	Use Case Specification		
	Project:	Date of inception:	Ref. Nº
	Author:	Version: 1.0	

PET PACK
WE LIKE PETS

Project	# Pet Supplies Delivery

Revision History				
	Date	Version	Description	Author
	9/4/2019	1.0	First SRS version	PetPack

Diagram	

	Use Case Specification		
PET PACK WE LIKE PETS			
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Definitions of Decision Factors

FREQUENCY	At user's will	daily		weekly		monthly	
CRITICITY	**catastrophic**	**critical**		**marginal**		**negligible**	
Failure to meet requirements would result in ...	...mission failure, cost increase (over $ 10,000) and scheduling delays	...degraded system performance (mission success is now questionable), increased costs (Less than $ 10,000) and operational delays		...degradation of the secondary mission. Impact on costs and recoverable scheduling		...creation of inconveniences or non-operational impacts. No impact on costs and / or scheduling	
RISKS	Product Size (PS)	Business Impact (IN)	Client Feature (CF)	Process Definition (PD)	Developm ent Environm ent (DE)	Tecnología a Construir (TC)	Staff Size and/or Experience (PE)
COMPLEXITY	VERY HIGH	HIGH	MEDIUM	LOW	VERY LOW		NONE

PET PACK WE LIKE PETS	**Use Case Specification**	
	Project:	Date of inception:	**Ref. Nº**
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USE CASE DATA	
UC ID	1
NAME	Add / Remove Products
DESCRIPTION	Upload and remove products to/from the website
EXTENSIONS	None
EXCEPTIONS	None
LINKED USE CASES	None
NORMAL FLOW	
ACTORS	Admin
PRECONDITIONS	To add: Know the name and stock of the product. Additionally a digital photo is needed.
ACTIVATION	To eliminate, press the delete button next to the product. To add, click on the add button, filling in Name, Description and Stock fields and attaching a photo.
DESCRIPTION	1. System: Shows the list of products where the fields are located to enter a new product. 2. Admin: Enter Name 3. Admin: Enter Description 4. Admin: Attach a photo 5. Admin: Enter Stock 6. Admin: Press Create 7. System: Sends data to the database 8. System: Receive successful registration confirmation 9. System: Informs the user 10. System: Refreshes the list of products
POSTCONDITIONS	You have an updated list of products
ALTERNATIVE FLOW 1	
DESCRIPTION	1.1 Admin: Press the button eliminate next to the veterinarian 1.1.1 System: Send the request for elimination to the database 1.1.2 System: Confirm successful elimination 1.1.3 Go to 9
ALTERNATIVE FLOW 2	
DESCRIPTION	7.1 The database failed to save change because one of the inserted values is invalid 7.1.1 Go to step 7
FACTORES DE DECISIÓN	
FRECUENCIA	At user's will
CRITICIDAD	Critical
RIESGOS	BI
COMPLEJIDAD	High

	Use Case Specification	
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USE CASE DATA	
UC ID	2
NAME	Add / Remove Doctors
DESCRIPTION	Upload and remove veterinary services
EXTENSIONS	None
EXCEPTIONS	None
LINKED USE CASES	None
NORMAL FLOW	
ACTORS	Admin
PRECONDITIONS	To add: know name and specialization of the veterinarian
ACTIVATION	To eliminate press the button "eliminate" next to the veterinarians description
DESCRIPTION	1. System: Show list of existing veterinarians 2. Admin: Type in name 3. Admin: Type in description 4. Admin: Press "Create" 5. System Send information to the database 6. System: Receive upload information 7. System: Inform the user/admin 8. System: Refresh list of veterinarians
POSTCONDITIONS	You have a new list of veterinarians
ALTERNATIVE FLOW 1	
DESCRIPTION	1.1 Admin: Press the button eliminate next to the veterinarian 1.1.1 System: Send the request for elimination to the database 1.1.2 System: Confirm successful elimination 1.1.3 Go to 7
ALTERNATIVE FLOW 2	
DESCRIPTION	7.1 The database failed to save change because one of the inserted values is invalid 7.1.1 Go to step 7
DECISION FACTORS	
FREQUENCY	At user's will
CRITICALITY	Marginal
RISK	IN
COMPLEXITY	Medium

USE CASE DATA	
UC ID	3
UC NAME	Add Category
DESCRIPTION	Creates a category
EXTENSIONS	None
EXCEPTIONS	None
LINKED USED CASES	None
NORMAL FLOW	
ACTORS	Admin
PRECONDITIONS	● Admin logged in
ACTIVATION	● Admin clicks on the 'Category' Navigation item ● Admin clicks on the 'Add category' button
DESCRIPTION	1. System: Shows new category form 2. Admin: Fill out form 3. Admin: Click on 'Add' button 4. System: Adds category to the database 5. System: Confirms successful operation 6. System: Shows categories list
POSTCONDITION	New category is added
DECISION FACTORS	
FREQUENCY	Monthly
CRITICITY	Marginal
RISKS	None
COMPLEXITY	Very low

	Use Case Specification		
PET PACK WE LIKE PETS	Project:	Date of inception:	**Ref. Nº**
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USE CASE DATA	
UC ID	3
UC NAME	Edit Category
DESCRIPTION	Updates an existing category
EXTENSIONS	None
EXCEPTIONS	None
LINKED USED CASES	None
NORMAL FLOW	
ACTORS	Admin
PRECONDITIONS	● Admin logged in ● Category to be edited already exists
ACTIVATION	● Admin: Clicks on the 'Category' Navigation item ● Admin: Press the edit button next to a category
DESCRIPTION	1. System: Show the edit form for the selected category 2 Admin: Fill out the updated data 3 Admin: Click update button 4 System: Update the database with new information 5 System: Confirm successful operation
POSTCONDITION	Category has updated information
ALTERNATIVE FLOW 1	
DESCRIPTION	
ALTERNATIVE FLOW 2	
DESCRIPTION	
DECISION FACTORS	
FREQUENCY	Monthly
CRITICITY	Negligible
RISKS	NONE
COMPLEXITY	VERY LOW

	Use Case Specification		
Project:		Date of inception:	**Ref. Nº**
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USE CASE DATA	
UC ID	3
UC NAME	Remove Category
DESCRIPTION	Remove a specific category
EXTENSIONS	None
EXCEPTIONS	None
LINKED USED CASES	None
NORMAL FLOW	
ACTORS	Admin
PRECONDITIONS	● Admin logged in ● Category to be deleted already exists
ACTIVATION	● Admin: Clicks on the 'Category' Navigation item ● Admin: Press the delete button next to a category
DESCRIPTION	1. System: Send the request for elimination to the database 2. System: Confirm successful elimination 3. System: Show updated list of categories
POSTCONDITION	Category is deleted
ALTERNATIVE FLOW 1	
DESCRIPTION	
ALTERNATIVE FLOW 2	
DESCRIPTION	
DECISION FACTORS	
FREQUENCY	Monthly
CRITICITY	Negligible
RISKS	None
COMPLEXITY	VERY LOW

USE CASE DATA	
UC ID	3
UC NAME	Add User
DESCRIPTION	Creates a user
EXTENSIONS	None
EXCEPTIONS	None
LINKED USED CASES	None
NORMAL FLOW	
ACTORS	Admin
PRECONDITIONS	● Admin logged in
ACTIVATION	● Admin clicks on the 'Users' Navigation item ● Admin clicks on the 'Add user' button
DESCRIPTION	1. System: Shows new category form 2. Admin: Fill out form 3. Admin: Click on 'Add' button 4. System: Adds user to the database 5. System: Confirms successful operation 6. System: Shows categories list
POSTCONDITION	New user is added
ALTERNATIVE FLOW 1	
DESCRIPTION	
ALTERNATIVE FLOW 2	
DESCRIPTION	
DECISION FACTORS	
FREQUENCY	Monthly
CRITICITY	Marginal
RISKS	None
COMPLEXITY	Very low

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USE CASE DATA	
UC ID	4
UC NAME	Edit User
DESCRIPTION	Updates an existing user
EXTENSIONS	None
EXCEPTIONS	None
LINKED USED CASES	None
NORMAL FLOW	
ACTORS	Admin
PRECONDITIONS	● Admin logged in ● User to be edited already exists
ACTIVATION	● Admin: Clicks on the 'Users' Navigation item ● Admin: Press the edit button next to a user
DESCRIPTION	1. System: Show the edit form for the selected user 2 Admin: Fill out the updated data 3 Admin: Click update button 4 System: Update the database with new information 5 System: Confirm successful operation
POSTCONDITION	User has updated information
ALTERNATIVE FLOW 1	
DESCRIPTION	
ALTERNATIVE FLOW 2	
DESCRIPTION	
DECISION FACTORS	
FREQUENCY	Monthly
CRITICITY	Negligible
RISKS	NONE
COMPLEXITY	VERY LOW

Use Case Specification		
Use Case Specification		
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Author:	Version: 1.0	

USE CASE DATA	
UC ID	4
UC NAME	Remove User
DESCRIPTION	Remove a specified user
EXTENSIONS	None
EXCEPTIONS	None
LINKED USED CASES	None
NORMAL FLOW	
ACTORS	Admin
PRECONDITIONS	● Admin logged in ● User to be deleted already exists
ACTIVATION	● Admin: Clicks on the 'Users' Navigation item ● Admin: Press the delete button next to a user
DESCRIPTION	1. System: Send the request for elimination to the database 2. System: Confirm successful elimination 3. System: Show updated list of users
POSTCONDITION	User is deleted
ALTERNATIVE FLOW 1	
DESCRIPTION	**1.1. Database fails to eliminate user** 　　**1.1.1. System: Informs user of unsuccessful elimination** 　　**1.1.2. Return to 3.**
DECISION FACTORS	
FREQUENCY	Monthly
CRITICITY	Negligible
RISKS	None
COMPLEXITY	VERY LOW

USE CASE DATA	
UC ID	5
UC NAME	Browse Shop
DESCRIPTION	Allows browsing through the available products
EXTENSIONS	none
EXCEPTIONS	none
LINKED USED CASES	none
NORMAL FLOW	
ACTORS	Client
PRECONDITIONS	None
ACTIVATION	● clients views the initial website and wants to view the products
DESCRIPTION	1. Client: Presses button "View products" 2. System: Loads list of products with short descriptions and images from the database and displays a list of all of them 3. Client: Scrolls through list of products
POSTCONDITION	The client can see all available products in one comprehensive list
ALTERNATIVE FLOW 1	
DESCRIPTION	3.1 System: Detects changes in the database 3.1.1 System: updates changes in database in the list displayed to the client
ALTERNATIVE FLOW 2	
DESCRIPTION	1.1
DECISION FACTORS	
FREQUENCY	daily
CRITICITY	Negligible
RISKS	CF
COMPLEXITY	low

USE CASE DATA	
UC ID	6
UC NAME	Filter Categories
DESCRIPTION	Filters what is shown by Browse Shop with the desired categories
EXTENSIONS	None
EXCEPTIONS	None
LINKED USED CASES	Browse shop
NORMAL FLOW	
ACTORS	Client
PRECONDITIONS	
ACTIVATION	Clicked on Filter Categories from within Browse Shop
DESCRIPTION	1. System: Lists every category available 2. Client: Chooses the desired categories 3. Client: Presses the button that filters by the categories 4. System: Returns to Browse Shop where only the products matching only the given categories are shown
POSTCONDITION	
ALTERNATIVE FLOW 1	
DESCRIPTION	1.1
ALTERNATIVE FLOW 2	
DESCRIPTION	2.1
DECISION FACTORS	
FREQUENCY	Daily
CRITICITY	Negligible
RISKS	CF
COMPLEXITY	Low

	Use Case Specification		
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USE CASE DATA	
UC ID	7
UC NAME	Add to Cart
DESCRIPTION	Adds a product to a clients cart
EXTENSIONS	none
EXCEPTIONS	none
LINKED USED CASES	Browse Shop
NORMAL FLOW	
ACTORS	Client
PRECONDITIONS	None
ACTIVATION	Client browses through the list of products and sees an item he wants to buy
DESCRIPTION	1. Client: selects an item from the list of products he wants to add to the cart 2. Client: Presses button "add to cart" next to the selected product 3. System: Copies product information from database to the shopping cart collection and saves it there
POSTCONDITION	
ALTERNATIVE FLOW 1	
DESCRIPTION	1.1
ALTERNATIVE FLOW 2	
DESCRIPTION	2.1
DECISION FACTORS	
FREQUENCY	daily
CRITICITY	negligible
RISKS	CF
COMPLEXITY	low

	Use Case Specification		
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USE CASE DATA	
UC ID	8
UC NAME	Show Product Description
DESCRIPTION	A more detailed description and more photos of the product are shown
EXTENSIONS	None
EXCEPTIONS	None
LINKED USED CASES	Browse shop
NORMAL FLOW	
ACTORS	Client
PRECONDITIONS	The client needs to have a verified user profile and is logged in
ACTIVATION	Client is browsing through the list of products
DESCRIPTION	1. Client: Selects one product to view more information about by clicking on the image 2. System: Loads information about specific product from the database and displays description 3. Client: Presses button "Back to browse" to go back to the list of products 4. System: Switches back to the original list
POSTCONDITION	The client knows what product is about
DECISION FACTORS	
FREQUENCY	daily
CRITICITY	negligible
RISKS	CF
COMPLEXITY	medium

	Use Case Specification		
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USE CASE DATA	
UC ID	9
UC NAME	View/Modify Cart
DESCRIPTION	Shows the products the client has added and allows to modify their quantity
EXTENSIONS	None
EXCEPTIONS	None
LINKED USED CASES	Browse shop
NORMAL FLOW	
ACTORS	Client
PRECONDITIONS	None
ACTIVATION	Client has added at least one item to the cart
DESCRIPTION	1. Client: Presses button "view cart" 2. System: Accesses database information about the items in the cart and displays the quantity and short description of each in a list 3. Client: Modifies quantity of a product b pressing "Modify quantity" button and select the wanted quantity in a drop down list 4. System: Writes change of quantity to database and displays changed quantity in cart
POSTCONDITION	Client modified the cart to its ishes
DECISION FACTORS	
FREQUENCY	daily
CRITICITY	Marginal
RISKS	CF
COMPLEXITY	medium

Use Case Specification		
Project:	Date of inception:	**Ref. Nº**
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USE CASE DATA	
UC ID	10
UC NAME	Remove from cart
DESCRIPTION	Removes a product previously added to the cart
EXTENSIONS	None
EXCEPTIONS	None
LINKED USED CASES	Browse shop, view cart
NORMAL FLOW	
ACTORS	Client
PRECONDITIONS	Client is logged in Client has added at least one item to the cart
ACTIVATION	Client is in View Cart window and presses the "Remove from Cart" button
DESCRIPTION	1. System: Displays cart items 2. Client: Clicks on 'Remove from cart' button 3. System: Removes the item from the cart array 4. System: Sends successful operation message 5. System: Displays list of updated cart items
POSTCONDITION	Item is removed from the cart
DECISION FACTORS	
FREQUENCY	daily
CRITICITY	Marginal
RISKS	CF
COMPLEXITY	MEDIUM

USE CASE DATA	
UC ID	11
UC NAME	Sign Up User
DESCRIPTION	Registers User into the database
EXTENSIONS	None
EXCEPTIONS	None
LINKED USED CASES	None
NORMAL FLOW	
ACTORS	Client
PRECONDITIONS	None
ACTIVATION	From "Browse Shop" pressed "Sign up" button
DESCRIPTION	1. Client: Inputs their name 2. Client: Inputs their surname 3. Client: Inputs their email address 4. Client: Inputs a password 5. Client: Inputs password confirmation 6. Client: Presses button to Sign-Up 7. System: Registers the client into the database 8. System: Database successfully creates the client 9. System: Show client their user was created successfully
POSTCONDITION	Client has a user with which to authenticize and place orders
DECISION FACTORS	
FREQUENCY	Daily or Weekly
CRITICITY	Marginal
RISKS	CF
COMPLEXITY	Medium

	Use Case Specification		
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USE CASE DATA	
UC ID	12
UC NAME	Login User
DESCRIPTION	Leaves Client's credentials available to be used by an order, tracking packages on their way and Package History
EXTENSIONS	None
EXCEPTIONS	None
LINKED USED CASES	None
NORMAL FLOW	
ACTORS	Client
PRECONDITIONS	The client must already have a user registered.
ACTIVATION	The user is requested to login when trying to purchase or the user has pressed the sign in button available in Browse Shop
DESCRIPTION	1. Client: Inputs their Client Number 2. Client: Inputs their password 3. Client: Presses login button 4. System: Validates user 5. System: Returns to previously called Use Case
POSTCONDITION	The client has logged in
ALTERNATIVE FLOW 1	

DESCRIPTION	4.1 Client Number inputted is not a valid Client Number
	    4.1.1 System: Displays error notice
	    4.1.2 Returns to 1 but with the fields already filled

ALTERNATIVE FLOW 2	

DESCRIPTION	4.1 Client Number does not match password
	    4.1.1 System: Displays error notice
	    4.1.2 Returns to 1 but with the fields already filled

DECISION FACTORS	
FREQUENCY	Daily
CRITICITY	Marginal
RISKS	CF
COMPLEXITY	Medium

	Use Case Specification	
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USE CASE DATA	
UC ID	13
UC NAME	Place Order
DESCRIPTION	To finish the purchase the client needs to confirm the order
EXTENSIONS	None
EXCEPTIONS	None
LINKED USED CASES	View cart, show order details, input address, authorize order
NORMAL FLOW	
ACTORS	Client
PRECONDITIONS	Client is logged in and is currently viewing the shopping cart
ACTIVATION	Client finished modifying the cart and wants to place an order
DESCRIPTION	1. System: Shows ordered products and quantity to the client 2. Client: Presses "Place order" button 3. System: Shows Mercado Pago API 4. System: Gets confirmation of transaction 5. System: Passes information about ordered products and quantity to delivery service 6. System: Sends "order confirmed" message
POSTCONDITION	Order is placed successfully
ALTERNATIVE FLOW 1	

DESCRIPTION	3.1. Transaction was not completed successfully
	    3.1.1. System: Is informed of failed transaction
	    3.1.2. Returns to 1

ALTERNATIVE FLOW 2	

DESCRIPTION	1.1. The client cancels the order
	    1.1.1. Client: Presses "Return to cart" button
	    1.1.2. Returns to Use Case "View Cart"

ALTERNATIVE FLOW 3	

DESCRIPTION	1.1. The client cancels the order
	    1.1.1. Client: Presses "Return to cart" button
	    1.1.2. Returns to Use Case "View Cart"

DECISION FACTORS	
FREQUENCY	daily
CRITICITY	negligible
RISKS	CF
COMPLEXITY	medium

	Use Case Specification		
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USE CASE DATA	
UC ID	14
UC NAME	Input Address
DESCRIPTION	Input of delivery address
EXTENSIONS	None
EXCEPTIONS	None
LINKED USED CASES	Place order
NORMAL FLOW	
ACTORS	Client
PRECONDITIONS	Client is logged in and has placed an order for items in his cart
ACTIVATION	Client is in the process of finishing the order
DESCRIPTION	1. System: Displays a field to enter the delivery address 2. Client: Enters his address and presses "Confirm" 3. System: Saves the address in a database to pass it on to the delivery company
POSTCONDITION	Address is successfully transferred to the delivery service
ALTERNATIVE FLOW 1	

DESCRIPTION	2.1 The delivery address provided is not a valid address
	    2.1.1. System: Informs user the inputed address has the wrong format
	    2.1.2. Goes to 2 but with the form filled with what the user previously inputted

DECISION FACTORS	
FREQUENCY	Daily
CRITICITY	Marginal
RISKS	CF
COMPLEXITY	Medium

	Use Case Specification		
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USE CASE DATA	
UC ID	16
UC NAME	Show Order Details
DESCRIPTION	Show detailed description of quantity of ordered products, delivery address
EXTENSIONS	None
EXCEPTIONS	None
LINKED USED CASES	Place order
NORMAL FLOW	
ACTORS	Client
PRECONDITIONS	An order has been made by the client
ACTIVATION	Client presses Show Order Details button
DESCRIPTION	1. System: displays order information (order number, products and their quantities)
POSTCONDITION	Client has clear information about its order
DECISION FACTORS	
FREQUENCY	Daily
CRITICITY	Negligible
RISKS	CF
COMPLEXITY	Very low

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USE CASE DATA	
UC ID	17
UC NAME	Track Package
DESCRIPTION	Enables the client to track the status of his packages
EXTENSIONS	None
EXCEPTIONS	None
LINKED USED CASES	None
NORMAL FLOW	
ACTORS	Client
PRECONDITIONS	Client needs to be logged into his account and must have recently placed an order
ACTIVATION	Client presses button "view purchases"
DESCRIPTION	1. System: displays the most recent purchases saved in the database 2. Client: selects purchase he wants to track and presses button "track package" 3. System: Requests delivery status from the delivery service system and displays the status to the user
POSTCONDITION	The client is informed about their package status
DECISION FACTORS	
FREQUENCY	Weekly
CRITICITY	Negligible
RISKS	CF
COMPLEXITY	Very low

PET PACK

WE LIKE PETS

	Use Case Specification		
Project:		Date of inception:	**Ref. Nº**
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USE CASE DATA	
UC ID	18
UC NAME	Change Package Status
DESCRIPTION	An employee changes the state of the delivery order
EXTENSIONS	None
EXCEPTIONS	None
LINKED USED CASES	None
NORMAL FLOW	
ACTORS	Delivery; Package Packer
PRECONDITIONS	An order has been placed by a client
ACTIVATION	The delivery or package packer has pressed change status button
DESCRIPTION	1. Delivery; Package Packer: Selects an order from given orders 2. Delivery; Package Packer: Selects a valid package status 3. System: Updates package status
POSTCONDITION	Package status has changed
DECISION FACTORS	
FREQUENCY	Daily
CRITICITY	Negligible
RISKS	CF
COMPLEXITY	Low

USE CASE DATA	
UC ID	19
UC NAME	Show Package History
DESCRIPTION	Shows previous order details
EXTENSIONS	None
EXCEPTIONS	None
LINKED USED CASES	None
NORMAL FLOW	
ACTORS	Client
PRECONDITIONS	The user must be log in
ACTIVATION	The user presses Show Package History in Browse Shop interface
DESCRIPTION	1. System: displays every order the client has received since their registration day
POSTCONDITION	The user has information about its orders in the past
ALTERNATIVE FLOW 1	
DESCRIPTION	1.1 If no orders have been placed by the client 1.1.1 System: "No order has been placed yet" is displayed
DECISION FACTORS	
FREQUENCY	Weekly
CRITICITY	Negligible
RISKS	CF
COMPLEXITY	Low