GA TECH CODING BOOTCAMP

Project 2

Inventory Management Systems

Table of Contents

[Team members 3](#_Toc78824293)

[Introduction 3](#_Toc78824294)

[Problem description 3](#_Toc78824295)

[Solution 3](#_Toc78824296)

# Team members

* Franklyn Diaz
* Mason Hames
* Logon Pierce
* Wilson Sous

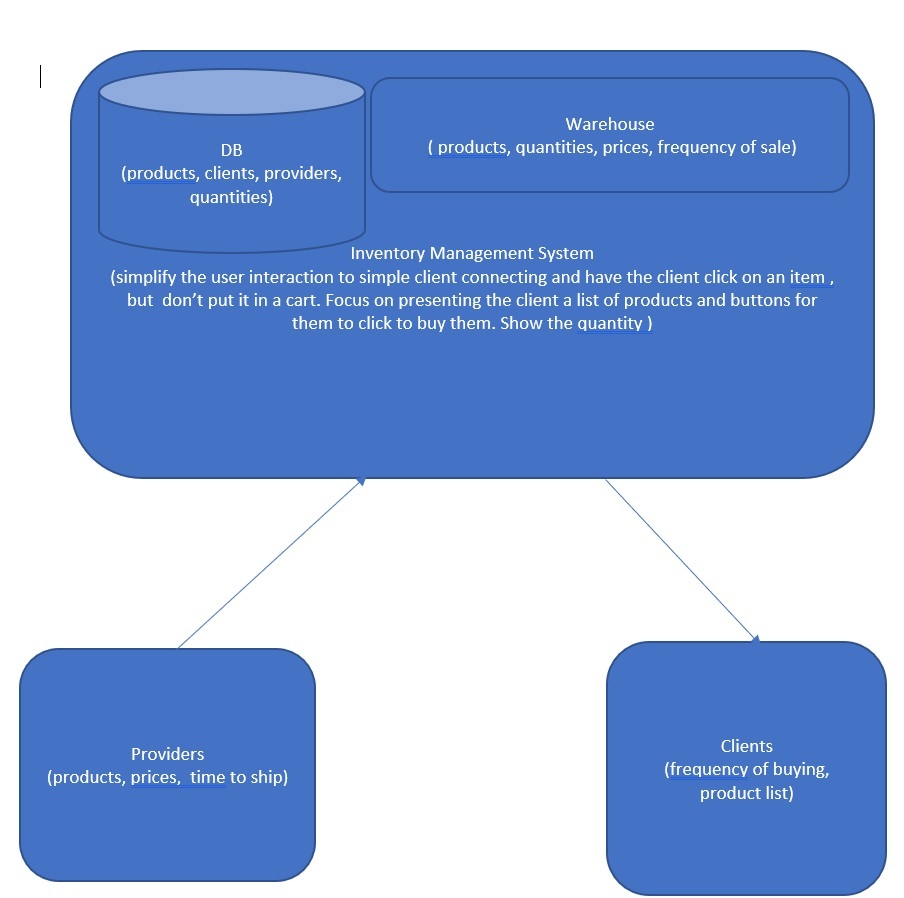
# Introduction

# Problem description

In a company there is a warehouse that is connected to the sales department. The company needs to track the inventory in the warehouse and update it according to the sales and requisition area updates

# Solution

The application we propose takes care of the inventory management and has some functionality in the sales area as well as the requisitions area (buy products).



The system will have a database containing tables for:

* Products

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| productid \* | Name | price | description | Provider1@ | Provider2@ |
| Int(autoIncr) | Char(20) | float | Char(50) | From  provider ->providerID | From  provider ->providerID |

* Customers

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Client ID\* | name | Last name | phone | address | preferred |
| Int(autoIncr) | Char (20) | char (20) | Number (10) | Char (40) | bool |

* Providers

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Provider ID\* | providerName(company) | Contact Name | phone | address |
| Int(autoIncr) | Char (20) | char (20) | Number (10) | Char (40) |

The system has these functions:

* Maintains a list of products with the quantity available
* Produces a sub list of products and the quantities to show to the client
* When a sell is finished then the inventory quantities is updated for each product sold.
* When it receives an order to buy product and the product is received (in our case order and delivery of product is immediate) then it updates the quantities in inventory of those product received in inventory.