# **Use Case Summary**

## Case Use Model

Version • Proposed



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TOSHIBA

EA Repository : D:\d\_carpet\EAProjects\SPFG\Documentation\SPGF.eap



## **Table of Contents**

Case Use Model	3
Case Use Model diagram	3
Actors	
Actors diagram	4
Administrator	4
Free User	4
User	4
VIP User	5
Use Case	6
Sistema SPFG diagram	6
Administrator	7
User	7
Account Overview	
Chose Type of User	7
Delete Account	
Edit Expenses	δ
Edit Incomes	
Generate a report	8
Gestionar Presupuesto	8
Log Out	
Modify User Profile	9
Payment Queue	9
Request Pool	9
Search a User	10
Send Message	10
Sign In	10
Sign Up	10
Technique Service Request	10

## **Case Use Model**

Package in package 'Model'

Case Use Model
Version Phase 1.0 Proposed
TOSHIBA created on 31/03/2018. Last modified 12/04/2018

## **Case Use Model diagram**

Use Case diagram in package 'Case Use Model'

Case Use Model
Version 1.0
TOSHIBA created on 31/03/2018. Last modified 12/04/2018

Actors are the users of the system

being modeled. Each Actor will have a well-defined role, and in the context of that role have useful interactions with Actors the system. + Administrator A person may perform the role of more + Free User than one Actor, although they will only + User assume one role during one use case + VIP User interaction. The Use Case model is a catalogue of system functionality described using UML Use Cases. Each An Actor role may be performed by a Use Case represents a single, repeatable interaction non-human system, such as another that a user or "actor" experiences when using the computer program. system. Use Case A Use Case typically includes one or more "scenarios" + Administrator which describe the interactions that go on between + User the Actor and the System, and documents the results and exceptions that occur from the user's + Account Overview perspective. + Chose Type of User This package contains use cases + Delete Account which define how an Actor will Use Cases may include other Use Cases as part of a + Edit Expenses interact with the proposed system. larger pattern of interaction and may also be + Edit Incomes extended by other use cases to handle exceptional Each interaction may be specified conditions + Generate a report using scenarios, sequence diagrams, + Gestionar Presupuesto communication diagrams and other + Log Out dynamic diagrams or textual descriptions which together describe + Modify User Profile how the system, when viewed as a + Payment Queue "black-box", interacts with a user. + Request Pool + Search a User + Send Message + Sign In + Sign Up + Technique Service Request

Figure 1: Case Use Model

#### **Actors**

Package in package 'Case Use Model'

Actors
Version 1.0 Phase 1.0 Proposed
TOSHIBA created on 31/03/2018. Last modified 12/04/2018

#### **Actors diagram**

Use Case diagram in package 'Actors'

Actors Version 1.0 TOSHIBA created on 31/03/2018. Last modified 12/04/2018

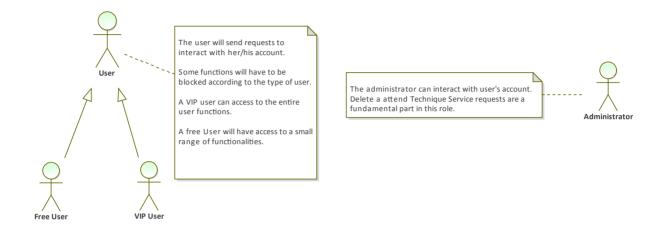


Figure 2: Actors

#### **Administrator**

Actor in package 'Actors'

Administrator Version 1.0 Phase 1.0 Proposed TOSHIBA created on 07/04/2018. Last modified 12/04/2018

#### **Free User**

Actor in package 'Actors'

Free User Version 1.0 Phase 1.0 Proposed TOSHIBA created on 07/04/2018. Last modified 12/04/2018

#### User

Actor in package 'Actors'

User Version 1.0 Phase 1.0 Proposed

TOSHIBA created on 31/03/2018. Last modified 12/04/2018

#### **VIP User**

Actor in package 'Actors'

VIP User Version 1.0 Phase 1.0 Proposed TOSHIBA created on 07/04/2018. Last modified 12/04/2018

## **Use Case**

Package in package 'Case Use Model'

Use Case Version 1.0 Phase 1.0 Proposed TOSHIBA created on 31/03/2018. Last modified 12/04/2018

## Sistema SPFG diagram

Use Case diagram in package 'Use Case'

Sistema SPFG
Version 1.0
TOSHIBA created on 31/03/2018. Last modified 13/04/2018

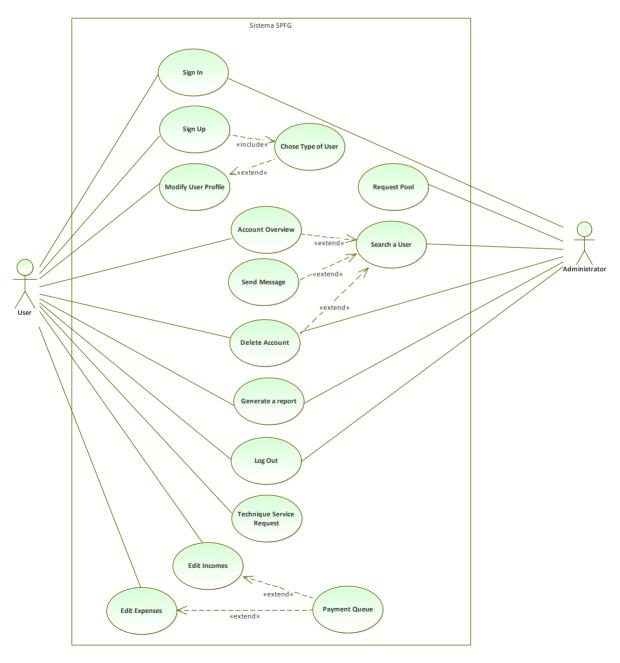


Figure 3: Sistema SPFG

#### **Administrator**

Actor in package 'Use Case'

Administrator Version 1.0 Phase 1.0 Proposed TOSHIBA created on 07/04/2018. Last modified 12/04/2018

#### User

Actor in package 'Use Case'

User
Version 1.0 Phase 1.0 Proposed
TOSHIBA created on 07/04/2018. Last modified 12/04/2018

#### **Account Overview**

UseCase in package 'Use Case'

Make an overview of your account. Latest incomes and expenses will be shown next to a balance diagram.

Account Overview Version 1.0 Phase 1.0 Proposed TOSHIBA created on 09/04/2018. Last modified 13/04/2018

### **Chose Type of User**

UseCase in package 'Use Case'

Free users can use this function to upgrade their account as a VIP user. Some pre-requisites are needed to do it: An extra email to ensure a new layer of protection, a phone number to get the notifications function and a reset of your password. Once done, the new VIP user will be set as it. (It requires to restart or reload the application)

VIP user will use this function in a different way. If you want to stop your payment plan, you must deselect the VIP user option. This will deactivate your extra functions and return your account as a free user.

Finally, this option will be unable for a week once you use it in whatever of the explained situation.

Chose Type of User Version 1.0 Phase 1.0 Proposed Dave created on 09/04/2018. Last modified 12/04/2018

#### **Delete Account**

UseCase in package 'Use Case'

Change the visibility of the account. Also, this function register the date when an account was closed. An erased account can be seen for an administrator but it won't count for a new user who's registering with the same data (Specially in duplicated Emails)

Delete Account Version 1.0 Phase 1.0 Proposed Dave created on 09/04/2018. Last modified 12/04/2018

#### **Edit Expenses**

UseCase in package 'Use Case'

Complex functionality to add or delete expenses. An expense can be added or deleted but not modify.

Edit Expenses Version 1.0 Phase 1.0 Mandatory Dave created on 09/04/2018. Last modified 13/04/2018

#### **Edit Incomes**

UseCase in package 'Use Case'

Complex functionality to add or delete incomes. An income can be added or deleted but not modify.

Edit Incomes
Version 1.0 Phase 1.0 Mandatory
Dave created on 09/04/2018. Last modified 13/04/2018

#### **Generate a report**

UseCase in package 'Use Case'

Users can generate a report from the last n-months. It will included an option to add diagrams and graphics related to the last incomes and expenses.

Administrator's report function will be a little more simple. The generated document will just include a simple tracing from the last n-activities done in the system.

Generate a report Version 1.0 Phase 1.0 Proposed Dave created on 09/04/2018. Last modified 13/04/2018

#### **Gestionar Presupuesto**

UseCase in package 'Use Case'

Gestionar Presupuesto

Version 1.0 Phase 1.0 Proposed TOSHIBA created on 09/04/2018. Last modified 09/04/2018

#### Log Out

UseCase in package 'Use Case'

Close the actual session. There's not difference between users and administrators.

Log Out
Version 1.0 Phase 1.0 Mandatory
TOSHIBA created on 09/04/2018. Last modified 13/04/2018

#### **Modify User Profile**

UseCase in package 'Use Case'

Allow any kind of user to modify his/her personal data. Administrators are not allowed in this scope. This functionality include an option to choose a pricing plan to get a complete system.

Modify User Profile Version 1.0 Phase 1.0 Proposed Dave created on 09/04/2018. Last modified 12/04/2018

#### **Payment Queue**

UseCase in package 'Use Case'

Implement a queue to establish a payment plan. For example, if you have to pay the internet service each month, it will add this expense to the queue; so, when the time is right, the expense will be automatic registered. This function can be used with your notification system.

Payment Queue Version 1.0 Phase 1.0 Mandatory Dave created on 13/04/2018. Last modified 13/04/2018

#### **Request Pool**

UseCase in package 'Use Case'

The request pool is a place where all technical request are stored.

There is just one request pool. Only administrators will have the access to this functionality. If a technical request is solved, it will be marked as "Solved". Subsequently the system will record it and add the administrator's id next to the date of the solution.

Request Pool Version 1.0 Phase 1.0 Proposed Dave created on 09/04/2018. Last modified 12/04/2018

#### Search a User

UseCase in package 'Use Case'

An exclusive administrator function. Search for a user based in ID account, username or email.

Search a User Version 1.0 Phase 1.0 Proposed TOSHIBA created on 09/04/2018. Last modified 12/04/2018

#### **Send Message**

UseCase in package 'Use Case'

Send Message Version 1.0 Phase 1.0 Proposed TOSHIBA created on 09/04/2018. Last modified 12/04/2018

#### Sign In

UseCase in package 'Use Case'

Allow User and Administrator to get into their account. Also, make a differentiation between roles.

Sign In Version 1.0 Phase 1.0 Proposed Dave created on 07/04/2018. Last modified 12/04/2018

## Sign Up

UseCase in package 'Use Case'

Register and save data from a new user. Besides, it allows you to choose a pricing plan. Finally the incoming data will be save in a database as a new account.

Sign Up Version 1.0 Phase 1.0 Proposed Dave created on 07/04/2018. Last modified 12/04/2018

#### **Technique Service Request**

UseCase in package 'Use Case'

Send a request to the administrator in case of technical problem or bugs. It's known as the "unique contact point".

Technique Service Request

Use Case Summary 13 April, 2018 Version 1.0 Phase 1.0 Proposed Dae created on 09/04/2018. Last modified 13/04/2018