

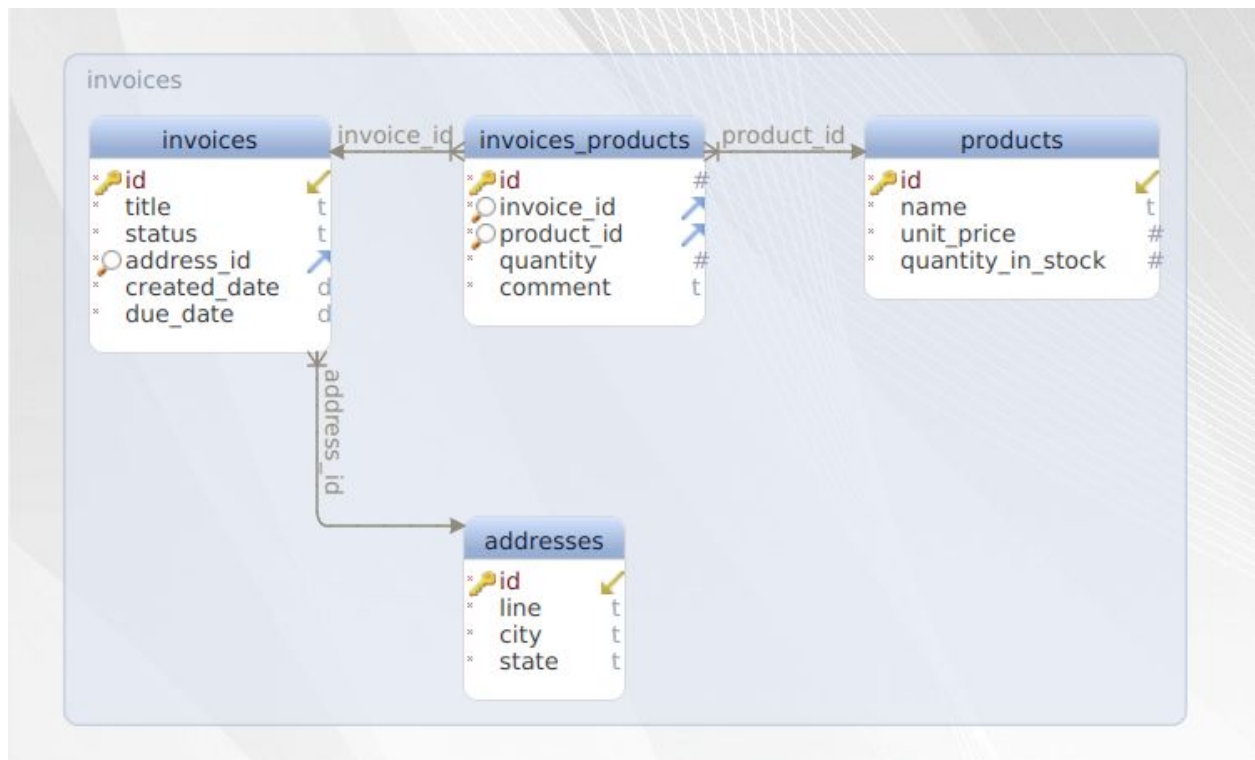
# Invoice Creator

## Summary

The goal of this task is to create a simple invoice generator where you can create a new invoice. Add products, calculate the total price of the invoice and save it in a database. We will provide the database schema along with a set dummy products.

## Database

The database schema is as below. You will find the sql dump attached to your email. Invoices and products have a m-m relationship. Each product has a quantity\_in\_stock number. A product can not be added to an invoice if its stock quantity is lower than 1



## Requirements

The invoice generator should look like the image below. We should be able to set an invoice name, due date, address and add products.

By clicking add in the products section a new row should appear with 3 columns

- **Product** - is a dropdown with the list of available products from the database. Only products with a stock quantity larger than 1 should appear
- **Quantity** - quantity of the chosen product you want to purchase
- **Description** - a description relating the product to be purchased

The image shows a web form for generating an invoice. At the top right, the word "INVOICE" is displayed in bold. Below it, there are two input fields: "Invoice" and "Due Date" (with a date picker icon). The "Due Date" field contains the placeholder text "mm/dd/yyyy". Below these fields is a section titled "Address Information" containing three input fields: "Street", "City", and "State". Below the address section is a section titled "Products". This section contains three columns: "product", "quantity", and "description". The "product" column has a dropdown menu with "Product X (50.00 \$)" selected. The "quantity" column has an input field with the value "3". The "description" column has an empty input field. Below the "Products" section is a green button labeled "+ Add". To the right of the "+ Add" button, the text "Total : 150.00 \$" is displayed. At the bottom right of the form is a green button labeled "Save".

product	quantity	description
Product X (50.00 \$)	3	

+ Add

Total : 150.00 \$

Save

Total should reflect the sum of all products taking in consideration the quantity per product.

Remember to decrease the stock quantity number in products when saving the invoice.

### **Libraries**

You can use the following libraries

- Bootstrap 4
- JQuery

### **Things to look out for**

We take into consideration these things when evaluating

- Dry Code
- Formatting and indentation
- A proper naming convention