Use Case Specification Report

**Use Case Specification**

CasosDeUsosBIEN

Revision: 0.2

junio 02, 2019

Approval

|  |
| --- |
| The original of this document is approved and signed by:  Name:  Surname:  Title:  Date:  Signature: |

Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| **Revision** | **Date** | **Description** | **Author** |
| 0.1 | <date 1> | <draft> | José Luis y Andrea |
| 0.2 | <date 2> | <release> | José Luis y Andrea |

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# Introduction

## Purpose

<This Document describes Use Case Specification Report.>

## Scope

<This Document intends to describe use case specification for the system.>

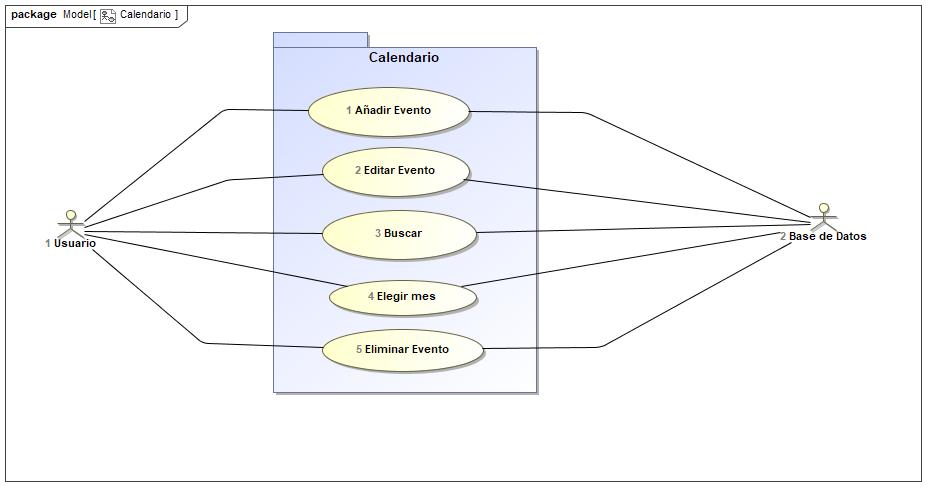
## Overview

<Describe what the document contains and explain how the document is organized.>

# Actor Summary

|  |  |
| --- | --- |
| **Primary Actor** | **Use Cases** |
| Base de Datos | * [Añadir Evento](#_b01594b031acef6bc7869ee5c14f9094)      * [Balance mensual](#_e6a2690ea87da1c8716ade3a326944f7)      * [Buscar](#_3b2d250d7f6e6451f70f3003b18c1412)      * [Buscar](#_3b2d250d7f6e6451f70f3003b18c1412)      * [Calendario de eventos](#_ae08d362e963e639874b5e9b30caf85e)      * [Cambiar divisa](#_1163b7133c9ebf34205594c7471cc027)      * [Editar Evento](#_e985c7f4a371719f9c71c35141e33652)      * [Editar información de usuario](#_719e27a0afd832aca550a520eeff0da5)      * [Editar Transacción](#_64c5d0460cc57f957bfa4bc4d40bc779)      * [Elegir mes](#_80beec97dd106160b86eae93fba5c8cb)      * [Eliminar Evento](#_2b47d8865c4cf64f02b5a28b547e01c9)      * [Eliminar Transacción](#_0a5655d233a468a5a425b3a247597b49)      * [Hoja de contactos](#_9e6f5ad255a918dc125fb246fbf01cef)      * [Nueva transacción](#_d10868527a5a3c8f35889b73087772e8)      * [Visualizar datos](#_c48c22a9ed8dc875a676e4f13b4b81e1) |
| Usuario | * [Añadir Evento](#_b01594b031acef6bc7869ee5c14f9094)      * [Balance mensual](#_e6a2690ea87da1c8716ade3a326944f7)      * [Buscar](#_3b2d250d7f6e6451f70f3003b18c1412)      * [Calendario de eventos](#_ae08d362e963e639874b5e9b30caf85e)      * [Cambiar divisa](#_1163b7133c9ebf34205594c7471cc027)      * [Editar Evento](#_e985c7f4a371719f9c71c35141e33652)      * [Editar información de usuario](#_719e27a0afd832aca550a520eeff0da5)      * [Editar Transacción](#_64c5d0460cc57f957bfa4bc4d40bc779)      * [Elegir mes](#_80beec97dd106160b86eae93fba5c8cb)      * [Eliminar Evento](#_2b47d8865c4cf64f02b5a28b547e01c9)      * [Eliminar Transacción](#_0a5655d233a468a5a425b3a247597b49)      * [Hoja de contactos](#_9e6f5ad255a918dc125fb246fbf01cef)      * [Migración de datos](#_fc45294c245b63ce2b9e2435e070ee4f)      * [Nueva transacción](#_d10868527a5a3c8f35889b73087772e8)      * [Visualizar datos](#_c48c22a9ed8dc875a676e4f13b4b81e1) |

# Use Case: Calendario Diagram



## Añadir Evento Use Case

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case Name** | Añadir Evento | ID | 1 |
| **Complexity** | Average Complexity | | |
| **Description** |  | | |
| **Actors** | * Base de Datos * Usuario | | |
| **Goal** |  | | |
| **Assumption** |  | | |
| **Non Functional Requirements** |  | | |
| **Pre Condition** | El nombre de usuario y el correo no debe estar en la base de datos | | |
| **Post Condition** |  | | |
| **Constraints** |  | | |

|  |  |
| --- | --- |
| **Relations** | |
| **Association** | * [Base de Datos](#_17b0d186ced3733008bdf30c6b9d55b5) [Actor](#_17b0d186ced3733008bdf30c6b9d55b5) * [Usuario](#_7b6ee35d3f4a093fda08ac1e3c76d4dd) [Actor](#_7b6ee35d3f4a093fda08ac1e3c76d4dd) |
| **Include** |  |
| **Extend** |  |
| **Generalization** |  |

|  |  |
| --- | --- |
| **Scenarios** | |
| **Basic Flow of Events** |  |
| **Basic Flow of Events Diagrams** |  |
| **Alternative Flow of Events** | Si el usuario ya está registrado o el correo ya está usado, el sistema te pide que pruebes con otro nombre de usuario u otro correo. |
| **Alternative Flow of Events Diagrams** |  |
| **Exceptional Flow of Events** |  |
| **Exceptional Flow of Events Diagrams** |  |

## Buscar Use Case

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case Name** | Buscar | ID | 3 |
| **Complexity** | Average Complexity | | |
| **Description** |  | | |
| **Actors** | * Base de Datos * Usuario | | |
| **Goal** |  | | |
| **Assumption** |  | | |
| **Non Functional Requirements** |  | | |
| **Pre Condition** |  | | |
| **Post Condition** |  | | |
| **Constraints** |  | | |

|  |  |
| --- | --- |
| **Relations** | |
| **Association** | * [Base de Datos](#_17b0d186ced3733008bdf30c6b9d55b5) [Actor](#_17b0d186ced3733008bdf30c6b9d55b5) * [Usuario](#_7b6ee35d3f4a093fda08ac1e3c76d4dd) [Actor](#_7b6ee35d3f4a093fda08ac1e3c76d4dd) |
| **Include** |  |
| **Extend** |  |
| **Generalization** |  |

|  |  |
| --- | --- |
| **Scenarios** | |
| **Basic Flow of Events** |  |
| **Basic Flow of Events Diagrams** |  |
| **Alternative Flow of Events** |  |
| **Alternative Flow of Events Diagrams** |  |
| **Exceptional Flow of Events** |  |
| **Exceptional Flow of Events Diagrams** |  |

## Editar Evento Use Case

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case Name** | Editar Evento | ID | 2 |
| **Complexity** | Average Complexity | | |
| **Description** |  | | |
| **Actors** | * Base de Datos * Usuario | | |
| **Goal** |  | | |
| **Assumption** |  | | |
| **Non Functional Requirements** |  | | |
| **Pre Condition** | El usuario y contraseña coinciden con la base de datos. | | |
| **Post Condition** |  | | |
| **Constraints** |  | | |

|  |  |
| --- | --- |
| **Relations** | |
| **Association** | * [Base de Datos](#_17b0d186ced3733008bdf30c6b9d55b5) [Actor](#_17b0d186ced3733008bdf30c6b9d55b5) * [Usuario](#_7b6ee35d3f4a093fda08ac1e3c76d4dd) [Actor](#_7b6ee35d3f4a093fda08ac1e3c76d4dd) |
| **Include** |  |
| **Extend** |  |
| **Generalization** |  |

|  |  |
| --- | --- |
| **Scenarios** | |
| **Basic Flow of Events** |  |
| **Basic Flow of Events Diagrams** |  |
| **Alternative Flow of Events** | Si el usuario o la contraseña no coinciden, el sistema te pide que vuelvas a introducir los datos. Si fallas 3 veces, el sistema no te deja realizar más intentos en una hora y te manda un aviso al correo vinculado a la cuenta con ese nombre de usuario. |
| **Alternative Flow of Events Diagrams** |  |
| **Exceptional Flow of Events** |  |
| **Exceptional Flow of Events Diagrams** |  |

## Elegir mes Use Case

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case Name** | Elegir mes | ID | 4 |
| **Complexity** | Average Complexity | | |
| **Description** |  | | |
| **Actors** | * Base de Datos * Usuario | | |
| **Goal** |  | | |
| **Assumption** |  | | |
| **Non Functional Requirements** |  | | |
| **Pre Condition** |  | | |
| **Post Condition** |  | | |
| **Constraints** |  | | |

|  |  |
| --- | --- |
| **Relations** | |
| **Association** | * [Base de Datos](#_17b0d186ced3733008bdf30c6b9d55b5) [Actor](#_17b0d186ced3733008bdf30c6b9d55b5) * [Usuario](#_7b6ee35d3f4a093fda08ac1e3c76d4dd) [Actor](#_7b6ee35d3f4a093fda08ac1e3c76d4dd) |
| **Include** |  |
| **Extend** |  |
| **Generalization** |  |

|  |  |
| --- | --- |
| **Scenarios** | |
| **Basic Flow of Events** |  |
| **Basic Flow of Events Diagrams** |  |
| **Alternative Flow of Events** |  |
| **Alternative Flow of Events Diagrams** |  |
| **Exceptional Flow of Events** |  |
| **Exceptional Flow of Events Diagrams** |  |

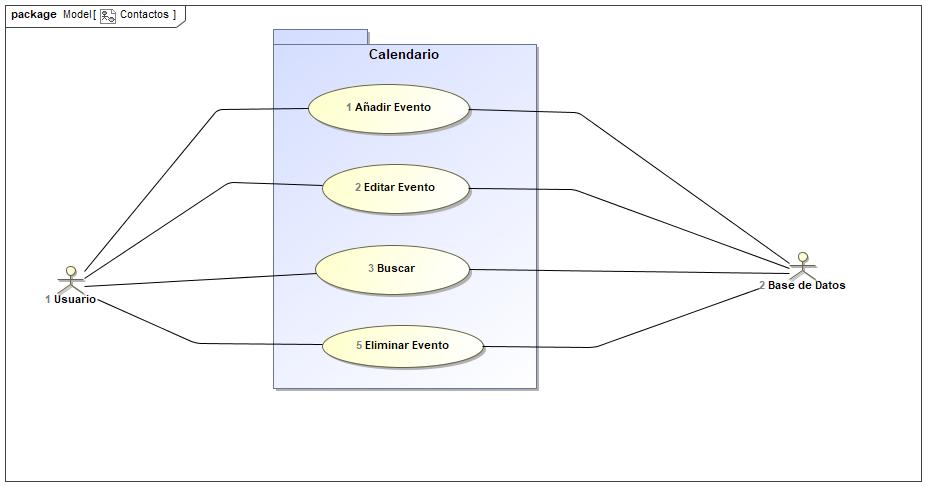
## Eliminar Evento Use Case

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case Name** | Eliminar Evento | ID | 5 |
| **Complexity** | Average Complexity | | |
| **Description** |  | | |
| **Actors** | * Base de Datos * Usuario | | |
| **Goal** |  | | |
| **Assumption** |  | | |
| **Non Functional Requirements** |  | | |
| **Pre Condition** |  | | |
| **Post Condition** |  | | |
| **Constraints** |  | | |

|  |  |
| --- | --- |
| **Relations** | |
| **Association** | * [Base de Datos](#_17b0d186ced3733008bdf30c6b9d55b5) [Actor](#_17b0d186ced3733008bdf30c6b9d55b5) * [Usuario](#_7b6ee35d3f4a093fda08ac1e3c76d4dd) [Actor](#_7b6ee35d3f4a093fda08ac1e3c76d4dd) |
| **Include** |  |
| **Extend** |  |
| **Generalization** |  |

|  |  |
| --- | --- |
| **Scenarios** | |
| **Basic Flow of Events** |  |
| **Basic Flow of Events Diagrams** |  |
| **Alternative Flow of Events** |  |
| **Alternative Flow of Events Diagrams** |  |
| **Exceptional Flow of Events** |  |
| **Exceptional Flow of Events Diagrams** |  |

# Use Case: Contactos Diagram



## Añadir Evento Use Case

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case Name** | Añadir Evento | ID | 1 |
| **Complexity** | Average Complexity | | |
| **Description** |  | | |
| **Actors** | * Base de Datos * Usuario | | |
| **Goal** |  | | |
| **Assumption** |  | | |
| **Non Functional Requirements** |  | | |
| **Pre Condition** | El nombre de usuario y el correo no debe estar en la base de datos | | |
| **Post Condition** |  | | |
| **Constraints** |  | | |

|  |  |
| --- | --- |
| **Relations** | |
| **Association** | * [Base de Datos](#_17b0d186ced3733008bdf30c6b9d55b5) [Actor](#_17b0d186ced3733008bdf30c6b9d55b5) * [Usuario](#_7b6ee35d3f4a093fda08ac1e3c76d4dd) [Actor](#_7b6ee35d3f4a093fda08ac1e3c76d4dd) |
| **Include** |  |
| **Extend** |  |
| **Generalization** |  |

|  |  |
| --- | --- |
| **Scenarios** | |
| **Basic Flow of Events** |  |
| **Basic Flow of Events Diagrams** |  |
| **Alternative Flow of Events** | Si el usuario ya está registrado o el correo ya está usado, el sistema te pide que pruebes con otro nombre de usuario u otro correo. |
| **Alternative Flow of Events Diagrams** |  |
| **Exceptional Flow of Events** |  |
| **Exceptional Flow of Events Diagrams** |  |

## Buscar Use Case

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case Name** | Buscar | ID | 3 |
| **Complexity** | Average Complexity | | |
| **Description** |  | | |
| **Actors** | * Base de Datos * Usuario | | |
| **Goal** |  | | |
| **Assumption** |  | | |
| **Non Functional Requirements** |  | | |
| **Pre Condition** |  | | |
| **Post Condition** |  | | |
| **Constraints** |  | | |

|  |  |
| --- | --- |
| **Relations** | |
| **Association** | * [Base de Datos](#_17b0d186ced3733008bdf30c6b9d55b5) [Actor](#_17b0d186ced3733008bdf30c6b9d55b5) * [Usuario](#_7b6ee35d3f4a093fda08ac1e3c76d4dd) [Actor](#_7b6ee35d3f4a093fda08ac1e3c76d4dd) |
| **Include** |  |
| **Extend** |  |
| **Generalization** |  |

|  |  |
| --- | --- |
| **Scenarios** | |
| **Basic Flow of Events** |  |
| **Basic Flow of Events Diagrams** |  |
| **Alternative Flow of Events** |  |
| **Alternative Flow of Events Diagrams** |  |
| **Exceptional Flow of Events** |  |
| **Exceptional Flow of Events Diagrams** |  |

## Editar Evento Use Case

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case Name** | Editar Evento | ID | 2 |
| **Complexity** | Average Complexity | | |
| **Description** |  | | |
| **Actors** | * Base de Datos * Usuario | | |
| **Goal** |  | | |
| **Assumption** |  | | |
| **Non Functional Requirements** |  | | |
| **Pre Condition** | El usuario y contraseña coinciden con la base de datos. | | |
| **Post Condition** |  | | |
| **Constraints** |  | | |

|  |  |
| --- | --- |
| **Relations** | |
| **Association** | * [Base de Datos](#_17b0d186ced3733008bdf30c6b9d55b5) [Actor](#_17b0d186ced3733008bdf30c6b9d55b5) * [Usuario](#_7b6ee35d3f4a093fda08ac1e3c76d4dd) [Actor](#_7b6ee35d3f4a093fda08ac1e3c76d4dd) |
| **Include** |  |
| **Extend** |  |
| **Generalization** |  |

|  |  |
| --- | --- |
| **Scenarios** | |
| **Basic Flow of Events** |  |
| **Basic Flow of Events Diagrams** |  |
| **Alternative Flow of Events** | Si el usuario o la contraseña no coinciden, el sistema te pide que vuelvas a introducir los datos. Si fallas 3 veces, el sistema no te deja realizar más intentos en una hora y te manda un aviso al correo vinculado a la cuenta con ese nombre de usuario. |
| **Alternative Flow of Events Diagrams** |  |
| **Exceptional Flow of Events** |  |
| **Exceptional Flow of Events Diagrams** |  |

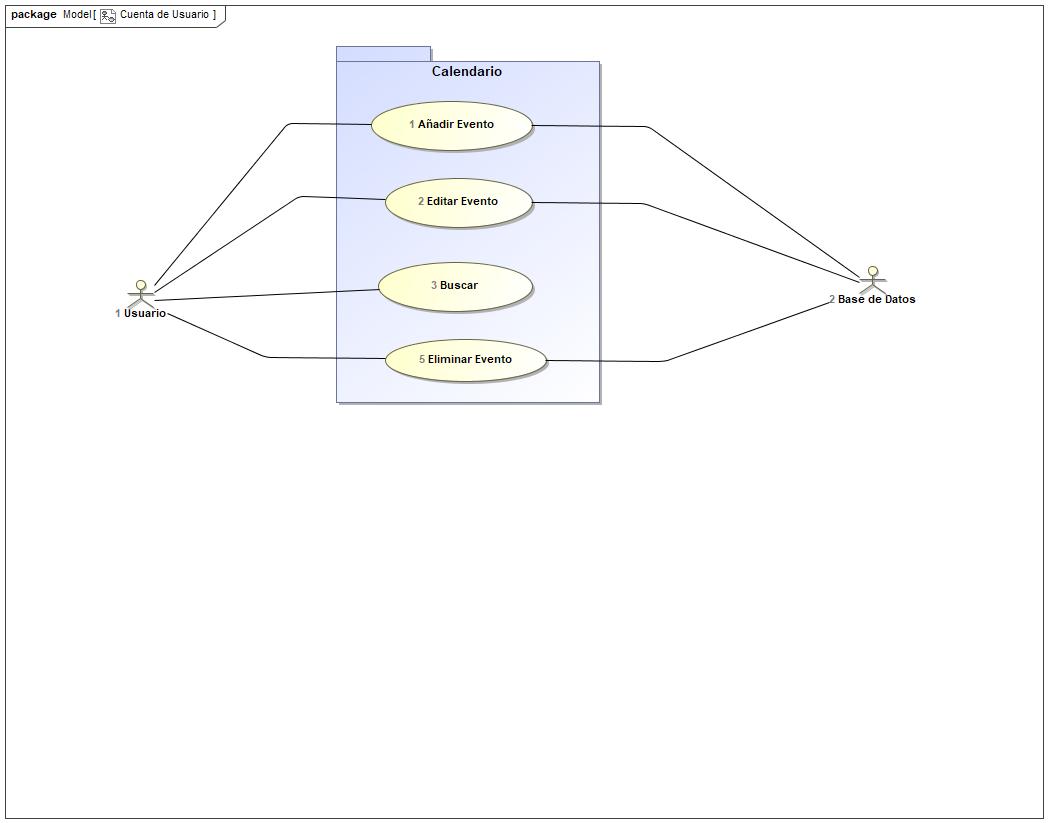
## Eliminar Evento Use Case

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case Name** | Eliminar Evento | ID | 5 |
| **Complexity** | Average Complexity | | |
| **Description** |  | | |
| **Actors** | * Base de Datos * Usuario | | |
| **Goal** |  | | |
| **Assumption** |  | | |
| **Non Functional Requirements** |  | | |
| **Pre Condition** |  | | |
| **Post Condition** |  | | |
| **Constraints** |  | | |

|  |  |
| --- | --- |
| **Relations** | |
| **Association** | * [Base de Datos](#_17b0d186ced3733008bdf30c6b9d55b5) [Actor](#_17b0d186ced3733008bdf30c6b9d55b5) * [Usuario](#_7b6ee35d3f4a093fda08ac1e3c76d4dd) [Actor](#_7b6ee35d3f4a093fda08ac1e3c76d4dd) |
| **Include** |  |
| **Extend** |  |
| **Generalization** |  |

|  |  |
| --- | --- |
| **Scenarios** | |
| **Basic Flow of Events** |  |
| **Basic Flow of Events Diagrams** |  |
| **Alternative Flow of Events** |  |
| **Alternative Flow of Events Diagrams** |  |
| **Exceptional Flow of Events** |  |
| **Exceptional Flow of Events Diagrams** |  |

# Use Case: Cuenta de Usuario Diagram



## Añadir Evento Use Case

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case Name** | Añadir Evento | ID | 1 |
| **Complexity** | Average Complexity | | |
| **Description** |  | | |
| **Actors** | * Base de Datos * Usuario | | |
| **Goal** |  | | |
| **Assumption** |  | | |
| **Non Functional Requirements** |  | | |
| **Pre Condition** | El nombre de usuario y el correo no debe estar en la base de datos | | |
| **Post Condition** |  | | |
| **Constraints** |  | | |

|  |  |
| --- | --- |
| **Relations** | |
| **Association** | * [Base de Datos](#_17b0d186ced3733008bdf30c6b9d55b5) [Actor](#_17b0d186ced3733008bdf30c6b9d55b5) * [Usuario](#_7b6ee35d3f4a093fda08ac1e3c76d4dd) [Actor](#_7b6ee35d3f4a093fda08ac1e3c76d4dd) |
| **Include** |  |
| **Extend** |  |
| **Generalization** |  |

|  |  |
| --- | --- |
| **Scenarios** | |
| **Basic Flow of Events** |  |
| **Basic Flow of Events Diagrams** |  |
| **Alternative Flow of Events** | Si el usuario ya está registrado o el correo ya está usado, el sistema te pide que pruebes con otro nombre de usuario u otro correo. |
| **Alternative Flow of Events Diagrams** |  |
| **Exceptional Flow of Events** |  |
| **Exceptional Flow of Events Diagrams** |  |

## Buscar Use Case

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case Name** | Buscar | ID | 3 |
| **Complexity** | Average Complexity | | |
| **Description** |  | | |
| **Actors** | * Base de Datos * Usuario | | |
| **Goal** |  | | |
| **Assumption** |  | | |
| **Non Functional Requirements** |  | | |
| **Pre Condition** |  | | |
| **Post Condition** |  | | |
| **Constraints** |  | | |

|  |  |
| --- | --- |
| **Relations** | |
| **Association** | * [Base de Datos](#_17b0d186ced3733008bdf30c6b9d55b5) [Actor](#_17b0d186ced3733008bdf30c6b9d55b5) * [Usuario](#_7b6ee35d3f4a093fda08ac1e3c76d4dd) [Actor](#_7b6ee35d3f4a093fda08ac1e3c76d4dd) |
| **Include** |  |
| **Extend** |  |
| **Generalization** |  |

|  |  |
| --- | --- |
| **Scenarios** | |
| **Basic Flow of Events** |  |
| **Basic Flow of Events Diagrams** |  |
| **Alternative Flow of Events** |  |
| **Alternative Flow of Events Diagrams** |  |
| **Exceptional Flow of Events** |  |
| **Exceptional Flow of Events Diagrams** |  |

## Editar Evento Use Case

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case Name** | Editar Evento | ID | 2 |
| **Complexity** | Average Complexity | | |
| **Description** |  | | |
| **Actors** | * Base de Datos * Usuario | | |
| **Goal** |  | | |
| **Assumption** |  | | |
| **Non Functional Requirements** |  | | |
| **Pre Condition** | El usuario y contraseña coinciden con la base de datos. | | |
| **Post Condition** |  | | |
| **Constraints** |  | | |

|  |  |
| --- | --- |
| **Relations** | |
| **Association** | * [Base de Datos](#_17b0d186ced3733008bdf30c6b9d55b5) [Actor](#_17b0d186ced3733008bdf30c6b9d55b5) * [Usuario](#_7b6ee35d3f4a093fda08ac1e3c76d4dd) [Actor](#_7b6ee35d3f4a093fda08ac1e3c76d4dd) |
| **Include** |  |
| **Extend** |  |
| **Generalization** |  |

|  |  |
| --- | --- |
| **Scenarios** | |
| **Basic Flow of Events** |  |
| **Basic Flow of Events Diagrams** |  |
| **Alternative Flow of Events** | Si el usuario o la contraseña no coinciden, el sistema te pide que vuelvas a introducir los datos. Si fallas 3 veces, el sistema no te deja realizar más intentos en una hora y te manda un aviso al correo vinculado a la cuenta con ese nombre de usuario. |
| **Alternative Flow of Events Diagrams** |  |
| **Exceptional Flow of Events** |  |
| **Exceptional Flow of Events Diagrams** |  |

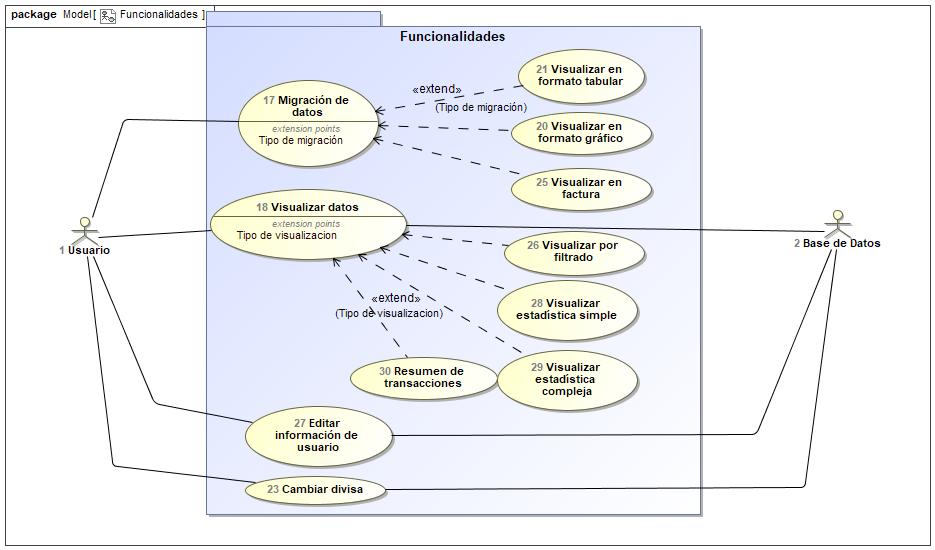
## Eliminar Evento Use Case

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case Name** | Eliminar Evento | ID | 5 |
| **Complexity** | Average Complexity | | |
| **Description** |  | | |
| **Actors** | * Base de Datos * Usuario | | |
| **Goal** |  | | |
| **Assumption** |  | | |
| **Non Functional Requirements** |  | | |
| **Pre Condition** |  | | |
| **Post Condition** |  | | |
| **Constraints** |  | | |

|  |  |
| --- | --- |
| **Relations** | |
| **Association** | * [Base de Datos](#_17b0d186ced3733008bdf30c6b9d55b5) [Actor](#_17b0d186ced3733008bdf30c6b9d55b5) * [Usuario](#_7b6ee35d3f4a093fda08ac1e3c76d4dd) [Actor](#_7b6ee35d3f4a093fda08ac1e3c76d4dd) |
| **Include** |  |
| **Extend** |  |
| **Generalization** |  |

|  |  |
| --- | --- |
| **Scenarios** | |
| **Basic Flow of Events** |  |
| **Basic Flow of Events Diagrams** |  |
| **Alternative Flow of Events** |  |
| **Alternative Flow of Events Diagrams** |  |
| **Exceptional Flow of Events** |  |
| **Exceptional Flow of Events Diagrams** |  |

# Use Case: Funcionalidades Diagram



## Cambiar divisa Use Case

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case Name** | Cambiar divisa | ID | 23 |
| **Complexity** | Average Complexity | | |
| **Description** |  | | |
| **Actors** | * Base de Datos * Usuario | | |
| **Goal** |  | | |
| **Assumption** |  | | |
| **Non Functional Requirements** |  | | |
| **Pre Condition** |  | | |
| **Post Condition** |  | | |
| **Constraints** |  | | |

|  |  |
| --- | --- |
| **Relations** | |
| **Association** | * [Base de Datos](#_17b0d186ced3733008bdf30c6b9d55b5) [Actor](#_17b0d186ced3733008bdf30c6b9d55b5) * [Usuario](#_7b6ee35d3f4a093fda08ac1e3c76d4dd) [Actor](#_7b6ee35d3f4a093fda08ac1e3c76d4dd) |
| **Include** |  |
| **Extend** |  |
| **Generalization** |  |

|  |  |
| --- | --- |
| **Scenarios** | |
| **Basic Flow of Events** |  |
| **Basic Flow of Events Diagrams** |  |
| **Alternative Flow of Events** |  |
| **Alternative Flow of Events Diagrams** |  |
| **Exceptional Flow of Events** |  |
| **Exceptional Flow of Events Diagrams** |  |

## Editar información de usuario Use Case

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case Name** | Editar información de usuario | ID | 27 |
| **Complexity** | Average Complexity | | |
| **Description** |  | | |
| **Actors** | * Base de Datos * Usuario | | |
| **Goal** |  | | |
| **Assumption** |  | | |
| **Non Functional Requirements** |  | | |
| **Pre Condition** |  | | |
| **Post Condition** |  | | |
| **Constraints** |  | | |

|  |  |
| --- | --- |
| **Relations** | |
| **Association** | * [Base de Datos](#_17b0d186ced3733008bdf30c6b9d55b5) [Actor](#_17b0d186ced3733008bdf30c6b9d55b5) * [Usuario](#_7b6ee35d3f4a093fda08ac1e3c76d4dd) [Actor](#_7b6ee35d3f4a093fda08ac1e3c76d4dd) |
| **Include** |  |
| **Extend** |  |
| **Generalization** |  |

|  |  |
| --- | --- |
| **Scenarios** | |
| **Basic Flow of Events** |  |
| **Basic Flow of Events Diagrams** |  |
| **Alternative Flow of Events** |  |
| **Alternative Flow of Events Diagrams** |  |
| **Exceptional Flow of Events** |  |
| **Exceptional Flow of Events Diagrams** |  |

## Migración de datos Use Case

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case Name** | Migración de datos | ID | 17 |
| **Complexity** | Average Complexity | | |
| **Description** |  | | |
| **Actors** | * Usuario | | |
| **Goal** |  | | |
| **Assumption** |  | | |
| **Non Functional Requirements** |  | | |
| **Pre Condition** |  | | |
| **Post Condition** |  | | |
| **Constraints** |  | | |

|  |  |
| --- | --- |
| **Relations** | |
| **Association** | * [Usuario](#_7b6ee35d3f4a093fda08ac1e3c76d4dd) [Actor](#_7b6ee35d3f4a093fda08ac1e3c76d4dd) |
| **Include** |  |
| **Extend** |  |
| **Generalization** |  |

|  |  |
| --- | --- |
| **Scenarios** | |
| **Basic Flow of Events** |  |
| **Basic Flow of Events Diagrams** |  |
| **Alternative Flow of Events** |  |
| **Alternative Flow of Events Diagrams** |  |
| **Exceptional Flow of Events** |  |
| **Exceptional Flow of Events Diagrams** |  |

## Resumen de transacciones Use Case

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case Name** | Resumen de transacciones | ID | 30 |
| **Complexity** | Average Complexity | | |
| **Description** |  | | |
| **Actors** |  | | |
| **Goal** |  | | |
| **Assumption** |  | | |
| **Non Functional Requirements** |  | | |
| **Pre Condition** |  | | |
| **Post Condition** |  | | |
| **Constraints** |  | | |

|  |  |
| --- | --- |
| **Relations** | |
| **Association** |  |
| **Include** |  |
| **Extend** | * [Visualizar datos](#_c48c22a9ed8dc875a676e4f13b4b81e1) [UseCase](#_c48c22a9ed8dc875a676e4f13b4b81e1) |
| **Generalization** |  |

|  |  |
| --- | --- |
| **Scenarios** | |
| **Basic Flow of Events** |  |
| **Basic Flow of Events Diagrams** |  |
| **Alternative Flow of Events** |  |
| **Alternative Flow of Events Diagrams** |  |
| **Exceptional Flow of Events** |  |
| **Exceptional Flow of Events Diagrams** |  |

## Visualizar datos Use Case

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case Name** | Visualizar datos | ID | 18 |
| **Complexity** | Average Complexity | | |
| **Description** |  | | |
| **Actors** | * Base de Datos * Usuario | | |
| **Goal** |  | | |
| **Assumption** |  | | |
| **Non Functional Requirements** |  | | |
| **Pre Condition** |  | | |
| **Post Condition** |  | | |
| **Constraints** |  | | |

|  |  |
| --- | --- |
| **Relations** | |
| **Association** | * [Base de Datos](#_17b0d186ced3733008bdf30c6b9d55b5) [Actor](#_17b0d186ced3733008bdf30c6b9d55b5) * [Usuario](#_7b6ee35d3f4a093fda08ac1e3c76d4dd) [Actor](#_7b6ee35d3f4a093fda08ac1e3c76d4dd) |
| **Include** |  |
| **Extend** |  |
| **Generalization** |  |

|  |  |
| --- | --- |
| **Scenarios** | |
| **Basic Flow of Events** |  |
| **Basic Flow of Events Diagrams** |  |
| **Alternative Flow of Events** |  |
| **Alternative Flow of Events Diagrams** |  |
| **Exceptional Flow of Events** |  |
| **Exceptional Flow of Events Diagrams** |  |

## Visualizar en factura Use Case

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case Name** | Visualizar en factura | ID | 25 |
| **Complexity** | Average Complexity | | |
| **Description** |  | | |
| **Actors** |  | | |
| **Goal** |  | | |
| **Assumption** |  | | |
| **Non Functional Requirements** |  | | |
| **Pre Condition** |  | | |
| **Post Condition** |  | | |
| **Constraints** |  | | |

|  |  |
| --- | --- |
| **Relations** | |
| **Association** |  |
| **Include** |  |
| **Extend** | * [Migración de datos](#_fc45294c245b63ce2b9e2435e070ee4f) [UseCase](#_fc45294c245b63ce2b9e2435e070ee4f) |
| **Generalization** |  |

|  |  |
| --- | --- |
| **Scenarios** | |
| **Basic Flow of Events** |  |
| **Basic Flow of Events Diagrams** |  |
| **Alternative Flow of Events** |  |
| **Alternative Flow of Events Diagrams** |  |
| **Exceptional Flow of Events** |  |
| **Exceptional Flow of Events Diagrams** |  |

## Visualizar en formato gráfico Use Case

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case Name** | Visualizar en formato gráfico | ID | 20 |
| **Complexity** | Average Complexity | | |
| **Description** |  | | |
| **Actors** |  | | |
| **Goal** |  | | |
| **Assumption** |  | | |
| **Non Functional Requirements** |  | | |
| **Pre Condition** |  | | |
| **Post Condition** |  | | |
| **Constraints** |  | | |

|  |  |
| --- | --- |
| **Relations** | |
| **Association** |  |
| **Include** |  |
| **Extend** | * [Migración de datos](#_fc45294c245b63ce2b9e2435e070ee4f) [UseCase](#_fc45294c245b63ce2b9e2435e070ee4f) |
| **Generalization** |  |

|  |  |
| --- | --- |
| **Scenarios** | |
| **Basic Flow of Events** |  |
| **Basic Flow of Events Diagrams** |  |
| **Alternative Flow of Events** |  |
| **Alternative Flow of Events Diagrams** |  |
| **Exceptional Flow of Events** |  |
| **Exceptional Flow of Events Diagrams** |  |

## Visualizar en formato tabular Use Case

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case Name** | Visualizar en formato tabular | ID | 21 |
| **Complexity** | Average Complexity | | |
| **Description** |  | | |
| **Actors** |  | | |
| **Goal** |  | | |
| **Assumption** |  | | |
| **Non Functional Requirements** |  | | |
| **Pre Condition** |  | | |
| **Post Condition** |  | | |
| **Constraints** |  | | |

|  |  |
| --- | --- |
| **Relations** | |
| **Association** |  |
| **Include** |  |
| **Extend** | * [Migración de datos](#_fc45294c245b63ce2b9e2435e070ee4f) [UseCase](#_fc45294c245b63ce2b9e2435e070ee4f) |
| **Generalization** |  |

|  |  |
| --- | --- |
| **Scenarios** | |
| **Basic Flow of Events** |  |
| **Basic Flow of Events Diagrams** |  |
| **Alternative Flow of Events** |  |
| **Alternative Flow of Events Diagrams** |  |
| **Exceptional Flow of Events** |  |
| **Exceptional Flow of Events Diagrams** |  |

## Visualizar estadística compleja Use Case

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case Name** | Visualizar estadística compleja | ID | 29 |
| **Complexity** | Average Complexity | | |
| **Description** |  | | |
| **Actors** |  | | |
| **Goal** |  | | |
| **Assumption** |  | | |
| **Non Functional Requirements** |  | | |
| **Pre Condition** |  | | |
| **Post Condition** |  | | |
| **Constraints** |  | | |

|  |  |
| --- | --- |
| **Relations** | |
| **Association** |  |
| **Include** |  |
| **Extend** | * [Visualizar datos](#_c48c22a9ed8dc875a676e4f13b4b81e1) [UseCase](#_c48c22a9ed8dc875a676e4f13b4b81e1) |
| **Generalization** |  |

|  |  |
| --- | --- |
| **Scenarios** | |
| **Basic Flow of Events** |  |
| **Basic Flow of Events Diagrams** |  |
| **Alternative Flow of Events** |  |
| **Alternative Flow of Events Diagrams** |  |
| **Exceptional Flow of Events** |  |
| **Exceptional Flow of Events Diagrams** |  |

## Visualizar estadística simple Use Case

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case Name** | Visualizar estadística simple | ID | 28 |
| **Complexity** | Average Complexity | | |
| **Description** |  | | |
| **Actors** |  | | |
| **Goal** |  | | |
| **Assumption** |  | | |
| **Non Functional Requirements** |  | | |
| **Pre Condition** |  | | |
| **Post Condition** |  | | |
| **Constraints** |  | | |

|  |  |
| --- | --- |
| **Relations** | |
| **Association** |  |
| **Include** |  |
| **Extend** | * [Visualizar datos](#_c48c22a9ed8dc875a676e4f13b4b81e1) [UseCase](#_c48c22a9ed8dc875a676e4f13b4b81e1) |
| **Generalization** |  |

|  |  |
| --- | --- |
| **Scenarios** | |
| **Basic Flow of Events** |  |
| **Basic Flow of Events Diagrams** |  |
| **Alternative Flow of Events** |  |
| **Alternative Flow of Events Diagrams** |  |
| **Exceptional Flow of Events** |  |
| **Exceptional Flow of Events Diagrams** |  |

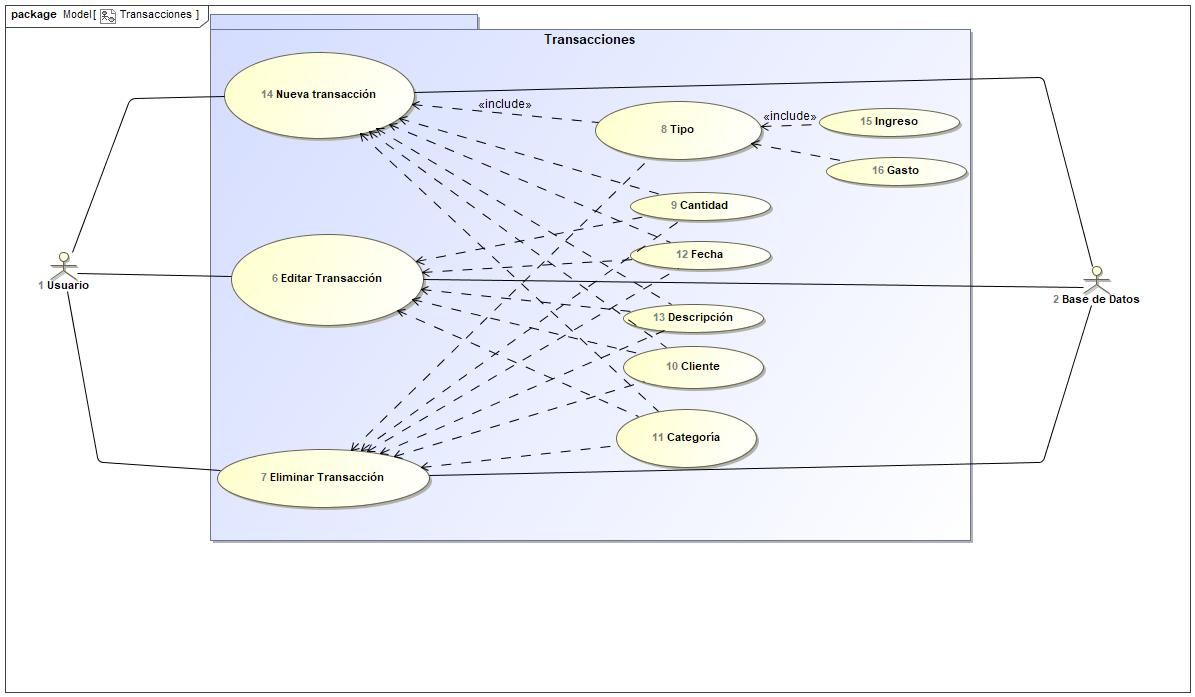
## Visualizar por filtrado Use Case

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case Name** | Visualizar por filtrado | ID | 26 |
| **Complexity** | Average Complexity | | |
| **Description** |  | | |
| **Actors** |  | | |
| **Goal** |  | | |
| **Assumption** |  | | |
| **Non Functional Requirements** |  | | |
| **Pre Condition** |  | | |
| **Post Condition** |  | | |
| **Constraints** |  | | |

|  |  |
| --- | --- |
| **Relations** | |
| **Association** |  |
| **Include** |  |
| **Extend** | * [Visualizar datos](#_c48c22a9ed8dc875a676e4f13b4b81e1) [UseCase](#_c48c22a9ed8dc875a676e4f13b4b81e1) |
| **Generalization** |  |

|  |  |
| --- | --- |
| **Scenarios** | |
| **Basic Flow of Events** |  |
| **Basic Flow of Events Diagrams** |  |
| **Alternative Flow of Events** |  |
| **Alternative Flow of Events Diagrams** |  |
| **Exceptional Flow of Events** |  |
| **Exceptional Flow of Events Diagrams** |  |

# Use Case: Transacciones Diagram



## Cantidad Use Case

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case Name** | Cantidad | ID | 9 |
| **Complexity** | Average Complexity | | |
| **Description** |  | | |
| **Actors** |  | | |
| **Goal** |  | | |
| **Assumption** |  | | |
| **Non Functional Requirements** |  | | |
| **Pre Condition** |  | | |
| **Post Condition** |  | | |
| **Constraints** |  | | |

|  |  |
| --- | --- |
| **Relations** | |
| **Association** |  |
| **Include** | * [Editar Transacción](#_64c5d0460cc57f957bfa4bc4d40bc779) [UseCase](#_64c5d0460cc57f957bfa4bc4d40bc779) * [Eliminar Transacción](#_0a5655d233a468a5a425b3a247597b49) [UseCase](#_0a5655d233a468a5a425b3a247597b49) * [Nueva transacción](#_d10868527a5a3c8f35889b73087772e8) [UseCase](#_d10868527a5a3c8f35889b73087772e8) |
| **Extend** |  |
| **Generalization** |  |

|  |  |
| --- | --- |
| **Scenarios** | |
| **Basic Flow of Events** |  |
| **Basic Flow of Events Diagrams** |  |
| **Alternative Flow of Events** |  |
| **Alternative Flow of Events Diagrams** |  |
| **Exceptional Flow of Events** |  |
| **Exceptional Flow of Events Diagrams** |  |

## Categoría Use Case

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case Name** | Categoría | ID | 11 |
| **Complexity** | Average Complexity | | |
| **Description** |  | | |
| **Actors** |  | | |
| **Goal** |  | | |
| **Assumption** |  | | |
| **Non Functional Requirements** |  | | |
| **Pre Condition** |  | | |
| **Post Condition** |  | | |
| **Constraints** |  | | |

|  |  |
| --- | --- |
| **Relations** | |
| **Association** |  |
| **Include** | * [Editar Transacción](#_64c5d0460cc57f957bfa4bc4d40bc779) [UseCase](#_64c5d0460cc57f957bfa4bc4d40bc779) * [Eliminar Transacción](#_0a5655d233a468a5a425b3a247597b49) [UseCase](#_0a5655d233a468a5a425b3a247597b49) * [Nueva transacción](#_d10868527a5a3c8f35889b73087772e8) [UseCase](#_d10868527a5a3c8f35889b73087772e8) |
| **Extend** |  |
| **Generalization** |  |

|  |  |
| --- | --- |
| **Scenarios** | |
| **Basic Flow of Events** |  |
| **Basic Flow of Events Diagrams** |  |
| **Alternative Flow of Events** |  |
| **Alternative Flow of Events Diagrams** |  |
| **Exceptional Flow of Events** |  |
| **Exceptional Flow of Events Diagrams** |  |

## Cliente Use Case

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case Name** | Cliente | ID | 10 |
| **Complexity** | Average Complexity | | |
| **Description** |  | | |
| **Actors** |  | | |
| **Goal** |  | | |
| **Assumption** |  | | |
| **Non Functional Requirements** |  | | |
| **Pre Condition** |  | | |
| **Post Condition** |  | | |
| **Constraints** |  | | |

|  |  |
| --- | --- |
| **Relations** | |
| **Association** |  |
| **Include** | * [Editar Transacción](#_64c5d0460cc57f957bfa4bc4d40bc779) [UseCase](#_64c5d0460cc57f957bfa4bc4d40bc779) * [Eliminar Transacción](#_0a5655d233a468a5a425b3a247597b49) [UseCase](#_0a5655d233a468a5a425b3a247597b49) * [Nueva transacción](#_d10868527a5a3c8f35889b73087772e8) [UseCase](#_d10868527a5a3c8f35889b73087772e8) |
| **Extend** |  |
| **Generalization** |  |

|  |  |
| --- | --- |
| **Scenarios** | |
| **Basic Flow of Events** |  |
| **Basic Flow of Events Diagrams** |  |
| **Alternative Flow of Events** |  |
| **Alternative Flow of Events Diagrams** |  |
| **Exceptional Flow of Events** |  |
| **Exceptional Flow of Events Diagrams** |  |

## Descripción Use Case

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case Name** | Descripción | ID | 13 |
| **Complexity** | Average Complexity | | |
| **Description** |  | | |
| **Actors** |  | | |
| **Goal** |  | | |
| **Assumption** |  | | |
| **Non Functional Requirements** |  | | |
| **Pre Condition** |  | | |
| **Post Condition** |  | | |
| **Constraints** |  | | |

|  |  |
| --- | --- |
| **Relations** | |
| **Association** |  |
| **Include** | * [Editar Transacción](#_64c5d0460cc57f957bfa4bc4d40bc779) [UseCase](#_64c5d0460cc57f957bfa4bc4d40bc779) * [Eliminar Transacción](#_0a5655d233a468a5a425b3a247597b49) [UseCase](#_0a5655d233a468a5a425b3a247597b49) * [Nueva transacción](#_d10868527a5a3c8f35889b73087772e8) [UseCase](#_d10868527a5a3c8f35889b73087772e8) |
| **Extend** |  |
| **Generalization** |  |

|  |  |
| --- | --- |
| **Scenarios** | |
| **Basic Flow of Events** |  |
| **Basic Flow of Events Diagrams** |  |
| **Alternative Flow of Events** |  |
| **Alternative Flow of Events Diagrams** |  |
| **Exceptional Flow of Events** |  |
| **Exceptional Flow of Events Diagrams** |  |

## Editar Transacción Use Case

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case Name** | Editar Transacción | ID | 6 |
| **Complexity** | Average Complexity | | |
| **Description** |  | | |
| **Actors** | * Base de Datos * Usuario | | |
| **Goal** |  | | |
| **Assumption** |  | | |
| **Non Functional Requirements** |  | | |
| **Pre Condition** |  | | |
| **Post Condition** |  | | |
| **Constraints** |  | | |

|  |  |
| --- | --- |
| **Relations** | |
| **Association** | * [Base de Datos](#_17b0d186ced3733008bdf30c6b9d55b5) [Actor](#_17b0d186ced3733008bdf30c6b9d55b5) * [Usuario](#_7b6ee35d3f4a093fda08ac1e3c76d4dd) [Actor](#_7b6ee35d3f4a093fda08ac1e3c76d4dd) |
| **Include** |  |
| **Extend** |  |
| **Generalization** |  |

|  |  |
| --- | --- |
| **Scenarios** | |
| **Basic Flow of Events** |  |
| **Basic Flow of Events Diagrams** |  |
| **Alternative Flow of Events** |  |
| **Alternative Flow of Events Diagrams** |  |
| **Exceptional Flow of Events** |  |
| **Exceptional Flow of Events Diagrams** |  |

## Eliminar Transacción Use Case

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case Name** | Eliminar Transacción | ID | 7 |
| **Complexity** | Average Complexity | | |
| **Description** |  | | |
| **Actors** | * Base de Datos * Usuario | | |
| **Goal** |  | | |
| **Assumption** |  | | |
| **Non Functional Requirements** |  | | |
| **Pre Condition** |  | | |
| **Post Condition** |  | | |
| **Constraints** |  | | |

|  |  |
| --- | --- |
| **Relations** | |
| **Association** | * [Base de Datos](#_17b0d186ced3733008bdf30c6b9d55b5) [Actor](#_17b0d186ced3733008bdf30c6b9d55b5) * [Usuario](#_7b6ee35d3f4a093fda08ac1e3c76d4dd) [Actor](#_7b6ee35d3f4a093fda08ac1e3c76d4dd) |
| **Include** |  |
| **Extend** |  |
| **Generalization** |  |

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| **Scenarios** | |
| **Basic Flow of Events** |  |
| **Basic Flow of Events Diagrams** |  |
| **Alternative Flow of Events** |  |
| **Alternative Flow of Events Diagrams** |  |
| **Exceptional Flow of Events** |  |
| **Exceptional Flow of Events Diagrams** |  |

## Fecha Use Case

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| --- | --- | --- | --- |
| **Use Case Name** | Fecha | ID | 12 |
| **Complexity** | Average Complexity | | |
| **Description** |  | | |
| **Actors** |  | | |
| **Goal** |  | | |
| **Assumption** |  | | |
| **Non Functional Requirements** |  | | |
| **Pre Condition** |  | | |
| **Post Condition** |  | | |
| **Constraints** |  | | |

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| --- | --- |
| **Relations** | |
| **Association** |  |
| **Include** | * [Editar Transacción](#_64c5d0460cc57f957bfa4bc4d40bc779) [UseCase](#_64c5d0460cc57f957bfa4bc4d40bc779) * [Editar Transacción](#_64c5d0460cc57f957bfa4bc4d40bc779) [UseCase](#_64c5d0460cc57f957bfa4bc4d40bc779) * [Eliminar Transacción](#_0a5655d233a468a5a425b3a247597b49) [UseCase](#_0a5655d233a468a5a425b3a247597b49) * [Nueva transacción](#_d10868527a5a3c8f35889b73087772e8) [UseCase](#_d10868527a5a3c8f35889b73087772e8) |
| **Extend** |  |
| **Generalization** |  |

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| **Scenarios** | |
| **Basic Flow of Events** |  |
| **Basic Flow of Events Diagrams** |  |
| **Alternative Flow of Events** |  |
| **Alternative Flow of Events Diagrams** |  |
| **Exceptional Flow of Events** |  |
| **Exceptional Flow of Events Diagrams** |  |

## Gasto Use Case

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case Name** | Gasto | ID | 16 |
| **Complexity** | Average Complexity | | |
| **Description** |  | | |
| **Actors** |  | | |
| **Goal** |  | | |
| **Assumption** |  | | |
| **Non Functional Requirements** |  | | |
| **Pre Condition** |  | | |
| **Post Condition** |  | | |
| **Constraints** |  | | |

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| --- | --- |
| **Relations** | |
| **Association** |  |
| **Include** | * [Tipo](#_75a13cee1a34f407b167d4c29c4e1973) [UseCase](#_75a13cee1a34f407b167d4c29c4e1973) |
| **Extend** |  |
| **Generalization** |  |

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| **Scenarios** | |
| **Basic Flow of Events** |  |
| **Basic Flow of Events Diagrams** |  |
| **Alternative Flow of Events** |  |
| **Alternative Flow of Events Diagrams** |  |
| **Exceptional Flow of Events** |  |
| **Exceptional Flow of Events Diagrams** |  |

## Ingreso Use Case

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case Name** | Ingreso | ID | 15 |
| **Complexity** | Average Complexity | | |
| **Description** |  | | |
| **Actors** |  | | |
| **Goal** |  | | |
| **Assumption** |  | | |
| **Non Functional Requirements** |  | | |
| **Pre Condition** |  | | |
| **Post Condition** |  | | |
| **Constraints** |  | | |

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| --- | --- |
| **Relations** | |
| **Association** |  |
| **Include** | * [Tipo](#_75a13cee1a34f407b167d4c29c4e1973) [UseCase](#_75a13cee1a34f407b167d4c29c4e1973) |
| **Extend** |  |
| **Generalization** |  |

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| --- | --- |
| **Scenarios** | |
| **Basic Flow of Events** |  |
| **Basic Flow of Events Diagrams** |  |
| **Alternative Flow of Events** |  |
| **Alternative Flow of Events Diagrams** |  |
| **Exceptional Flow of Events** |  |
| **Exceptional Flow of Events Diagrams** |  |

## Nueva transacción Use Case

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case Name** | Nueva transacción | ID | 14 |
| **Complexity** | Average Complexity | | |
| **Description** |  | | |
| **Actors** | * Base de Datos * Usuario | | |
| **Goal** |  | | |
| **Assumption** |  | | |
| **Non Functional Requirements** |  | | |
| **Pre Condition** |  | | |
| **Post Condition** |  | | |
| **Constraints** |  | | |

|  |  |
| --- | --- |
| **Relations** | |
| **Association** | * [Base de Datos](#_17b0d186ced3733008bdf30c6b9d55b5) [Actor](#_17b0d186ced3733008bdf30c6b9d55b5) * [Usuario](#_7b6ee35d3f4a093fda08ac1e3c76d4dd) [Actor](#_7b6ee35d3f4a093fda08ac1e3c76d4dd) |
| **Include** |  |
| **Extend** |  |
| **Generalization** |  |

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| --- | --- |
| **Scenarios** | |
| **Basic Flow of Events** |  |
| **Basic Flow of Events Diagrams** |  |
| **Alternative Flow of Events** |  |
| **Alternative Flow of Events Diagrams** |  |
| **Exceptional Flow of Events** |  |
| **Exceptional Flow of Events Diagrams** |  |

## Tipo Use Case

|  |  |  |  |
| --- | --- | --- | --- |
| **Use Case Name** | Tipo | ID | 8 |
| **Complexity** | Average Complexity | | |
| **Description** |  | | |
| **Actors** |  | | |
| **Goal** |  | | |
| **Assumption** |  | | |
| **Non Functional Requirements** |  | | |
| **Pre Condition** |  | | |
| **Post Condition** |  | | |
| **Constraints** |  | | |

|  |  |
| --- | --- |
| **Relations** | |
| **Association** |  |
| **Include** | * [Eliminar Transacción](#_0a5655d233a468a5a425b3a247597b49) [UseCase](#_0a5655d233a468a5a425b3a247597b49) * [Nueva transacción](#_d10868527a5a3c8f35889b73087772e8) [UseCase](#_d10868527a5a3c8f35889b73087772e8) |
| **Extend** |  |
| **Generalization** |  |

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| --- | --- |
| **Scenarios** | |
| **Basic Flow of Events** |  |
| **Basic Flow of Events Diagrams** |  |
| **Alternative Flow of Events** |  |
| **Alternative Flow of Events Diagrams** |  |
| **Exceptional Flow of Events** |  |
| **Exceptional Flow of Events Diagrams** |  |