Bibliotecnologia

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

**Version 1.0**

**Revision History**

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

# **Use-Case** “Agregar Prestamo”

## **Brief Description**

El Bibliotecario agrega información sobre el préstamo de un libro al sistema.

# **Flow of Events**

## **Basic Flow**

El Bibliotecario ingresa la información del cliente(ID) y del libro(ISBN) 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.**

## **Será desarrollado para el sistema operativo Windows** 7 o posterior**.**

* 1. **Conexión a internet óptima, mínimo 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 >**

Debe estar registrado al menos un cliente para poder agregar un préstamo

## < Precondition Two >

Debe estar registrado al menos un libro para poder agregar un préstamo

## < Precondition Three >

Debe buscarse el Libro con la función Buscar Libro y sea agregado a la lista del préstamo

## < Precondition Four >

Debe existir por lo menos una unidad del libro seleccionado para poder agregar un préstamo

# **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 >**

La base de datos y la búsqueda en el software de los préstamos, libros y clientes estará actualizada

# **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.