


COSMOS

User Manual & Installation Guide

Welcome to the user manual and installation guide for  **COSMOS** - *customer, order, sales management and operation software*. The following sections show details which relate to the installation and implementation of the cosmos software system. The second section provides a simple end user manual for the operation of the software system.

1. Installation:

Implementation of the system over LAN. The installation would be required by the **IT department** of the organization. End users of the system will not be required to install the software as it will be web based software, which can also be setup to be accessed over a local area network or private domain. Because this is a customized software for an individual client, the initial setup would be performed once off. Future versions & expansion of the software would incorporate an installer for the automatic configuration of the database migration and connection strings.

Server-side

Pre-requisites:

- **SQL Server 2014**
- **IIS Express Server**
- **.NET Framework 4.5**
- **Visual Studio 2015**
- **Entity Framework**

Steps:

1. **Install Microsoft SQL 2014 (express)**

2. **Create a new blank database. Call it whatever you like.**
3. **Add new connection string to the application. Manually insert into Web.Config file.**

4. **Run Initial Migration in the Package Manager Console.**

```
PM> enable-migrations
Checking if the context targets an existing database...
Code First Migrations enabled for project
ICT3714_ProjectDemo_45957193.
```

5. **Add the initial migration**

```
PM> Add-Migration init
```

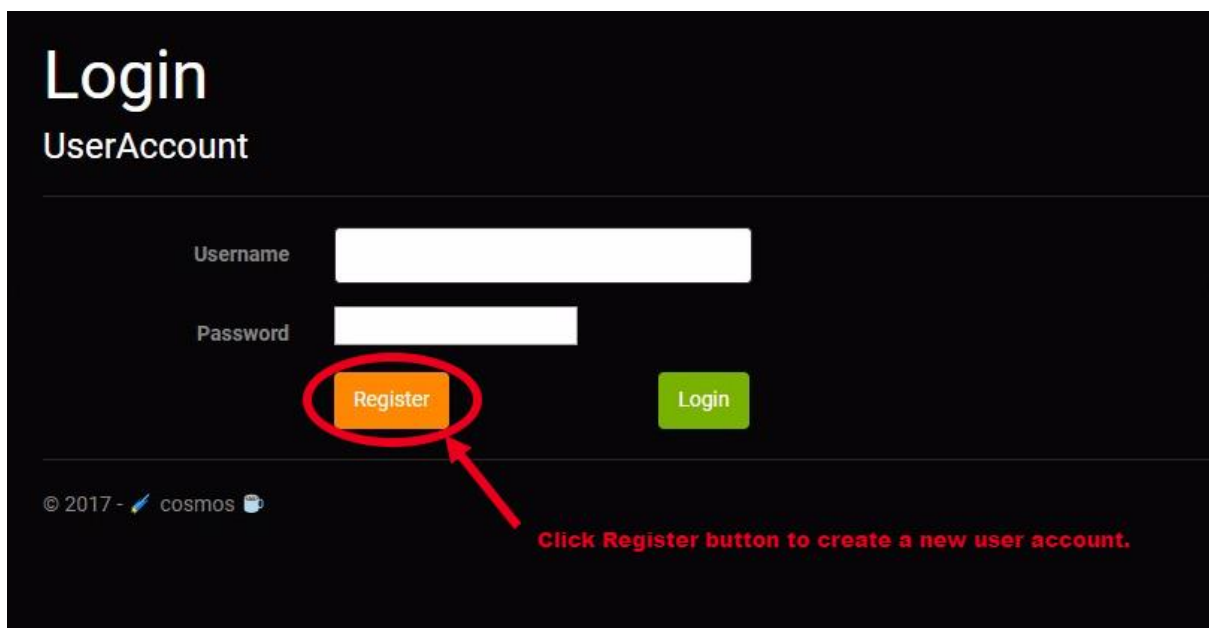
6. **run the `update-database` command. This will generate the required tables needed for our database.**
7. **Install the website on IIS Express Server to deploy the application to a production environment.**

User Guide: how to use the software.

Once the software has been installed as a network website through IIS Express, the application will be available to users on the local area network.

Access the website (web application) using the IP address assigned to the IIS server in the URL of your web browser. Providing you are on the same network, the website should load in the browser.

Step1: Register with a new user account:



The screenshot shows a web application interface for user authentication. At the top left, the text "Login" is displayed in a large, bold, white font, with "UserAccount" in a smaller white font directly below it. Below this header, there are two white input fields: the first is labeled "Username" and the second is labeled "Password". To the right of the "Password" field, there are two buttons: an orange button labeled "Register" and a green button labeled "Login". The "Register" button is circled in red, and a red arrow points from a text instruction at the bottom right to it. At the bottom left, there is a footer that reads "© 2017 - cosmos" followed by a small icon. At the bottom right, a red text instruction states: "Click Register button to create a new user account."

Fill out all the required User Account fields and click the create button to Save your new user account login details.

Register

UserAccount

FirstName	<input type="text" value="John"/>
LastName	<input type="text" value="Legend"/>
Email	<input type="text" value="JL@mailaddress.sa"/>
Username	<input type="text" value="John12"/>
Password	<input type="password" value="*****"/>
ConfirmPassword	<input type="password" value="*****"/>
Department	Select list: <input type="text" value="Consultant"/>



[Back to List](#) **Create** Click "Create" button to save new user account details.

Login

UserAccount

Username	<input type="text" value="John12"/>
Password	<input type="password" value="*****"/>

Register **Login** Click to Login

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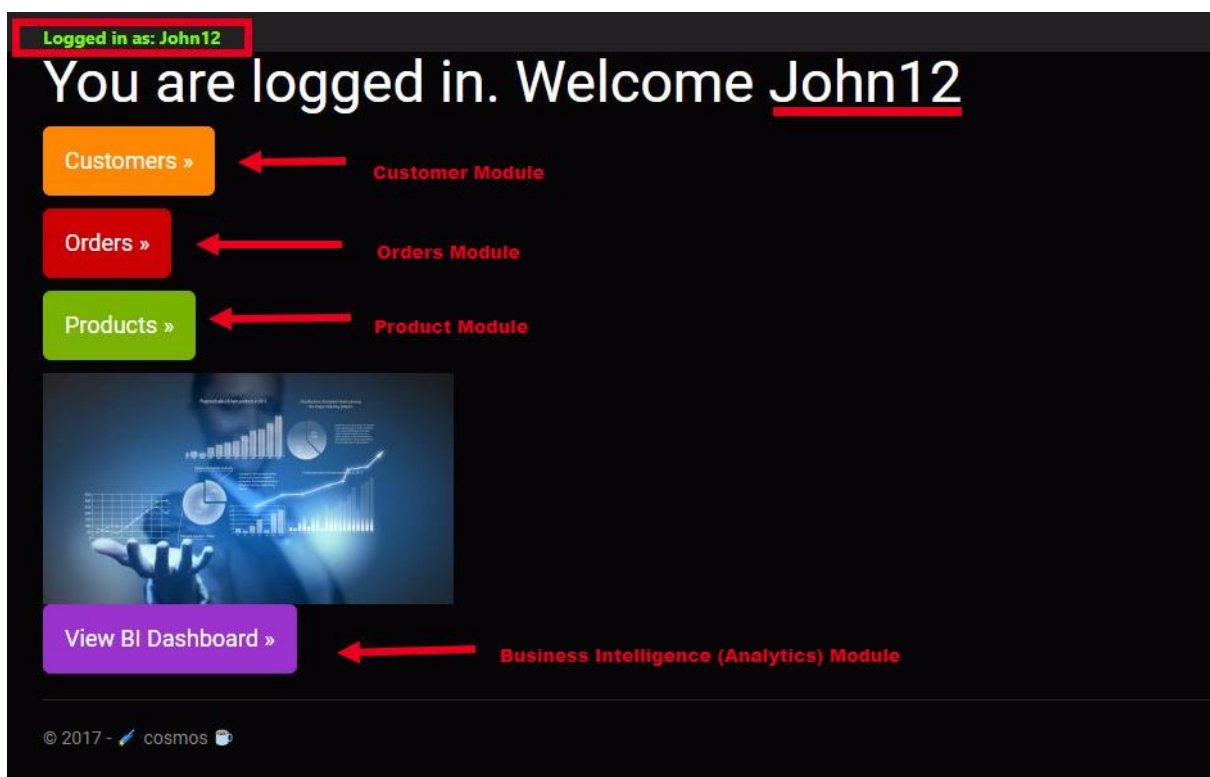
Step 2: Login

Once you have successfully created your user profile, you will be redirected to the Login screen.

Fill in your username and password and Click the “Login” button.

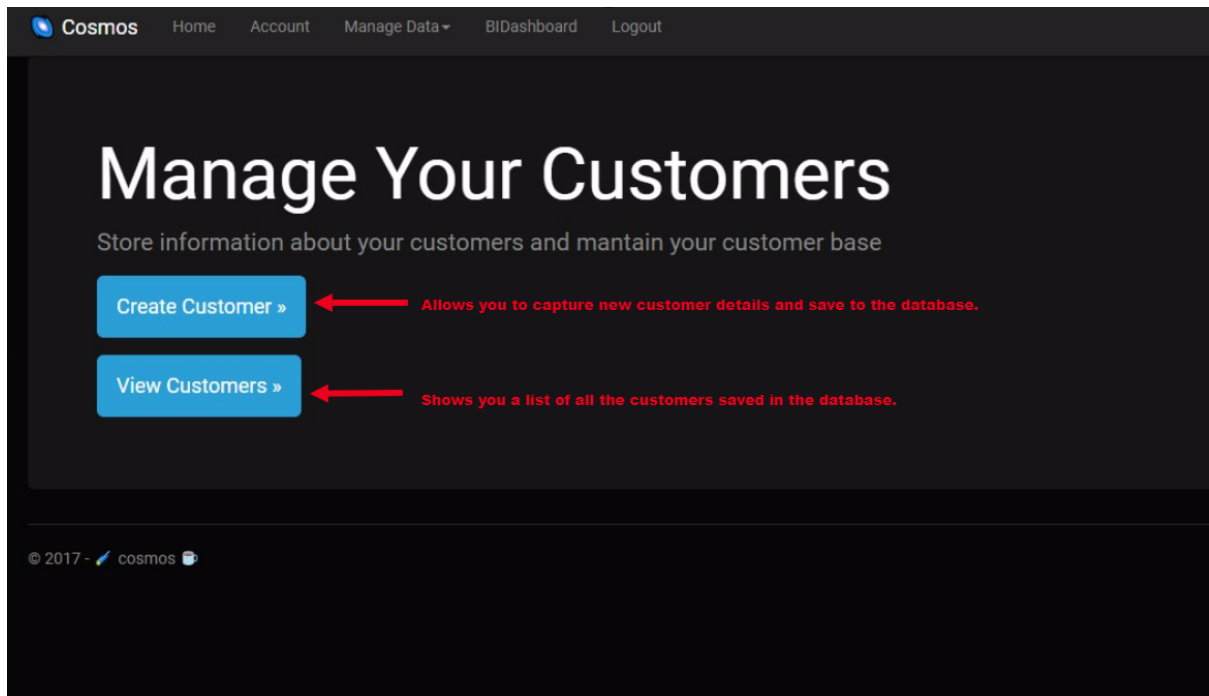
Once you are logged in, you will be taken to the LoggedIn page (User Home Page).

You can make use of easy access navigation buttons to navigate the website. Certain system modules will only be made available once a user has logged in successfully.



Step 3: Adding & Managing Customer Details

The Customer module helps you to store information about your customers with the ability to create, edit and delete customers from your data base.

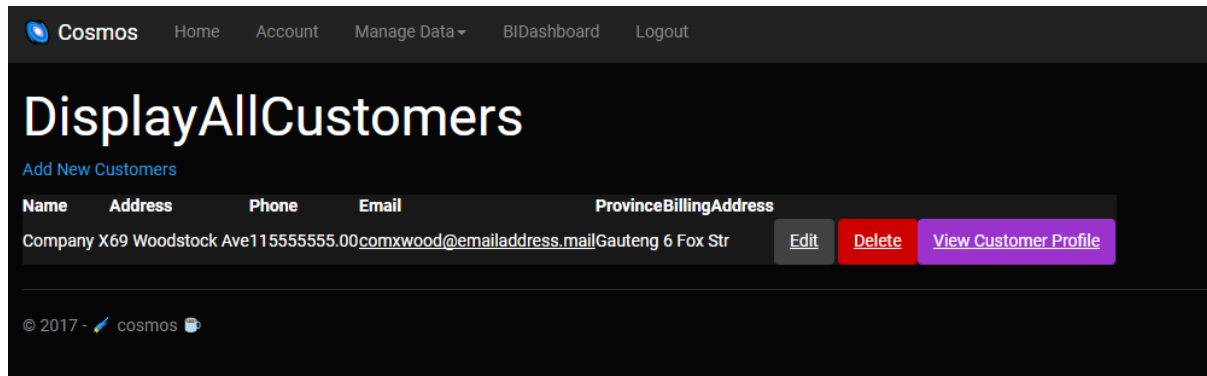


Step 4: Creating a new customer

The screenshot shows the 'CreateCustomer' form in the Cosmos application. The page has a dark background with white text. At the top, there is a navigation bar with the following links: Home, Account, Manage Data (with a dropdown arrow), BIDashboard, and Logout. The main heading is 'CreateCustomer' in a large, bold font, with 'Customer' in a smaller font below it. The form contains several input fields with labels to their left: Name (with value 'Company X'), Address (with value '69 Woodstock Ave'), Phone (with value '0115555555'), Email (with value 'comxwood@emailaddress.mail'), Province (with value 'Gauteng'), and BillingAddress (with value '6 Fox Str'). At the bottom of the form, there is an orange 'Create' button, which is circled in red. A red arrow points from the button to the text: 'Click "Create" button to save new customer to DB.' At the bottom left, there is a link: 'Back to List'.

Step 5: View All Customers

Displays a list of all customers saved in the database.

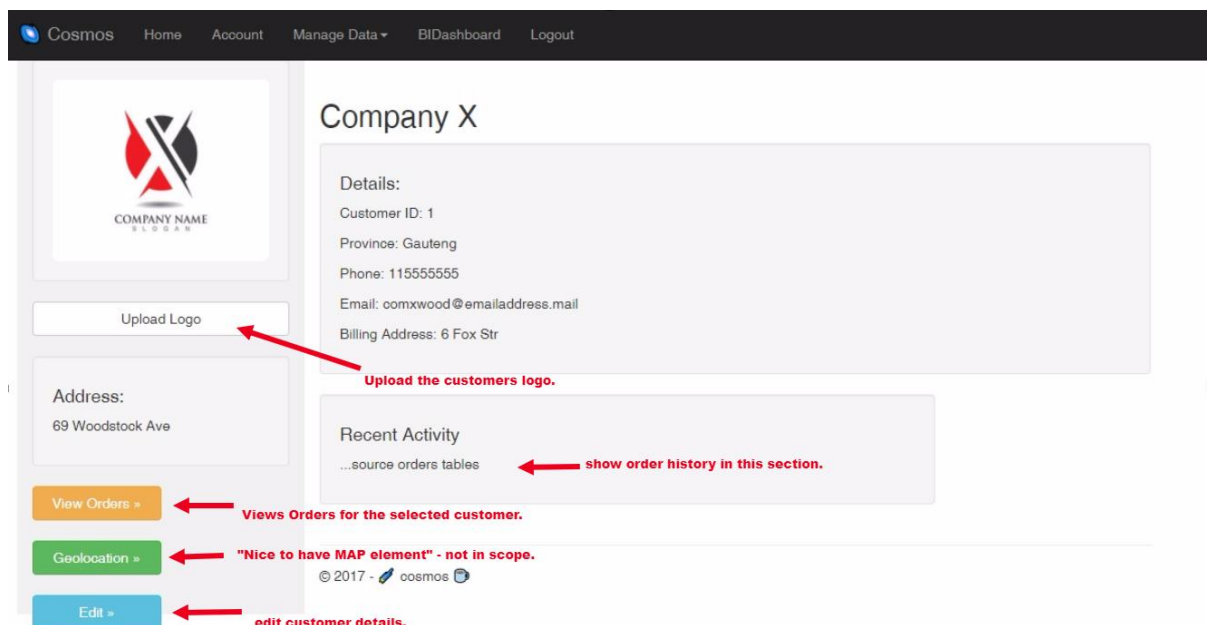


Click “Edit” to edit any customer details.

Click “Delete” to delete the customer from the database.

Click “View Customer Profile” to display the overall summary of the customer profile.

Step 6: Customer Profile Pages



Step 7: Product Module (Adding Products to the database)

You can add products or services to your database of which can be used to place in orders.

To add a product or service, navigate to the products module. Click the “Create New Product” button.

Products/Services

Manage your Products & Services

Store information about your products or services

[Create New Products »](#) Click to create new product to store in database.

ProductId	Description	
1	Apples	Edit Details Delete CRUD functions to edit products saved in database.

Fill out the product or service description and unit price thereof. Click “Create” to save the product structure to the database.

Create New Product

Description

UnitPrice

[Create](#) Click "Create" to save new product to the database.

[Back to List](#)

You should notice the new product displayed in the products list.

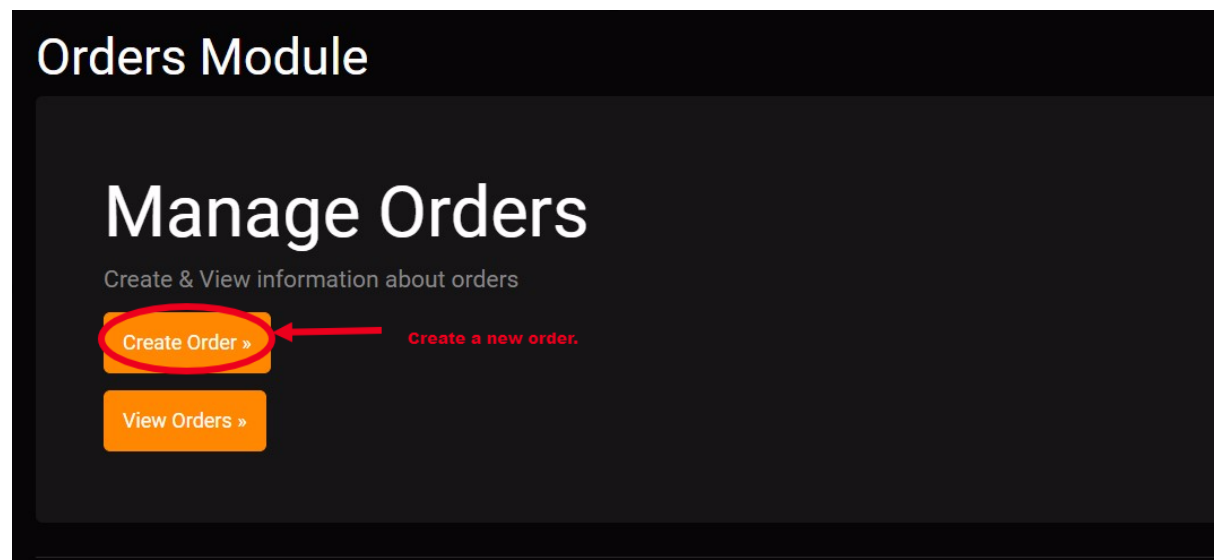
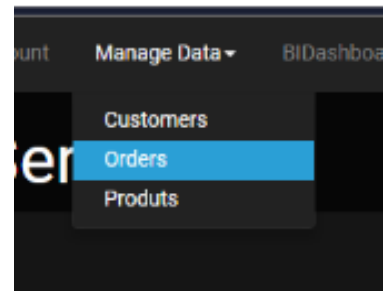
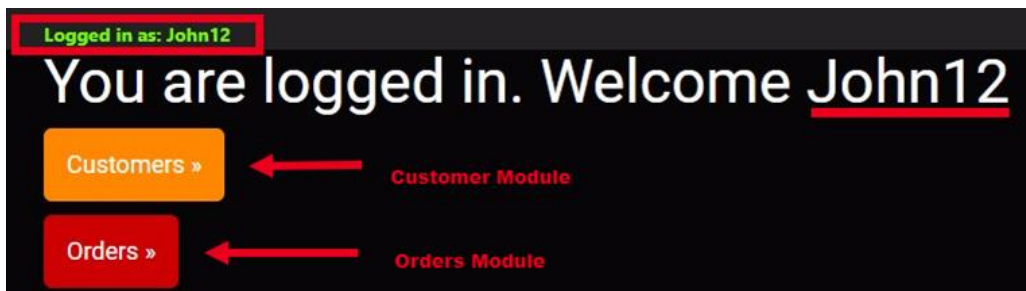
ProductId	Description	
1	Apples	Edit Details Delete
2	Laser Etched PermaFlex Barcodes	Edit Details Delete

New product displayed in list.

Step 8: Creating Orders

Once your system has successfully stored information about customers and products, order can be created and quotations generated respectively.

To navigate to the Orders module, click the Orders button, or select Manage Data -> Orders from the Navigation menu



Create

Customer Details

Customer Name ← selects customers

Sale Rep ← selects sales rep

OrderDate ← sets order date

PurchaseOrderNumber ← PO number

upload .pdf

Upload Purchase Order
 No file chosen

Upload Label Proof
 No file chosen

Create

[Back to List](#)

create the order -> redirects to order details

Step 9: Capturing Order Details

OrderDetail

Order # : 35

Product / Service

Products ← select product for order

Quantity ← select quantity

UnitPrice ← field will be generated from Product table.

Discount ← apply discount

Create Order

Create

create order details and save into database

add another item to the order.

Orders Module

Manage Orders

Create & View information about orders

Create Order »

View Orders »

Click to view Orders Table

Viewing Orders from the Order Table in the database.

Current Orders

Search:

Show 10 entries number of entries to display filter columns

Customer	Sales Rep	Order Date	PO Number	Total	Status
1	1	/Date(1502488800000)/	PO1234	0	2
1	1	/Date(1502488800000)/	PO1234	0	1
1	1	/Date(1502488800000)/	PO1234	0	1
1	1	/Date(1502488800000)/	PO1234	0	1
1	1	/Date(1502488800000)/	PO1234	0	1
1	1	/Date(1502488800000)/	PO1234	0	1
1	1	/Date(1502488800000)/	PO12342	0	2
1	1	/Date(1502488800000)/	OO444	0	1
1	1	/Date(1502488800000)/	OO444	0	8
1	1	/Date(1502488800000)/	oo33	0	3

Showing 1 to 10 of 14 entries

Previous 1 2 Next

Paging Options

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Edit links in table to edit orders, delete or update.

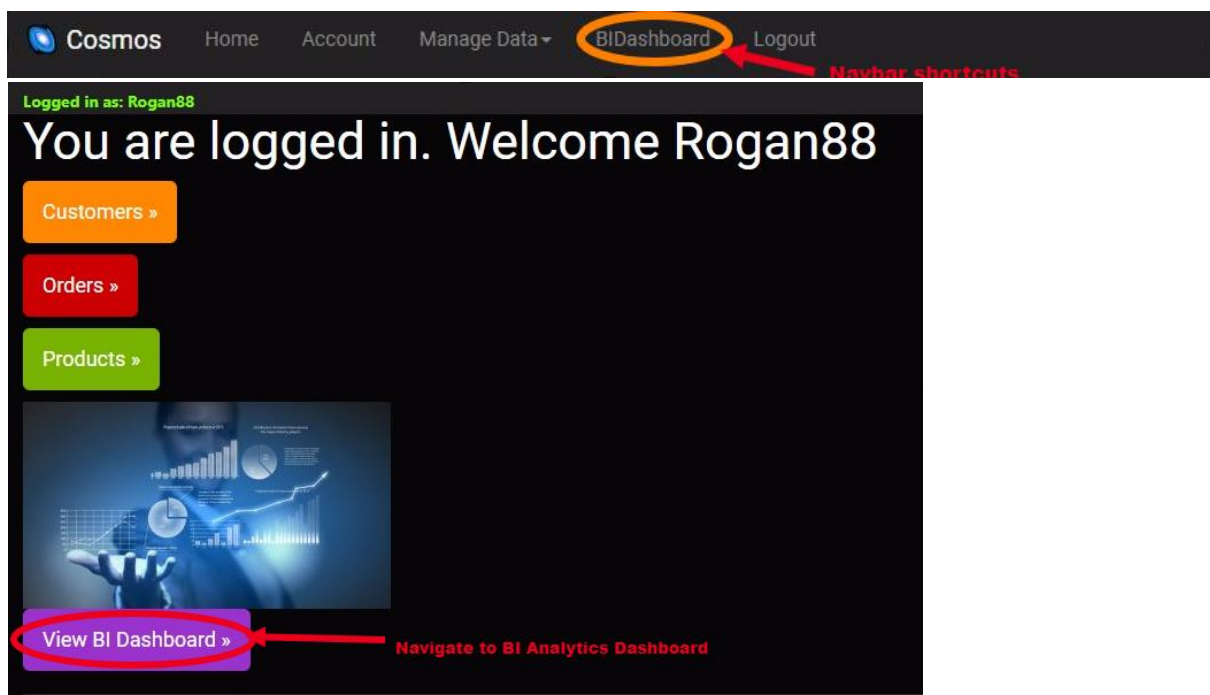
Customer	Sales Rep	Order Date	PO Number	Total	Status	PO Doc	Edit
Ann Bakery	Rogan	10/07/2017		R 62.5000	0		Edit
Bob Hardware	Rogan	22/09/2017		R 1000.0000	0		Edit
Company X	Rogan	22/09/2017	PO1124	R 2250.0000	0		Edit
Company X	Rogan	22/09/2017		R 0.0000	0		Edit
Company X	Rogan	22/09/2017		R 0.0000	0		Edit
Company X	Rogan	22/09/2017		R 0.0000	0		Edit
Company X	Rogan	22/09/2017		R 0.0000	0		Edit

Showing 1 to 7 of 7 entries

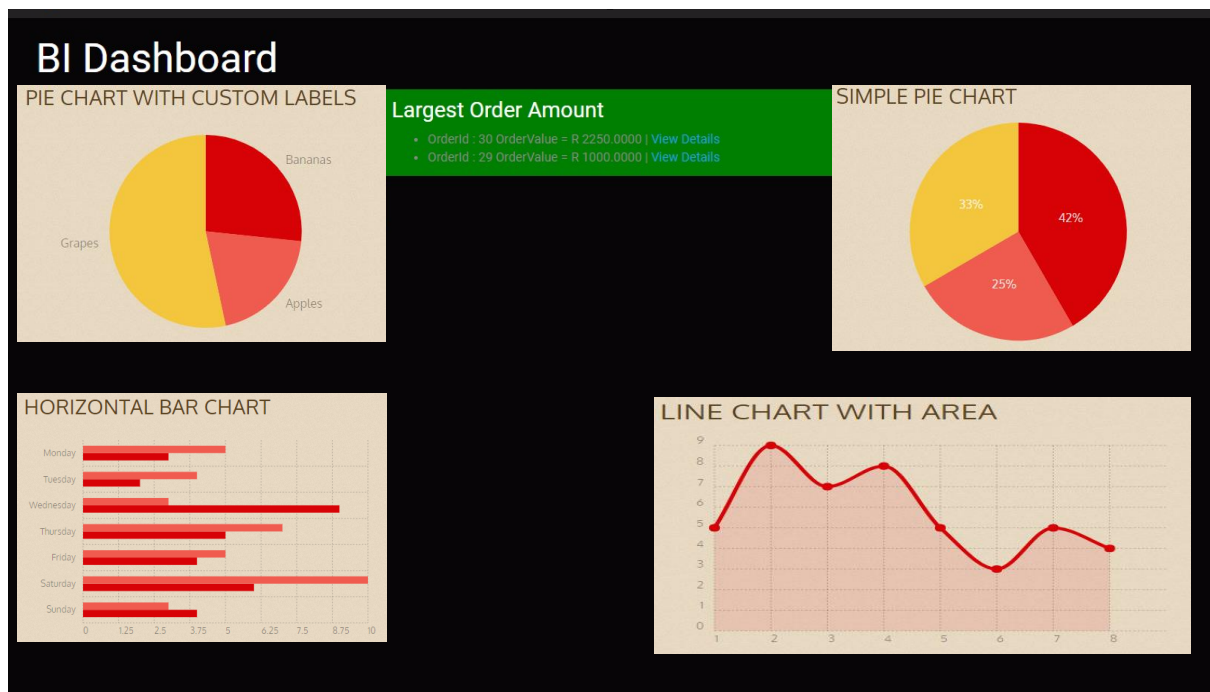
Previous 1 Next

BI Dashboard:

Use “View BI Dashboard” button on home page or use Navbar elements.



BI Dashboard: For viewing graphical element of analytic and sales data. Will display Top performing customers, products, largest orders, and other key business information.



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