</u> to solve this project.
- 2. The assignment soft copy due: Tuesday May 30 before 12:00 am via **Blackboard**.
- 3. Prepare for presentation using PowerPoint slides (15 minutes)
- 4. Any delayed submission will not be accepted.
- 5. No handwritten assignment will be accepted.
- 6. Any copied will be marked zero.
- 7. There will be no extension in the submission deadline.

Official Use Only					
Question Student Marks Question Marks					
1		20			
Total		20			





### **Project Description**

The purpose of this project is to learn and deal with an **Odoo** ERP system that allows the student to increase their practical skills in a real-world business environment. The target of this project is to develop an online store for E-commerce that helps a business to boost its sales. The project will involve usage of following modules of Odoo.

Sales Management	CRM	Social Marketing	eCommerce	Employee Module
Module			Module	
Sales Management Quotations, Sales Orders, Invoid Installed	CRM Leads, Opportuniti Install	Social Mar	eCommerce Sell Your Prod Installed	Employees Centralize employee information Installed LEARN MORE

For each module you need to input at least **10 records.** This project requires team work, and demands an effective coordination mechanism between project members in order to deliver the required system. Each group should choose the domain of online store in which Odoo will be implemented.

Topics to choose from (no repetition unique for each group):

- 1- Grocery store
- 2- Clothing store
- 3- Cars
- 4- Beauty store
- 5- Book store
- 6- Shoes
- 7- Animal essentials

The students will make their online store (by creating their own data avoiding usage of demonstration data that comes with Odoo). The students will make some direct sales by using CRM and Sales Module. Some sales will be done using online store. Then,





students are required to market their online store and the products. Finally students will show the performance of Sales team and present the performance of warehouse using dashboard screen.

Note: To develop an online store, students can take help from following video

https://www.youtube.com/watch?v=ewiPcd0gJmg&index=6&list=PLLzCsPvhLpWyzj1jWQGfECZtUACcdqOZ\_

### **Project Deliverables:**

- [1]. A report explaining the working of your online store. The report should be submitted as a soft copy via blackboard.
- [2].Contents of the report: title page, index, online store description with screenshots, CRM description with screenshots, Sales Management description with screenshots, Dashboards description with screenshots, marketing description with screenshot, your special contribution (if any), conclusion
- [3]. A real presentation of an established Odoo modules of at least 10 data records on all specified modules. The students should demonstrate their system according to the following guidelines:
  - The main Dashboards of the project
  - The Online store
  - The CRM module in your project
  - The Sales Management module in your project
  - The social marketing module in your project
  - Your special contribution (if any).

### **Course Project Policies**

• Students should work in teams; each team consist of 4 members.





- Students should demonstrate the system by the end of the semester.
- Students should apply the concepts and methods that has been taught in both course's lectures and lab sessions to finish their project.
- Students should reflect their ideas, creativity and team spirits on their team work.
- Copying or using other students' work is prohibited and considered as cheating.

**Good Luck** 





# My Jewelry Store





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### 1. Introduction

My Jewelry store is a website that helps its customers buy jewellery in ease without wasting their time and effort. The website was built using Odoo which provides companies with tools that will improve their scalability and address all their business needs. This report is composed of seven sections: first section is a description of the online store, second section is a description of the CRM module, the third section is a description of the sales management module, the fourth section is a description of employee module, the fifth section is a description of the social marketing module, the sixth section is a description of the dashboard, and lastly is the seventh section which will be the conclusion of the project.

## 2. My Jewelry Store

My Jewelry store is a website that helps its customers to find the best jewelry from the best brands with the ability to navigate and purchase suitable jewelry for their special days whether it is diamond or gold with a wide range of jewelleries such as necklaces, bracelets, and rings.

The website was built using E-commerce module which provides users with the ability to easily build their own website where they can display their products.

### Home Page:

In the home page there is a brief description of what the store offers to get the customers attention, with the ability to navigate for the other website pages which are Shop, About us, and Contact us page.

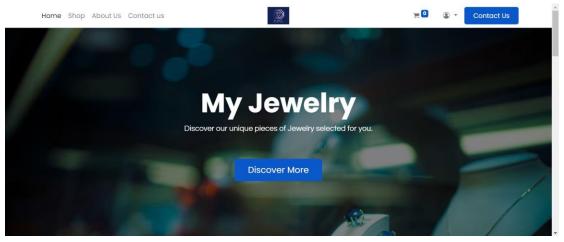


Figure 1 Home Page





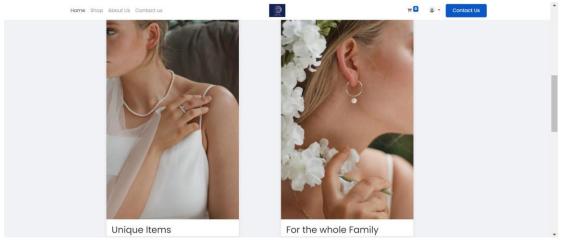


Figure 2 Home Page

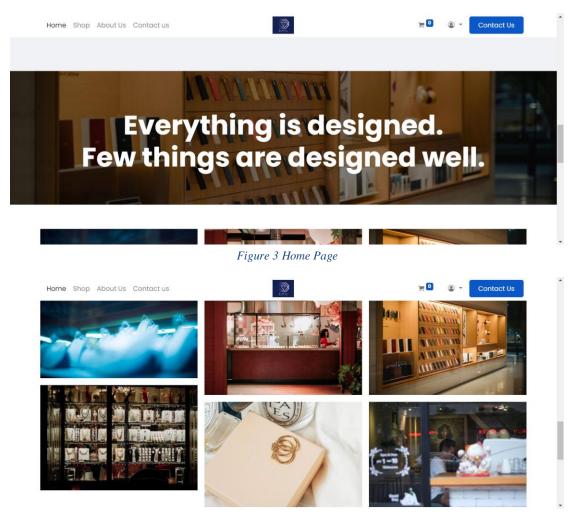


Figure 4 Home Page





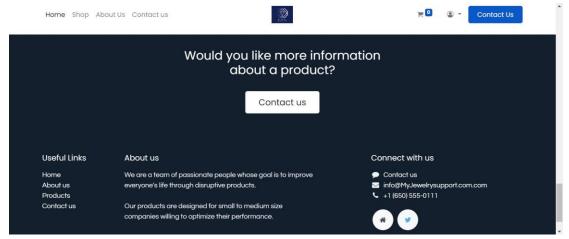


Figure 5 Home Page

### Shop Page:

The shop page displays the available products on the website for the customer to choose from, with the ability to navigate for the other website pages which are Home, About us, and Contact us page.

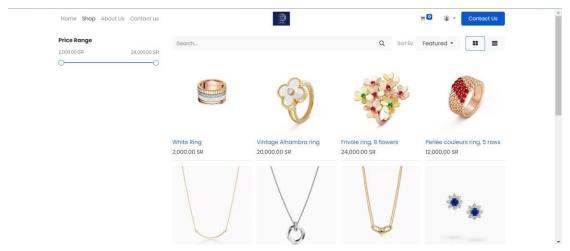


Figure 6 Shop Page





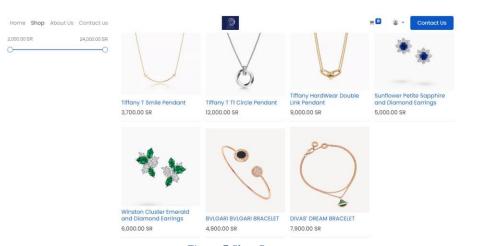


Figure 7 Shop Page

### About us Page:

This page will provide the customer with a more detailed description of the website to know it more, with the ability to navigate for the other website pages which are Home, Shop, and Contact us page.

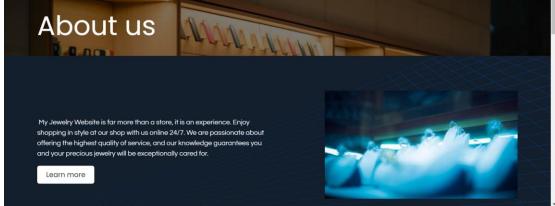


Figure 8 About Us Page

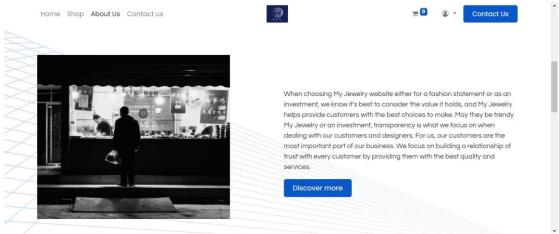


Figure 9 About Us Page





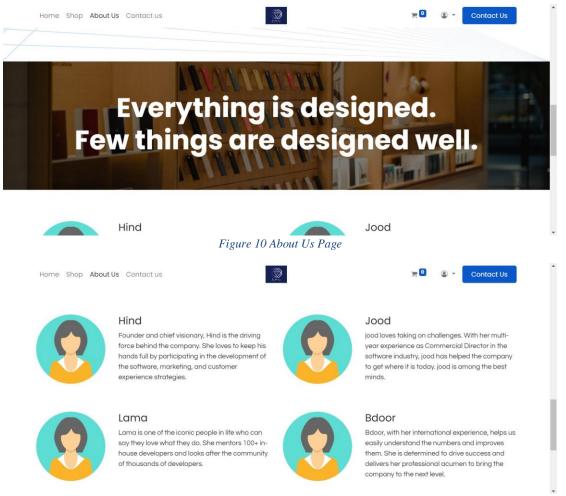


Figure 11 About US Page

### o Contact Us Page:

The Contact us page will give the customer the opportunity to contact the website, with the ability to navigate for the other website pages which are Home, Shop, and About us page.





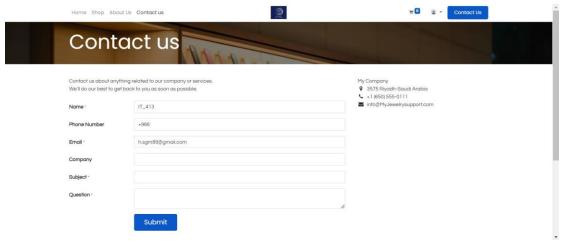


Figure 12 Contact Us Page

## 3. Customer Relationship Management (CRM) Module

Customer Relationship Management assists companies in connecting with the customers, tracking the sales leads, increasing profitability, customer satisfaction and many more features. In this project we used CRM module to manage customers, opportunities, sales leads, and sales teams.

We begin with creating the sales team which is responsible for sales with employee Hind as a team Leader and a ten qualified salesperson members in the team.

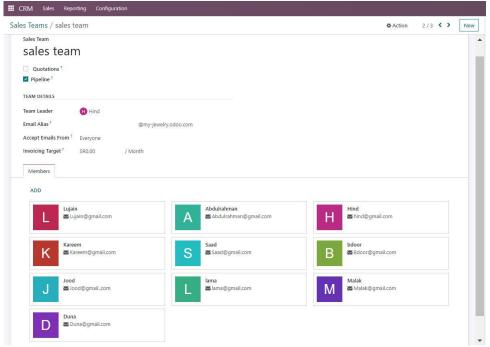


Figure 13 Sales Team Details





Then the team created ten individual customers and three company customers.

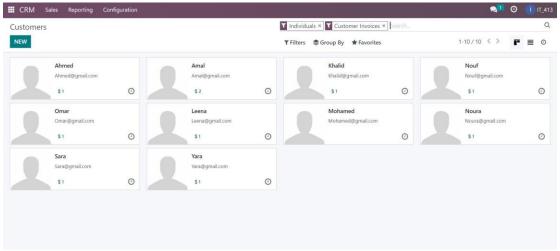


Figure 14 Individual Customers

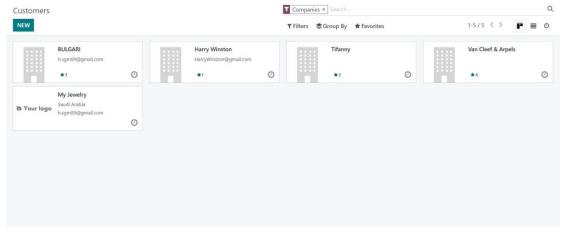


Figure 15 Company Customers

As mentioned before the CRM allowed the website to have various opportunities from different companies around the world that will provide the website with unique products.





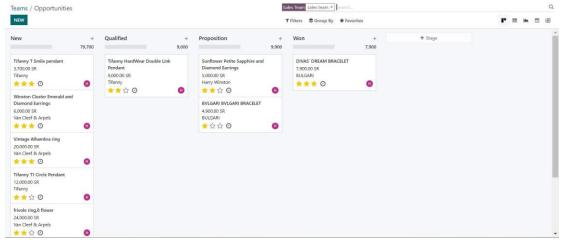


Figure 16 Opportunities

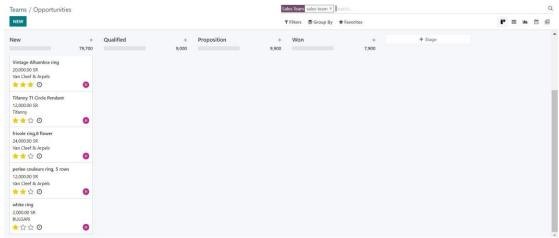


Figure 17 Opportunities

Next is the lead analyses which will help to analyze CRM Leads in various aspects.

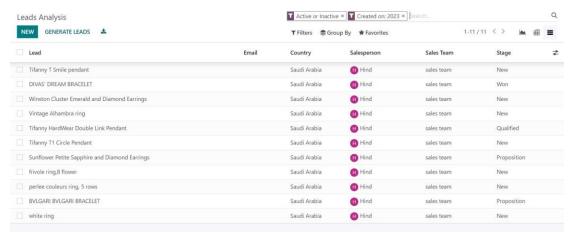


Figure 18 Leads Analysis





## 4. Sales Management

Sales management module provides companies with the ability to view all the information that is associated with the sales order. This module will reduce the time needed for the sales management process while improving the efficiency of the company.

The team used this module to create, edit, and delete sales orders (frond-end and backend), quotations, and many other related activities.

The module helped manage the products that the website offers from various brands, where the team was able to create, edit and delete them.

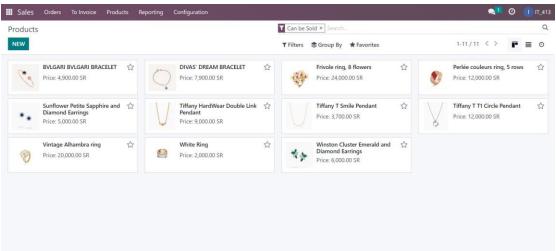


Figure 19 Products

Quotation is about negotiation of potential price for the product, and it can be approved or rejected by the customer. The team created ten quotations with different customers and salespersons.





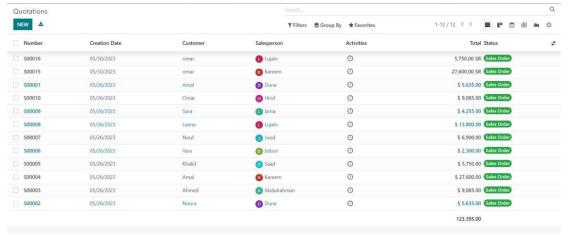


Figure 20 Quotations

Once the customer accepts the quote and fully invoice it. That means the product is ready to be shipped, then he/she will be able to pay for the order.

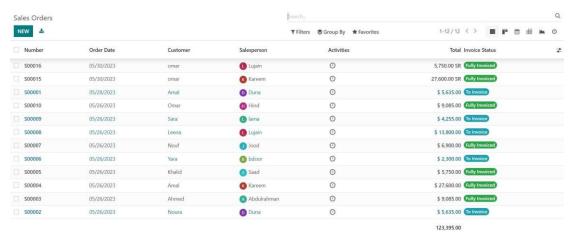


Figure 21 Sales Orders

Here is the list of orders to be invoiced.

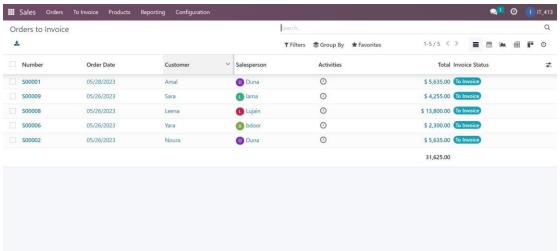


Figure 22 Orders to Invoice





In the accounting module we can view the invoiced orders and the status of their payment (payment was conducted using two payment methods: Bank and Wire Transfer).

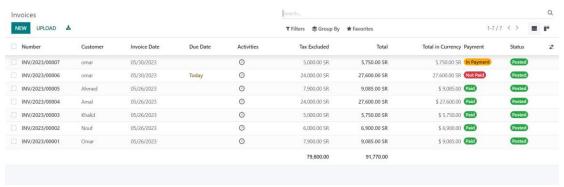


Figure 23 Invoicing Module, Invoices

### • Customer Order View

When customers order from the website they go through these steps.

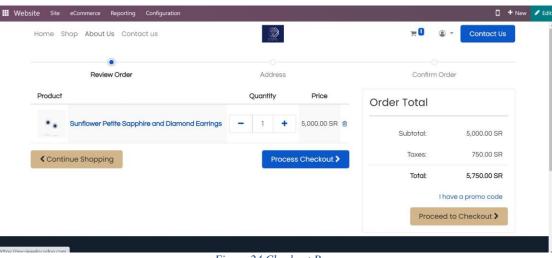


Figure 24 Checkout Page

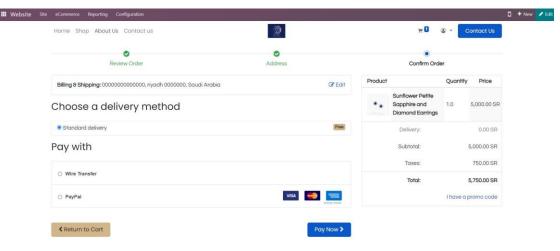


Figure 25 Choosing Payment method Page





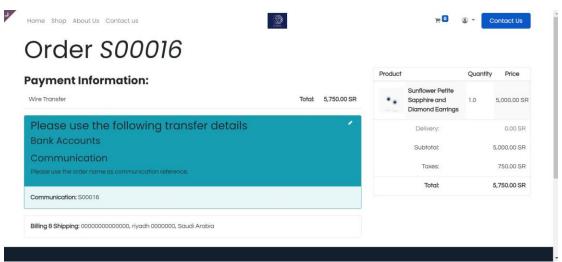


Figure 26 Order Details

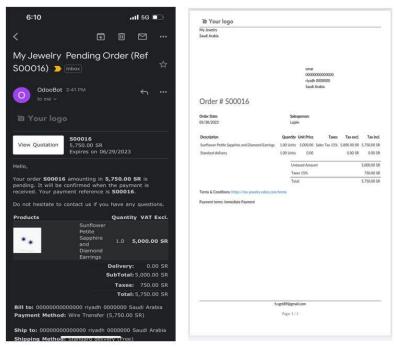


Figure 27 Quotation Sent to Customer Through his Email





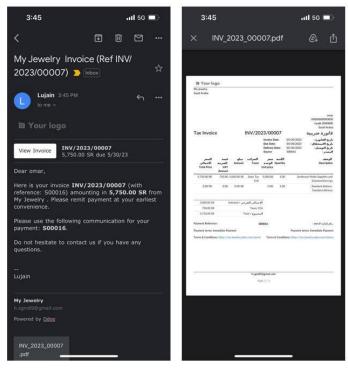


Figure 28 Invoice Sent to Customer Through his Email

## 5. Employee

Employee module is one of the most important human resource modules, it assists in organizing all the employee's information in the company.

The team used this module to create 30 employees and assign them to multiple departments. Which are: Management, Sales, and Marketing.

Here is the list of employees with their email for contact across all departments.

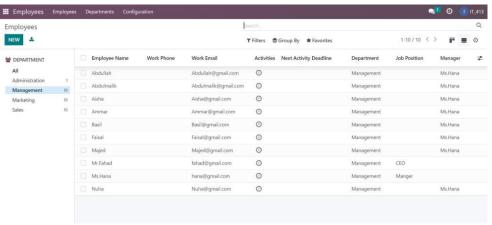


Figure 29 Employees in Management Department





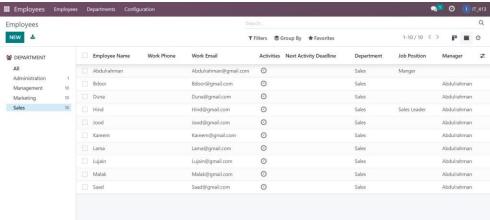


Figure 30 Employees in Sales Department

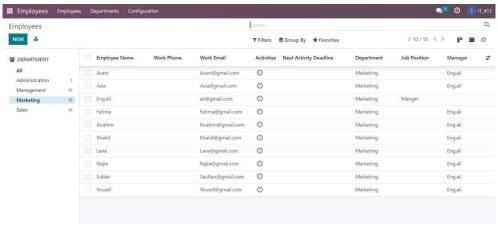


Figure 31 Employees in Marketing Department

## 6. Social Marketing

The social marketing module helps in the planning and monitoring of the communication with the existing or potential customer. It makes reaching the targeted audience easier and beneficial. The module provides a lot of features for that such as pushing notifications and posting in social media.

In the project the team used this module to create advertisement posts and campaigns through social media (Twitter) to help in promoting our website.

### The Post:

Post and notification for free delivery in for the first order.

### The campaigns:

- Eid Al-Adha campaign, promotion discount: Happy Eid.
- Graduation campaign, promotion discount: Graduation.





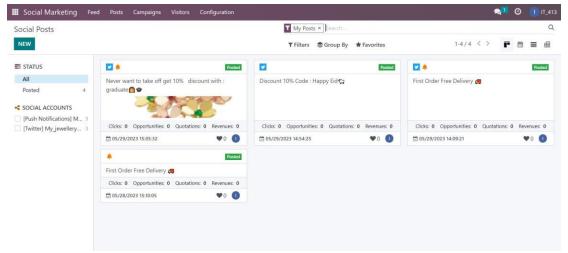


Figure 32 Social Posts

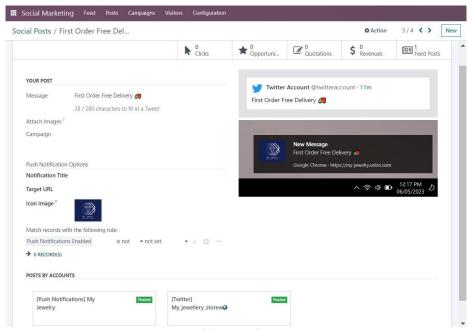


Figure 33 Free Delivery Post





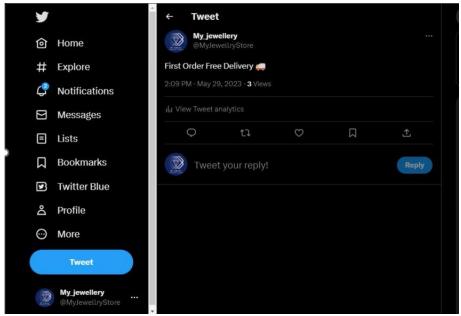


Figure 34 Free Delivery Post (Twitter)

List of the created campaigns with the assigned marketing employee.

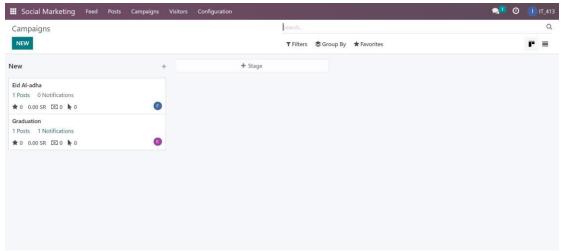


Figure 35 Campaigns

The post of Eid Al- Adha campaign.





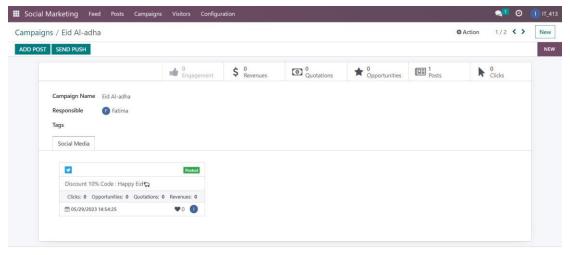


Figure 36 Eid Al-Adha Campaign Post



Figure 37 Eid Al-Adha Campaign Post (Twitter)

The post of graduation campaign.

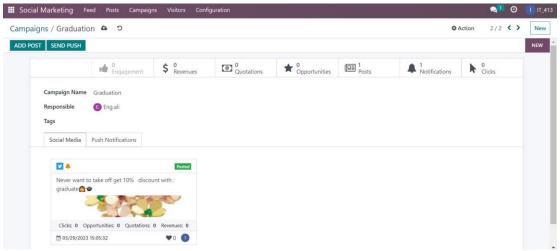


Figure 38 Graduation Campaign Post





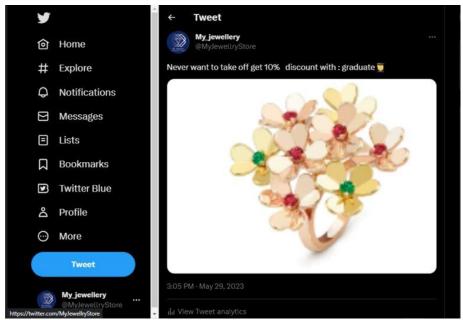


Figure 39 Graduation Campaign Post (Twitter)

## 7. Dashboard

The dashboard is used to sort and organize analytics of the company's operations. In many aspects such as sales, CRM and finance.

### **Top Customers**

and the same of th		
Customer	Orders	Revenue
Amal	2	28,900.00SR
Leena	1	12,000.00SR
Ahmed	1	7,900.00SR
Omar	1	7,900.00SR
Nouf	1	6,000.00SR
Khalid	1	5,000.00SR
Noura	1	4,900.00SR
Sara	1	3,700.00SR
Yara	1	2,000.00SR

Figure 40 Top Customers





## Top Salespeople

Salesperson	Orders	Revenue
Kareem	1	24,000.00SR
Lujain	1	12,000.00SR
Duna	2	9,800.00SR
Abdulrahman	1	7,900.00SR
Hind	1	7,900.00SR
Jood	1	6,000.00SR
Saad	1	5,000.00SR
lama	1	3,700.00SR
bdoor	1	2,000.00SR

Figure 41 Top Salespeople

## **Top Sales Orders**

Order	Customer	Salesperson	Revenue
S00004	Amal	Kareem	\$24,000.00
S00008	Leena	Lujain	\$12,000.00
S00003	Ahmed	Abdulrahman	\$7,900.00
S00010	Omar	Hind	\$7,900.00
S00007	Nouf	Jood	\$6,000.00
S00005	Khalid	Saad	\$5,000.00
S00001	Amal	Duna	\$4,900.00
S00002	Noura	Duna	\$4,900.00
S00009	Sara	lama	\$3,700.00
S00006	Yara	bdoor	\$2,000.00

Figure 42 Top Sales Orders

## **Best Selling Products**

Units	Revenue
1	24,000
2	15,800
1	12,000
2	9,800
1	6,000
1	5,000
1	3,700
1	2,000
	2 1 2 1 1 1

Figure 43 Best Selling Products





#### **Top Invoices**

Reference	Salesperson	Status	Customer	Date	Amount
INV/2023/00004	Kareem	Paid	Amal	5/25/2023	24,000.00SR
INV/2023/00005	Abdulrahman	Paid	Ahmed	5/25/2023	7,900.00SR
INV/2023/00001	Hind	Paid	Omar	5/25/2023	7,900.00SR
INV/2023/00002	Jood	Paid	Nouf	5/25/2023	6,000.00SR
INV/2023/00003	Saad	Paid	Khalid	5/25/2023	5,000.00SR

Figure 44 Top Invoices

Top Opportunities					
Opportunity	Stage	Salesperson	Country	Revenue	Success (%)
frivole ring,8 flower	New	Hind	Saudi Arabia	22,000.80SR	92
Vintage Alhambra ring	New	Hind	Saudi Arabia	18,334.00SR	92
perlee couleurs ring, 5 rows	New	Hind	Saudi Arabia	11,000.40SR	92
Tifanny T1 Circle Pendant	New	Hind	Saudi Arabia	11,000.40SR	92
Tifanny HardWear Double Link Pendant	Qualified	Hind	Saudi Arabia	8,250.30SR	92
DIVAS' DREAM BRACELET	Won	Hind	Saudi Arabia	7,900.00SR	100
Winston Cluster Emerald and Diamond Earn	ring New	Hind	Saudi Arabia	5,500.20SR	92
Sunflower Petite Sapphire and Diamond Ea	rrin Proposition	Hind	Saudi Arabia	4,583.50SR	92
BVLGARI BVLGARI BRACELET	Proposition	Hind	Saudi Arabia	4,491.83SR	92
Tifanny T Smile pendant	New	Hind	Saudi Arabia	3,391.79SR	92

Figure 45 Top Opportunities

## 8. Conclusion

In conclusion, we made a website and made using it simple, enjoyable, and clear for customers using Odoo system. In addition to creating what was necessary for our project using Odoo modules such as CRM, Employee, and Social Marketing. We faced some challenges but in the end they were handled and we learned new skills.