Bibliotecnología

**Use-Case Specification:** “Agregar Venta”

**Version 1.0**

**Revision History**

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**Use-Case Specification:** “Agregar Venta”

# **Use-Case** “Agregar Venta”

## **Brief Description**

El Bibliotecario agrega la venta de un libro al sistema.

# **Flow of Events**

## **Basic Flow**

El Bibliotecario ingresa la información del cliente(ID), del libro(ISBN), y del pago al sistema.

## **Alternative Flows**

### Cliente no registrado.

El Bibliotecario registra al cliente ingresando su información(Nombre, domicilio,etc...) al sistema

### *< Second Alternative Flow >*

*[There may be, and most likely will be, a number of alternative flows in a use case. Keep each alternative flow separate to improve clarity. Using alternative flows improves the readability of the use case, as well as preventing use cases from being decomposed into hierarchies of use cases. Keep in mind that use cases are just textual descriptions, and their main purpose is to document the behavior of a system in a clear, concise, and understandable way.]*

# **Special Requirements**

*[A special requirement is typically a nonfunctional requirement that is specific to a use case, but is not easily or naturally specified in the text of the use case’s event flow. Examples of special requirements include legal and regulatory requirements, application standards, and quality attributes of the system to be built including usability, reliability, performance or supportability requirements. Additionally, other requirements⎯such as operating systems and environments, compatibility requirements, and design constraints⎯should be captured in this section.]*

## **El proyecto será desarrollado en lenguaje C#.**

## **El gestor de base de datos a utilizar será PostgreSQL.**

## **Sistema operativo Windows** 7 o posterior**.**

* 1. **Banda Ancha mínima de Internet de 5 Mb.**
  2. **Visual C++ Redistributable 2013 y posterior.**

# **Preconditions**

*[A precondition of a use case is the state of the system that must be present prior to a use case being performed.]*

## **< Precondition One >**

Al menos un cliente deberá estar registrado para poder agregar una venta.

## < Precondition Two >

Al menos un libro deberá estar registrado para poder agregar una venta.

## < Precondition Three >

El libro tendrá que ser buscado con la función buscar libro para poder agregarlo a la venta

## < Precondition Four >

Deberá existir al menos una unidad del libro para poder agregar una venta.

# **Postconditions**

*[A postcondition of a use case is a list of possible states the system can be in immediately after a use case has finished.]*

## **< Postcondition One >**

El software agregará un registro nuevo a la base de datos en la tabla ventas.

## < Postcondition One >

El software tendrá una tabla de resultados de libros, clientes y ventas actualizada a la hora de búsquedas.

# **Extension Points**

*[Extension points of the use case.]*

No aplica.

## **<Name of Extension Point>**

*[Definition of the location of the extension point in the flow of events.]*

No aplica.