Adding Objects

Underline each noun or noun phrase in the statement and treat it as a potential object. Objects identified in this way can be put into four categories:
- Objects or Classes of interest
- Actors
- Irrelevant objects
- Attributes of objects

User Story

Art gallery is an online interface used to buy art; we have used different pages for different purposes on this website. The art gallery allows people to buy any sort of art piece one desires, contact free. It is all taking place online, from the part where you find about your artist to the part you ask all sorts of questions. Each page performs a vital role in this website, for example the artist page consists of each artist's description, where they belong from the painting they made and other paintings they have created. This helps the buyer connect to the artist on a different level.

Home Page- The page where all the important information is displayed, the news and other important information is displayed.

Artist Page- The page where the buyer can really connect with the artist, and the buyer will learn more about the type of art the artist creates.

FAQ Page- The FAQ page is so the buyer can answer questions about the art. They will get a reply within 2 days.

Login Page- The login page is where one login to buy art.

Logout Page- After logging out you'll see a page where it says logged out.

About Us Page- The page where one can know all about this online website, why it was created, when it was created, why it was created and etc.

Contact Us Page- This page will consist of the telephone number, whatsapp number, email and others ways to contact.

Sales Page- The sales page is where the buyer will select the desired art pieces and can proceed with the payment .

Collection Page- This page will give you a better version of the art. You will be able to zoom on each picture to view it clearly.

2.). Create a table capturing the noun phrases and their category. In the category column add comments about the noun phrases.

Noun Phrases	Object	Attribute	Actors	Irrelevant
Buyer, Artist			Vital Actors	
Sales Page /Collection Page /Home Page /Contact Us Page	Important Concepts			
About Us/ .Artists Page		Attributes of Information		
		website and artist		
Login/Logo utPage		Attributes of Website Security		
Payment Option	Potential Objects			
Telephone Number/em ail				Parts of Pages (not very important)
FAQ's Page				Does not require

Adding Classes

3.)Take the results of this table and group any of the objects that might be represented by a single class. For example you might find that you have 2 objects that are of the same type.
Class 1:Sales Page
Class 2:Collection Page
Class 3:Home Page
Class 4:Payment
Class 5: Contact Us Page

All defined object are the parts of the main website Interface Class

Adding Attributes to the Classes

5.). Go through the attributes defined in the table you produced to define classes and decide if these attributes should be represented as a primitive or an object.

Attribute	Class	Primitive/ Object
About Us/ Artists Page	Attributes of Information website and artist	Primitive
Login/Logout Page	Attributes of Website Security	Objective

Adding Attributes to the Classes

7.) Study the Use Case looking for verbs and prepositions describing relationships between model entities. Look for relationships such as:
a. Physical or organizational proximity such as "below" and "under";
b. Control, coordination, or influence such as "reports to", "consults", "monitors";
c. Creation, destruction, or modification such as "initiates", "edits";
 d. Communication such as "sends", "signals", or "interrupts";

e. Ownership or containment relationships such as "owns", "contains", "inside".

Entity 1	Entity 2	Relationship
Clicks Login/SignUp Button	Art Gallery Website	Confirms/Enable to access the website
Art Gallery Website	Clicks LogOutButton	Confirms user left the site
Sales Page	Payment Option	Allows to pay for the selected art pieces
Collection Page	Art Pieces	Display art to view
Home Page	About Page	Enables to go about page0
Artists Page	Artists Information	Display name, and achievements of artists
Contact Us Page	Submit Button	Sends from to the server
FAQ's Page	List of Questions	Display most asked questions
Quantity of Art Pieces	Confirm quantity and checkout	Sends data to the server

Class Responsibility Table

Class	Responsibilities
Sales Page	Controls the amount of art you want to buy and the total amount of money which will be charged.
Collection Page	Has a zoom feature so the art is really clear.
Home Page	Give all the new updates to the user.
Payment	Controls the payment methods, such as paying with a visa.

| Contact Us Page | Has all the information about how to contact the website, such as phone number. |