

Functional Requirements

Pecuniam

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# Functional Requirements

## F1 – Cash Flow

The system should provide a Cash Flow screen so the Users can register his/her profits and expenses recording its value, date and the place where it has occured. The user should be able to register periodic incomes and bills, been able to select between montly, weekly and diary. This screen should provide a way to the user navigate between the past months and the months to come so he can know what bills is planned to happen. The screen should show a resume the ammount of the income and the ammount of the expenses.

**Non Functional Requirements**

***NF1.1 - XXXX***XX

**Use Case**[Record Incomes and Expenses](#_1_–_Record)  
 **Register**N/A  
  
**Report**N/A

## F2 – Users

The system should provide a register screen to manage the users that is going to use the system. The system should record their user names, passwords and put the user into groups which will have permissions in the system. The system should be able to authenticate and autorizate the users based on their usernames and passwords and their permissions based in the groups that they are in.

**Non Functional Requirements**

***NF1.1 - XXXX***XX

**Use Case**Não há  
 **Register**

Users  
  
**Report**Não há

## F3 – Comercial Partners

The system should be able to manage Comercial Partners that are going to identify the people who the user make business. These Comercial Partners would be the creditor or the debtor from the Cash Flow registers.

**Non Functional Requirements**

***NF1.1 - XXXX***XX

**Use Case**Não há  
 **Register**[Cadastro de Usuários](#CadastroUsuarios)  
  
**Report**Não há

## F4 – Bills

The system should be able to manage the user’s bills that can happen periodically. The system should provide the options DAILY, MONTHLY and YEARLY so the user can choose the periodicity of each bill. Also, the system should put these bills in the CashFlow automatically in the dates that they are going to happen so the user will be aware that he/she will have to pay them.

**Non Functional Requirements**

***NF1.1 - XXXX***XX

**Use Case**Não há  
 **Register**  
  
**Report**Não há

# Registers

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Name** | **Description** | **Refs** | **S** | **I** | **U** | **D** |
| Users | The UI to manage the users that are going to use the System | [F2](#_F2_–_Users) | x | x | x | x |
| Comercial Partners | The UI to manage the Comercial Partners which the users will associate with their incomes or expenses | [F3](#_F3_–_Comercial) | x | x | x | x |
| Bills | The UI to manage the users bills which can occur periodically | [F4](#_F4_–_Bills) | x | x | x | x |
| Groups | The UI to manage the system’s groups and their permissions | [F2](#_F2_–_Users) |  |  |  |  |

# Reports

Não Há

# Use Cases

|  |  |  |
| --- | --- | --- |
| **Name** | **Short Flow** | **Refs** |
| Record Incomes and Expenses | The user enter in the CashFlow in the System. The system shows the current month Cash Flow to the user. The user clicks on “New Event” and inform to the system the value, date and comercial partner (optional) where is happened and associate a Bill (optional). The system save the information. | [F1](#_F1_–_Cash) |
|  |  |  |
|  |  |  |

# Expanded Use Cases

## 1 – Record Incomes and Expenses

**Actors**

Sistema, Usuário

**Related Requirements**

[F2](#_F2_–_Cadastro), [F3](#_F3_–_Histórico), [F4](#_F4_–_Agendamento), [F5](#_F5_–_Lista)

**Main Path**

|  |  |
| --- | --- |
| 1 | [Ver Caso De Uso Suplementar Autenticação](#_1_–_Autenticação) |
| 2 | [SIS] O sistema exibe a tela inicial com a lista de prospectos em ordem de prioridade |
| 3 | [US] O usuário seleciona o primeiro prospecto na ordem |
| 4 | [SIS] O sistema exibe os detalhes do prospecto escolhido com um campo para informar os detalhes do contato a ser realizado |
| 5 | [US] O usuário entra em contato com o prospecto |
| 6 | [US] O usuário informa os detalhes do contato realizado no campo para gerar histórico |
| 7 | [US] O usuário salva as informações |
| 8 | [SIS] O sistema abre as informações do próximo prospecto |
| 9 | Volta para o passo 4 |

**Exceptions**

# Support Use Cases

## 1 – Authentication

**Actors**System, User

**Main Path**

|  |  |
| --- | --- |
| **1** | [US] The user enter the system |
| **2** | [SYS] The system ask for the email and password |
| **3** | [US] The user inform the his/her username and password - (see exception 3a) |
| **4** | [SYS] The system verify if the informed username and password are valid |
| **5** | [SYS] If the username and password are valid the system redirect the user to the system dashboard |
| **6** | Return to the requesitant Use Case |

**Main Path Exceptions**

|  |  |
| --- | --- |
| **3a** | **User forget his/her password** |
| 3a.1 | [US] The user request a reset pass word email |
| 3a.2 | [SYS] The system ask for the user to confirm his/her email |
| 3a.3 | [US] The user inform his/her email |
| 3a.4 | [SYS] The system confirm that the email is valid and is registered into the system |
| 3ª.5 | [SYS] The system sends na email with a link to reset the password to the uer |

# Prototypes

N/A

# Attachments

N/A