Especificación de Casos de Uso		
Project: Mercado Gravy	Creation date: **26/08/2018**	**Ref. Nº**
Author:	Version: **1.0**	

Proyecto

Mercado Gravy

Revision History

Date	Version	Details	Author

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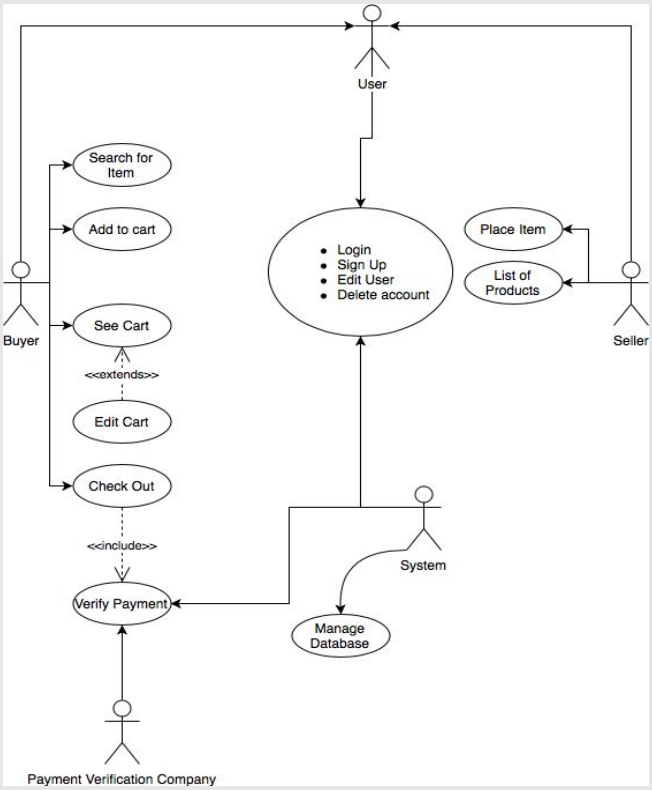
Diagram



Especificación de Casos de Uso

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USE CASE	
IDENTIFICATION	UseCase1
NAME	Sign up
DESCRIPTION	Register new User in the system
EXTENSIONS	-
EXCEPTIONS	-
ASSOCIATE USECASES	-
NORMAL FLOW	
ACTORS	Buyer, Seller (Users in general)
PRECONDITIONS	Open webpage
ACTIVATION	Click the sign up button
DESCRIPTION	1. User puts username 2. User puts password 3. User re writes password 4. User finishes register by clicking on the finish button 5. The system checks if fields were completed and valid 6. The system gives an answer to the user
POSTCONDITIONS	After the Use Case finishes, the System's database needs to store the information about the user if completed.
ALTERNATIVE FLOW 1	
DESCRIPTION	1.1 Username not valid 1.2 System presents message 1.3 System asks again for the data to be put
ALTERNATIVE FLOW 2	
DESCRIPTION	1.1 Password not well rewritten / Password does not fit with requirements 1.2 System presents message 1.3 System asks again for the data to be put
DECISION FACTORS	
FREQUENCY	Will of the user
CRITICALITY	Critic
RISKS	IN
COMPLEXITY	Low

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USE CASE	
IDENTIFICATION	UseCase2
NAME	Log in
DESCRIPTION	User logs in the system
EXTENSIONS	-
EXCEPTIONS	-
ASSOCIATE USECASES	UseCase1
NORMAL FLOW	
ACTORS	Buyer, Seller (Users in general)
PRECONDITIONS	Open webpage and being already in the users databasse
ACTIVATION	Click the log in button
DESCRIPTION	1 User puts username 2 User puts password 3 User finishes register by clicking on the finish button 4 The system checks if fields were completed and valid 5 The system gives an answer to the user
POSTCONDITIONS	After the Use Case finishes, the user starts session in his account
ALTERNATIVE FLOW 1	
DESCRIPTION	1.1 Username not valid/Password invalid 1.2 System presents message 1.3 System asks again for the data to be put
ALTERNATIVE FLOW 2	
DESCRIPTION	-
DECISION FACTORS	
FREQUENCY	Will of the user
CRITICALITY	Critic
RISKS	IN
COMPLEXITY	Low

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USE CASE	
IDENTIFICATION	UseCase3
NAME	Edit
DESCRIPTION	Edit information about the User
EXTENSIONS	-
EXCEPTIONS	-
ASSOCIATE USECASES	UseCase1 UseCase2
NORMAL FLOW	
ACTORS	Buyer, Seller (Users in general)
PRECONDITIONS	Open webpage and log in
ACTIVATION	Click the edit button
DESCRIPTION	1. User puts additional information 2. User clicks the OK button 3. The system validates the information 4. The system responds if valid
POSTCONDITIONS	After the Use Case finishes, the System's database needs to store the information about the user if completed.
ALTERNATIVE FLOW 1	
DESCRIPTION	1.1 Information given not valid 1.2 System presents message 1.3 System asks again for the data to be put
ALTERNATIVE FLOW 2	
DESCRIPTION	-
DECISION FACTORS	
FREQUENCY	Will of the user
CRITICALITY	None
RISKS	IN
COMPLEXITY	Really Low

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USE CASE	
IDENTIFICATION	UseCase4
NAME	Delete Account
DESCRIPTION	User decides to erase account
EXTENSIONS	-
EXCEPTIONS	-
ASSOCIATE USECASES	UseCase2 UseCase3
NORMAL FLOW	
ACTORS	Buyer, Seller (Users in general)
PRECONDITIONS	Open webpage and be logged in
ACTIVATION	Click on the edit button
DESCRIPTION	1. The User clicks on the remove account button 2. The system sends the User a message to confirm 3. The User clicks the OK button 4. The system logs the User out and removes information from database
POSTCONDITIONS	After the Use Case finishes, the User looks for items of his interest
ALTERNATIVE FLOW 1	
DESCRIPTION	1.1 The User cancels action 1.2 The system goes back to the edit page
ALTERNATIVE FLOW 2	
DESCRIPTION	-
DECISION FACTORS	
FREQUENCY	Will of the user
CRITICALITY	Critic
RISKS	IN
COMPLEXITY	Medium

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USE CASE	
IDENTIFICATION	UseCase5
NAME	Search for Item
DESCRIPTION	Buyer looks for a product
EXTENSIONS	-
EXCEPTIONS	-
ASSOCIATE USECASES	-
NORMAL FLOW	
ACTORS	Buyer, Seller (Users in general)
PRECONDITIONS	Open webpage
ACTIVATION	Write the name of a product on the search bar
DESCRIPTION	1. The User writes the name of a product on the search bar 2. The User presses *enter* or clicks the magnifying glass icon 3. The System validates the input and look for the related products 4. The System lists all related products so the User can have access 5. The User has access to all related items on the database with his search
POSTCONDITIONS	After the Use Case finishes, the User looks for items of his interest
ALTERNATIVE FLOW 1	
DESCRIPTION	1.1 Information given not valid 1.2 System presents message
ALTERNATIVE FLOW 2	
DESCRIPTION	1.1 There are no results 1.2 The System shows a message on the window
DECISION FACTORS	
FREQUENCY	Will of the user
CRITICALITY	Critic
RISKS	IN
COMPLEXITY	Medium

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USE CASE	
IDENTIFICATION	UseCase6
NAME	Add to Cart
DESCRIPTION	Buyer decides to buy product
EXTENSIONS	-
EXCEPTIONS	-
ASSOCIATE USECASES	UseCase2 UseCase5
NORMAL FLOW	
ACTORS	Buyer
PRECONDITIONS	Open webpage, Look for a product and be logged in
ACTIVATION	Click on the desired product
DESCRIPTION	1. Chooses the amount of items he is willing to buy. 2. The buyer than may choose the type of the product he wants(color, size, etc.) 3. The User clicks on the buy button 4. The System adds the item with specifications in the database
POSTCONDITIONS	After the Use Case finishes, the Cart section is filled with the item and specifications
ALTERNATIVE FLOW 1	
DESCRIPTION	1.1 Not enough stock 1.2 The system sends a message in the screen
ALTERNATIVE FLOW 2	
DESCRIPTION	-
DECISION FACTORS	
FREQUENCY	Will of the user
CRITICALITY	Critic
RISKS	IN
COMPLEXITY	Medium

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USE CASE	
IDENTIFICATION	UseCase7
NAME	See Cart
DESCRIPTION	Buyer Decides to check his Cart
EXTENSIONS	UseCase8
EXCEPTIONS	-
ASSOCIATE USECASES	UseCase2 UseCase5 UseCase6
NORMAL FLOW	
ACTORS	Buyer
PRECONDITIONS	User has to be logged in
ACTIVATION	User has to click on the shopping cart icon
DESCRIPTION	1. The system loads and shows in screen the selected items by the user.
POSTCONDITIONS	After the Use Case finishes, the User has access to the items he wanted to buy
ALTERNATIVE FLOW 1	
DESCRIPTION	1.1 There are no items to show 1.2 The System presents a message
ALTERNATIVE FLOW 2	
DESCRIPTION	-
DECISION FACTORS	
FREQUENCY	Will of the user
CRITICALITY	Critic
RISKS	IN
COMPLEXITY	Medium

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	Project: Mercado Gravy	Creation date: **26/08/2018**	**Ref. Nº**
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USE CASE	
IDENTIFICATION	UseCase8
NAME	Edit Cart
DESCRIPTION	Buyer Decides to edit items in his Cart
EXTENSIONS	-
EXCEPTIONS	-
ASSOCIATE USECASES	UseCase2 UseCase5 UseCase6 UseCase7
NORMAL FLOW	
ACTORS	Buyer
PRECONDITIONS	User has to be logged in
ACTIVATION	User has to click on the shopping cart icon
DESCRIPTION	1. The User clicks on the edit button 2. The User decreases the amount of items he wants by one 3. The User clicks the OK button 4. The system saves the changes
POSTCONDITIONS	After the Use Case finishes, the User has the desirable items in the cart
ALTERNATIVE FLOW 1	
DESCRIPTION	1.1 There are no items to show 1.2 The System presents a message
ALTERNATIVE FLOW 2	
DESCRIPTION	1.1 The User clicks the Remove Item from Cart button 1.2 The system them deletes it from the list
DECISION FACTORS	
FREQUENCY	Will of the user
CRITICALITY	Critic
RISKS	IN
COMPLEXITY	Medium

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USE CASE	
IDENTIFICATION	UseCase9
NAME	Check Out
DESCRIPTION	Buyer Decides to check out and proceed to payment
EXTENSIONS	-
EXCEPTIONS	-
ASSOCIATE USECASES	UseCase2 UseCase5 UseCase6 UseCase7
NORMAL FLOW	
ACTORS	Buyer
PRECONDITIONS	User has to be logged in
ACTIVATION	User has to click on the shopping cart icon
DESCRIPTION	1. The User clicks on the Check Out button 2. The System prepares a buying order verification 3. The System asks the user for the type of payment 4. The User confirms payment
POSTCONDITIONS	After the Use Case finishes, the User has payed for the items he chose
ALTERNATIVE FLOW 1	
DESCRIPTION	1.1 There are no items to check out 1.2 The System presents a message
ALTERNATIVE FLOW 2	
DESCRIPTION	-
DECISION FACTORS	
FREQUENCY	Will of the user
CRITICALITY	Critic
RISKS	IN
COMPLEXITY	High

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USE CASE	
IDENTIFICATION	UseCase10
NAME	Verify Payment
DESCRIPTION	The System verifies payment
EXTENSIONS	-
EXCEPTIONS	-
ASSOCIATE USECASES	UseCase9
NORMAL FLOW	
ACTORS	Payment Verification Company
PRECONDITIONS	User has to Check out an order
ACTIVATION	User has to click on the Pay button
DESCRIPTION	1. The System sends the order to the Payment Verification Company 2. The Company asks for the payment method 3. The Company then verifies the method 4. The Company informs the transaction state
POSTCONDITIONS	After the Use Case finishes, the System verified the Payment
ALTERNATIVE FLOW 1	
DESCRIPTION	1.1 Payment method invalid 1.2 The System presents a message
ALTERNATIVE FLOW 2	
DESCRIPTION	-
DECISION FACTORS	
FREQUENCY	Will of the user
CRITICALITY	Critic
RISKS	IN
COMPLEXITY	Medium

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USE CASE	
IDENTIFICATION	UseCase11
NAME	Database Management
DESCRIPTION	The System manages items and categories inside a database
EXTENSIONS	-
EXCEPTIONS	-
ASSOCIATE USECASES	-
NORMAL FLOW	
ACTORS	System (Admins)
PRECONDITIONS	The Admin has to be logged in into his privileged account
ACTIVATION	Be logged in admin account
DESCRIPTION	1. The System shows a list with all available categories 2. The Admin may choose to add a new/modify a category or check Users 3. The Admin edits/checks information inside the category 4. The Admin clicks the OK button 5. The System validates and saves action inside the database
POSTCONDITIONS	After the Use Case finishes, the System's database is modified
ALTERNATIVE FLOW 1	
DESCRIPTION	-
ALTERNATIVE FLOW 2	
DESCRIPTION	-
DECISION FACTORS	
FREQUENCY	Will of the user
CRITICALITY	Critic
RISKS	IN
COMPLEXITY	Medium

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USE CASE	
IDENTIFICATION	UseCase12
NAME	Place Item
DESCRIPTION	The User as a seller puts an item to sale
EXTENSIONS	-
EXCEPTIONS	-
ASSOCIATE USECASES	UseCase2
NORMAL FLOW	
ACTORS	Sellers(Users)
PRECONDITIONS	The user has to be logged in
ACTIVATION	Click on the Sell Item button
DESCRIPTION	1. The User fills the information/ photos of the product he is willing to sell 2. The User adds a Price to it and shipping information 3. The User clicks the finish button 4. The System verifies information
POSTCONDITIONS	After the Use Case finishes, the System's database is modified
ALTERNATIVE FLOW 1	
DESCRIPTION	1.1 Information filled invalid/ inexistent 1.2 The System presents a message
ALTERNATIVE FLOW 2	
DESCRIPTION	-
DECISION FACTORS	
FREQUENCY	Will of the user
CRITICALITY	Critic
RISKS	IN
COMPLEXITY	Medium

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USE CASE	
IDENTIFICATION	UseCase13
NAME	List of Products
DESCRIPTION	The User as a seller looks for list of items he is selling / has sold
EXTENSIONS	UseCase14
EXCEPTIONS	-
ASSOCIATE USECASES	UseCase2 UseCase12
NORMAL FLOW	
ACTORS	Sellers(Users)
PRECONDITIONS	The user has to be logged in
ACTIVATION	Click on the Check My items button
DESCRIPTION	1. The System loads all items the Seller has put to sell and their state ((not) sold, shipping)
POSTCONDITIONS	After the Use Case finishes, the User has access to items
ALTERNATIVE FLOW 1	
DESCRIPTION	1.1 No products on the list 1.2 The System presents a message
ALTERNATIVE FLOW 2	
DESCRIPTION	-
DECISION FACTORS	
FREQUENCY	Will of the user
CRITICALITY	Critic
RISKS	IN
COMPLEXITY	Medium

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USE CASE	
IDENTIFICATION	UseCase14
NAME	Edit List
DESCRIPTION	The User as a seller edits list of items he is selling
EXTENSIONS	-
EXCEPTIONS	-
ASSOCIATE USECASES	UseCase2 UseCase12 UseCase13
NORMAL FLOW	
ACTORS	Sellers(Users)
PRECONDITIONS	The user has to be logged in and inside the My Items list
ACTIVATION	Click on the Edit button
DESCRIPTION	1. The User clicks on the edit button 2. The User may change the amount of items he is willing to sell, or the product's information 3. The User clicks the OK button 4. The system saves the changes
POSTCONDITIONS	After the Use Case finishes, the User has changed the items he is currently selling
ALTERNATIVE FLOW 1	
DESCRIPTION	1.1 No products on the list 1.2 The System presents a message
ALTERNATIVE FLOW 2	
DESCRIPTION	-
DECISION FACTORS	
FREQUENCY	Will of the user
CRITICALITY	Critic
RISKS	IN
COMPLEXITY	Medium