

ID and name	CU01: Log in		
Primary actor	ShopUser	Secondary actors	
Description	Any important activity (buy painting, add painting, etc.) on the site needs a ShopUser to be logged in with an account.		
Trigger	The ShopUser wants to do an important activity.		
Preconditions	PRE1. The ShopUser needs to create an account using Sign Up (except admins)		
Postconditions	POST1. The site shows a confirmation message		
Normal flow	1.The ShopUser inputs the account information 2.The server validates the inputs and then sends a confirmation message		
Alternative flows	User inputs incorrect information: 1.The ShopUser inputs wrong information about the account 2.The server sends a warning message 3.The ShopUser inputs the right account information Return to Normal flow at 2		
Exceptions			

ID and name	CU02: Edit Profile		
Primary actor	ShopUser	Secondary actors	
Description	This is for users who want to change important details (password, personal info, bank account details, the email) about their account		
Trigger	The user wants to change information about his account		
Preconditions	PRE1. The ShopUser must be logged in.		
Postconditions	Post1. The system displays a confirmation message.		
Normal flow	<ol style="list-style-type: none"> <li>1. The user selects edit profile</li> <li>2. The server display the current information about his details (except the password)</li> <li>3. The user choses what details wants to change, he gives the input, and then submits it</li> <li>4. The server makes the changes and returns a confirmation message.</li> </ol>		
Alternative flows	<p>The user has input the wrong current password when he wanted to change his password:</p> <ol style="list-style-type: none"> <li>1.The user inputs the wrong password when he tries to change his old password with a new one</li> <li>2.The system returns a message that his input is incorrect</li> <li>3.The user inputs the correct password</li> </ol> <p>Return to normal flow at 4</p>		
Exceptions			

ID and name	CU03: View Paintings		
Primary actor	Buyer	Secondary actors	
Description	This offers information about the painting (dominant color, type, price, how it looks via an image, artist that made it)		
Trigger	The buyer wants to view the paintings before he buys them		
Preconditions	PRE1. The buyer must be connected to view the paintings		
Postconditions	Non		
Normal flow	1.The buyer selects a painting 2.The system displays the information about the painting		
Alternative flows			
Exceptions			

ID and name	CU04 – Buy Paintings		
Primary actor	Buyer	Secondary actors	Artist, Bank
Description	<p>After the buyer choses what paintings he wants to buy, he finalizes</p> <p>The command by selecting what method of payment (delivery, credit card) he wants to use</p>		
Trigger	The buyer wants to buy the selected paintings		
Preconditions	PRE1. The buyer must be logged in		
Postconditions	POST1. The system displays a confirmation message		
Normal flow	<ol style="list-style-type: none"> <li>1. The buyers signals that he wants to finish his command</li> <li>2. The system ask information about: name, address, method of payment</li> <li>3. The buyers inputs that information, selects the delivery method of payment and then submits it</li> <li>4. The system checks the information, then makes the transaction,</li> </ol> <p>deletes the painting from the database and displays a confirmation message</p>		
Alternative flows	<p>The user has saved personal data:</p> <p>From normal flow at 2:</p> <ol style="list-style-type: none"> <li>2 The system autocompletes with the personal information (name, address) and selects delivery method of payment.</li> <li>3. The buyer confirms the input and the submits it</li> </ol> <p>Return to normal flow to 4</p> <p>The user wants to pay with it credit card information:</p> <p>From normal flow at 3:</p> <ol style="list-style-type: none"> <li>3.1. The buyer selects the credit card method of payment</li> </ol>		

	<p>3.2. The system asks about his card information</p> <p>3.3. The buyer inputs the information</p> <p>3.4. The Bank System confirms the input, extracts the sum from the bank account of the buyer and then puts 80% of the sum in the artist account and the rest to the owner of site's bank account (if the painting is promoted, the artist gets 100% of the price). Return to normal flow at 4</p>
Exceptions	

ID and name	CU05: Rate Artist		
Primary actor	Buyer	Secondary actors	Artist
Description	If the buyer is satisfied or not with an artist, he can choose to rate an him (positive or negative)		
Trigger	The buyer wants to rate an artist		
Preconditions	PRE1. The buyer must be logged in		
Postconditions	POST1. The system displays a confirmation message		
Normal flow	1. The buyer selects the artist he wants to rate 2. The system ask what type of rate (positive or negative) 3. The user chooses one 4. the system updates the Artist rating and the displays a confirmation message		
Alternative flows			
Exceptions			

ID and name	CU06: Add Painting		
Primary actor	Artist	Secondary actors	
Description	Artist can set a post to sell their painting with their price.		
Trigger	The artist wants to sell his art using the site		
Preconditions	PRE1. The artist must be logged in		
Postconditions	POST1. The system displays a confirmation message		
Normal flow	1.The artist inputs (image of the painting, price, etc.) information about the painting and submits it 2. The system validate the inputs. If validated, the system displays a confirmation message		
Alternative flows	Artist sets the price $\leq 0$ : 1. The artist inputs for price 0 1.1. The system displays a warning message 1.2. The artist inputs a new price $> 0$ Return to normal flow at 2		
Exceptions			

ID and name	CU07: Edit Painting		
Primary actor	Artist	Secondary actors	
Description	The artist can change his posts (name of the painting, price, etc.)		
Trigger	The artist wants to change a post that he made		
Preconditions	PRE1.Artist must be logged in PRE2.Artist must have one or more painting posts		
Postconditions	POST1. The system displays a confirmation message		
Normal flow	1.The artist selects the painting to edit 2.The system updates the post and gives a confirmation message		
Alternative flows	Artist sets the price $\leq 0$ : 1. The artist updates price with 0 1.1. The system displays a warning message 1.2. The artist inputs a new price $> 0$ Return to normal flow at 2		
Exceptions			



ID and name	CU08: Promote Painting		
Primary actor	Artist	Secondary actors	
Description	If the artist wants his paintings to be expose (being one of the first showing), he can pay for his painting to be promoted. This way the artist gets 100% of the price when one of the paintings is bought		
Trigger	The artist wants to have more exposers with his paintings or wants to get the 100% price.		
Preconditions	PRE1. The artist must be logged in PRE2. The artist must have one or more painting		
Postconditions	POST1. The artist gets a confirmation message POST2. The View Painting must show the promoted picture with the other that are promoted first.		
Normal flow	1. The artist selects the promote option 2. The system ask what type of promotion he wants (7 – days,14-days, 30-days ,they have different costs). 3. The artist selects one of the options 4. The system verify if the artist has enough credits. If he does, the system updates the credit, promotes the painting and displays a confirmation message		
Alternative flows	The artist doesn't have the amount of credits for the chosen option: From normal flow at 4: 4. The system displays a warning message about the amount of credits. 4.1. The user selects the right option (within his credit amount) Return to normal flow at 4		
Exceptions			

ID and name	CU09: Buy Credits		
Primary actor	Artist	Secondary actors	Bank
Description	If the user wants to buy promotions, he needs to buy credits.		
Trigger	The artist wants to buy credits for promotion		
Preconditions	PRE1. The artist must be logged in		
Postconditions	POST1. The artist gets a confirmation message POST2. The new balance of the credit will be updated		
Normal flow	1.Artist selects the option to buy credits 2. The system ask for the amount of credits the artist wants to buy 3. The artist inputs the number of credits 4. The system verify the input. The bank system makes the transaction, and the system adds the amount of credits bought.		
Alternative flows			
Exceptions	The artist doesn't have enough currency in his bank account: From normal flow at 4: 4. The bank system sends an error message about insufficient funds		

ID and name	CU10: Delete Painting		
Primary actor	Admin	Secondary actors	Artist
Description	If the Admin considers that a painting is offensive in any way shape or form, he can delete the painting		
Trigger	The admin finds the painting offensive		
Preconditions	PRE1. The admin needs to be logged in PRE2. There must be at least 1 painting		
Postconditions	POST1. The system displays a confirmation message POST2. The system deletes from database the painting		
Normal flow	1.The admin selects from the list of paintings a painting, and then chooses to delete it 2. The system deletes the painting and then displays a confirmation message		
Alternative flows			
Exceptions	The painting is bought before the admin can delete it: From normal flow at 2: 2.The system can't find the painting so it returns a warning message that the painting doesn't exist anymore.		

ID and name	CU11: Count paintings by type		
Primary actor	Admin	Secondary actors	
Description	The admin can see what type of painting and how many were sold the most.		
Trigger	The admin wants to collect more information about the type of paintings the buyers are more likely to buy.		
Preconditions	PRE1. Admin must be logged in PRE2. There must be at least 1 painting sold		
Postconditions	POST1. The system displays paintings, grouped by type and sorted by amount bought.		
Normal flow	1.Admin selects the option to count the paintings by type 2. The system displays paintings, grouped by type and sorted by amount bought.		
Alternative flows			
Exceptions			