Use cases

Manage user

Manage posts

Manage conversation

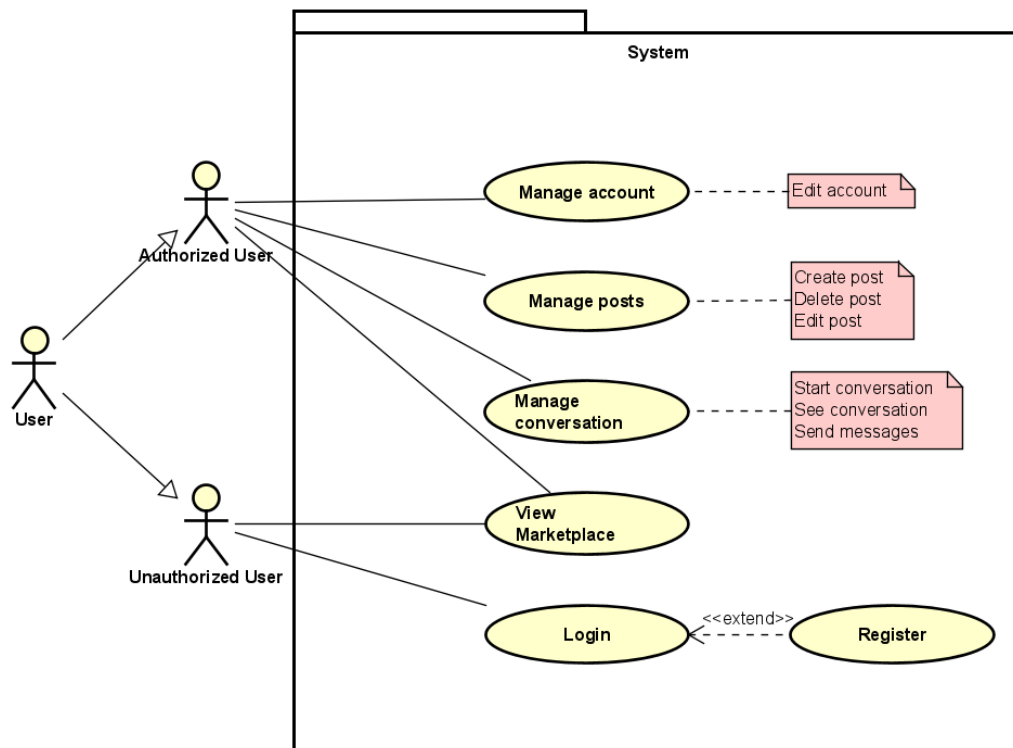Login

View Marketplace

Register

Requirements covered:

Use case:	Requirements:
Manage account	9,18
Manage posts	2,10,20
Manage conversation	3,6,7
Login	1
View Marketplace	4,5, 20
Register	1

Use case diagram

Use cases – Brief Description

Manage account – A user will need an account in order to access this feature. The user presses the profile icon, and he will be redirected to another page. On that page it will show all the information about the user. If the user wants to edit his profile, he presses the edit button and chooses the area he wants to change. The user can log out from his account by pressing the log out button.

Manage posts – A user will need an account to access most of the functions. The user presses the new post button and starts introducing all the necessary information required to create a post. Another user logs on to the website, sees the post and starts talking to the seller. The user ends up buying the product, and goes to the seller's profile, writes a nice comment, and gives the seller a positive rating. Now the seller goes to his post marks it as SOLD or deletes the post entirely so that he won't be contacted again for a product he sold.

Manage conversation – A user sees an item, decides to buy the item and messages the seller. Afterwards they have a conversation about the item, and important information about the product and price and plan to meet up. The user looks on the chat again, finds the address in the chat and goes there.

Login – A user needs an account in order to login and to have access to manage user, manage posts and manage conversations. Without an account, the user can see only the marketplace.

View Marketplace – The user presses the marketplace button, and in another window, it will show all the listened items. The user can also filter the items by his preference.

Register – The user can register by pressing the create user button. He will be redirected to another page, where the system will require all the necessary information in order to create an account. When the user completes all the fields, and presses the register button, the account will be saved. The user can log in with the newly created account.

Use Cases – Fully Dressed Description

Use case	Manage account
Summary	The user can edit his account
Actor	User
Precondition	The user's must be logged into his account.
Postcondition	The information about the user is saved.
Basic Scenario	Manage account 1. The actor logins to his account 2. The actor presses the profile icon button 3. A window will be shown with the actor's information 4. If the actor wants to edit his profile, he chooses what he wants to edit 5. When the actor entered new data, he presses the submit button 6. The new information is saved
Alternative Scenario	If the actor wants to log out from the account, he needs to press the log out button.
Exception	If one of the fields or more are empty, an error will be shown.

Use case	Manage posts
Summary	The user can create/edit/delete a post.
Actor	User
Precondition	The user must be logged into his account.
Postcondition	The details and information for the post will be saved into a database.

Basic Scenario	Create Posts
	
	    1. The actor logins to his account
	    2. The actor presses the marketplace button
	    3. A window will be shown with all items that are for sale and their description
	    4. If the actor wants to sell an item, he needs to press the create item post button
	    5. A window will be shown, where the actor can add all the necessary information about the item
	
	Edit Posts
	
	    1. The actor presses my item button
	    2. The actor chooses the item, and presses the edit item button
	    3. A window will be shown with the item where the actor can change the details about the post.
	    4. To save the changes, the actor should press the submit button below, and the changes will be saved
	
	Delete Posts
	
	    1. Users can delete the post by pressing the delete item button.
	    2. The item will be deleted from the marketplace

Alternative Scenario	
Exception	If one of the fields or more are empty, an error will be shown.

Use case	Manage conversation
Summary	The user can message the seller about the item he wants to buy
Actor	User
Precondition	The user must be logged in his account.
Postcondition	The conversations are saved on user's account.
Basic Scenario	Manage Conversation 1. Actor logins to his account. 2. The actor presses the marketplace button 3. A window will be shown with all the listened items from marketplace 4. The actor chooses the item he wants to buy 5. If the actor wants to message the seller, he presses the message the seller button 6. The actor will be redirected to his messages, where he can write to the seller
Alternative Scenario	If the actor is not logged into his account, he can see only the items from marketplace, but he can't write to the seller.
Exception	

Use case	Login
Summary	The user logs into the system, to have access to all features
Actor	User
Precondition	The email should be registered in the system
Postcondition	The user is logged into their account
Basic Scenario	Login 1. The actor enters data for -Email -Password 2. The actor logs in 3. The system verifies the actor's credentials 4. The actor is logged into the system
Alternative Scenario	1. If an account with the specified credentials is not registered into the system -The actor will not be logged in 2. The email/password does not match -The system will display an error message
Exception	If one of the fields or more are empty, an error will be shown.

Use case	View Marketplace
Summary	The user views, sorts and filters the items in the marketplace as well as viewing an item's details.
Actor	User
Precondition	
Postcondition	
Basic Scenario	View Marketplace 1. The system displays items from the marketplace 2. The actor selects a specific item to view its details 3. The system displays the item's details

Alternative Scenario	The actor wants to filter items based on an item currency.
	
	   1. The actor selects the currency he wants for the item
	   2. The system will show the item with that currency
	
	The actor wants to filter items based on an item category.
	
	   1. The actor selects the category he wants for the item
	   2. The system will show the item with that category
	
	The actor wants to filter items based on a price range.
	
	   1. The actor selects the minimum and maximum price for the item
	   2. The system will show the item with that price range

Exception	

Use case	Register
Summary	The user register into the system as a customer
Actor	User
Precondition	
Postcondition	A customer is registered in the system
Basic Scenario	Register 1. The actor enters data for -Firs Name -Last Name -Email Address -Password -Phone Number -Gender 2. The actor presses the register button 3. The system validates the information 4. The system registers the account
Alternative Scenario	
Exception	If one of the fields or more are empty, an error will be shown.