



# Tecnológico de Monterrey

## Homework 1.1: Liverpool Data model

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**Professor:**

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**Subject:**

Advanced Database

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**ITESM Campus Puebla**

## **1. Requirements description:**

The following system is to be used at Liverpool store and its branches using a bootstrap template. The web application shows company's products, sales and stock from the database.

1. The web page has three sections: Buy, Stock and Sales.
2. The buy section allows the user to see all products in Angelopolis branch (name, department, price and an input text for quantity).
3. The Stock section allows the user to see sku attribute from the products (product id, name, department, price and sku).
4. The Sales section allows the user to see all sales done (sale id, date and time, customer name and total import).
5. The system allows to redirect the user to two different page depending on transaction statement.

## **2. Files description:**

### **2.1. Index:**

Index code that starts a PHP session. Every HTML section of the web application (buy, stock and sales) has a PHP code to make a table using MYSQL queries.

### **2.2. Buy:**

Buy page to insert data on customer, sale and sale\_product tables depending on input text fields, button and parameters on URL passed by getProductsToBuy method.

### **2.3. Error:**

Buy page redirects to error page if a transaction is not committed due to quantity is greater than stock.

### **2.4. Database:**

File with all database information to create connection with MySQL.

### **2.5. Liverpool:**

Dump of database.