

ASSESSMENT/ASSIGNMENT 1: WEB APPLICATION DESIGN REPORT

DESCRIPTION

A PARAGRAPH (5-6 LINES) ABOUT THE MARKETPLACE. THE TOPIC OF THE MARKETPLACE, THE IMPORTANT DETAILS OF THE ITEMS THAT ARE BOUGHT OR SOLD IN THE MARKETPLACE

The Art marketplace will enable the purchasing and selling of art, the categories of art range from, drawings, fine art, mixed media, posters, prints and sculpture. Though the details for the items maybe, the type of art (abstract, realism, cityscape, ect) the date of the piece, who the artist is, date of birth, death of the artist, dimensions/size and where it ships from. Although the type of art can be considered a subcategory and could be in relation to the type of art, like a one to many relationship, one type of art may have many types of subcategories.

USER STORIES

PREPARE USER STORIES FOR THE REQUIREMENTS. A USER STORY CAN DETAIL ONE OR MORE REQUIREMENTS. A USER STORY PREFERABLY SHOULD BE SHORT (NO MORE THAN 3-4 SENTENCES) AND LIST THE ACCEPTANCE CRITERIA.

USE CASE 1

TITLE: PURCHASING A WW2 ART PIECE

ACTOR NAME: BRAD COOPER (CUSTOMER)

SUCCESS SCENARIO: BEING ABLE TO FIND AND PURCHASE THE ITEM ONLINE

As a customer I want to be able to find an original historical Second World War poster made by Norman Lindsay. I need to be able to easily navigate the website to find what I'm looking for. This is because I want to add it to my personal World War Collection on Australian History.

USE CASE 2

TITLE: SELLING A RENOWN WW2 PROPAGANDA POSTER

ACTOR NAME: BURG ZUCKER (SELLER)

SUCCESS SCENARIO: BEING ABLE TO LIST AN ITEM FOR SALE OR FOR AUCTION

As a seller I need to sell an old second world war poster that I inherited, it was made by Norman Lindsay, somewhere around the year 1914. I need to be able to provide a description and the ability to auction this piece to the highest bidder. The reason I want to do this is because I have no need for it and I've heard that Norman Lindsay's work can return a decent sum.

USE CASE 3

TITLE: REGISTER AS AN INDIVIDUAL ARTIST

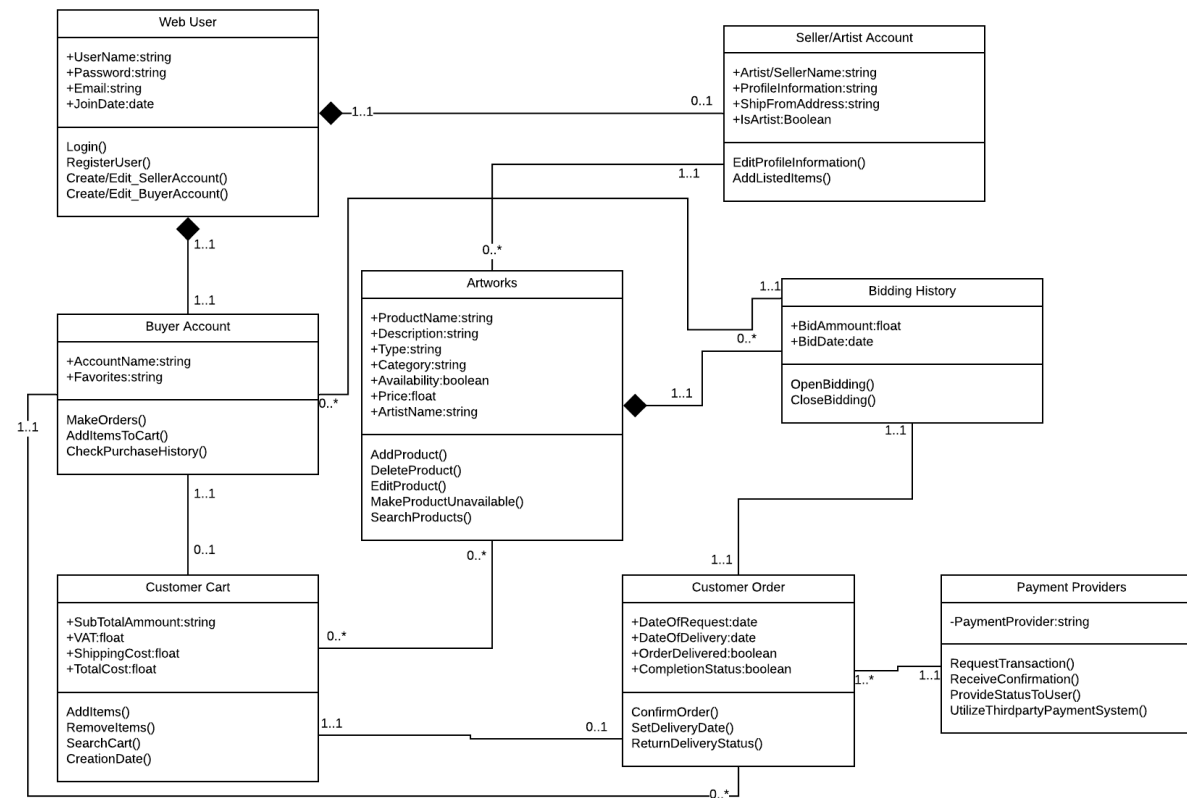
ACTOR NAME: DUCK DONALD (ARTIST)

SUCCESS SCENARIO: ACCOUNT CREATED AND USER IS READY TO BEGIN SELLING

As an artist, I want to be able to sell my work that I created myself. I need to be able to create a personal seller account as I am not associated with an artistic studio of any type and I need to add information about me as an artist. This is because I will soon be able to start selling on this platform as an artist and maybe get featured if I'm fortunate.

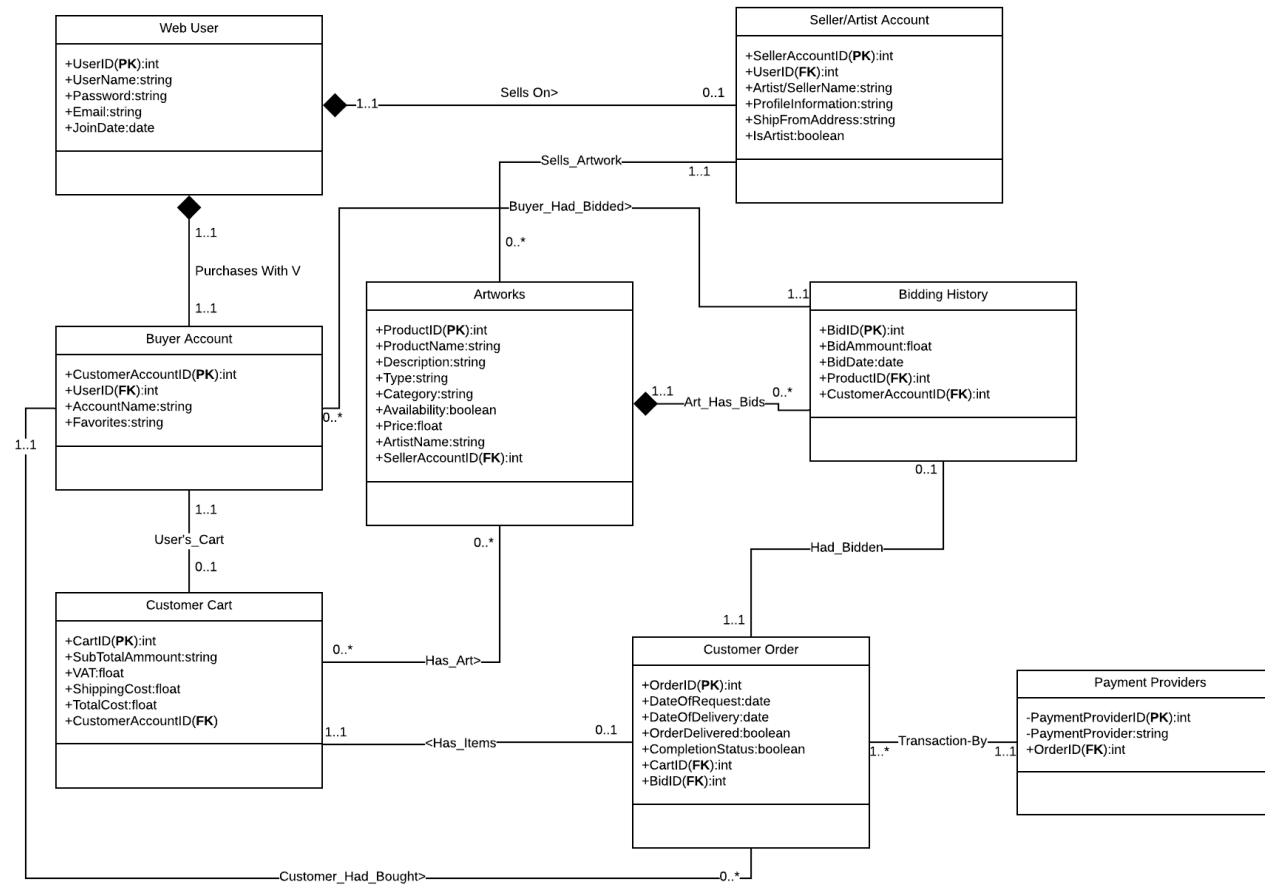
CONCEPTUAL MODEL

WITH THE USER STORY AS A REFERENCE, IDENTIFY THE OBJECTS, THEIR BEHAVIOUR, RELATIONSHIPS AND MULTIPLICITY. PLEASE USE UML CLASS DIAGRAM TO REPRESENT THE CONCEPTS, THEIR ATTRIBUTES AND THE BEHAVIOUR. YOU CAN USE ANY OPEN SOURCE UML EDITOR FOR THIS PURPOSE (E.G. [HTTPS://WWW.LUCIDCHART.COM/](https://www.lucidchart.com/))



DATABASE DESIGN

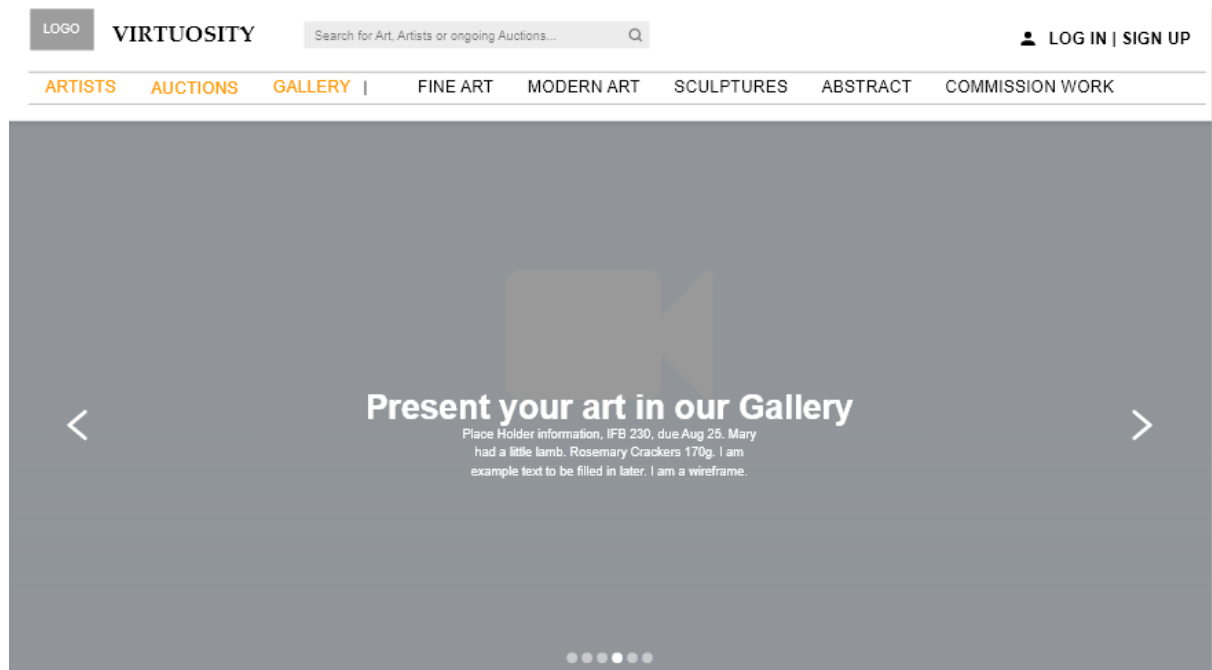
DESIGN THE DATA MODEL USING UML IDENTIFYING CLASSES, ASSOCIATIONS, MULTIPLICITY. YOU COULD USE LUCID CHART ([HTTPS://WWW.LUCIDCHART.COM/](https://www.lucidchart.com/)) FOR THE UML MODEL



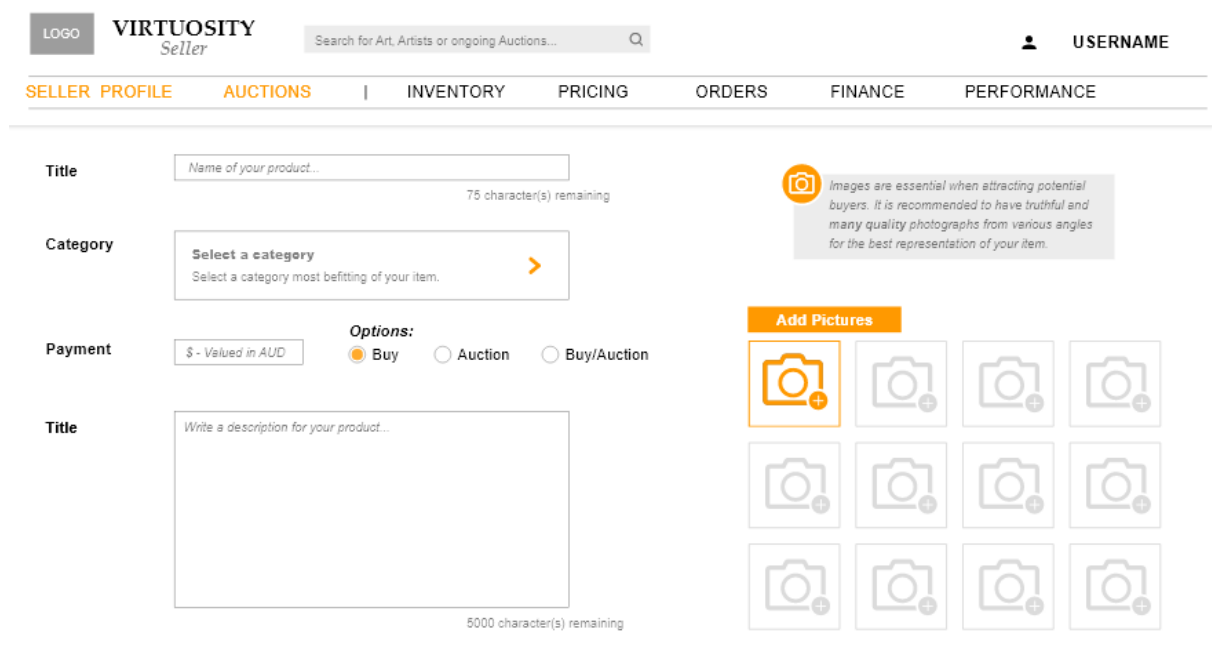
WIREFRAMES

PROVIDE WIREFRAMES FOR THE FOLLOWING:

1. LANDING/INDEX PAGE OF THE MARKET PLACE



2. PAGE THAT ALLOWS SELLER TO CREATE A PRODUCT/SERVICE



3. PAGE PROVIDING THE DETAILS OF THE PRODUCT/SERVICE.

The reason there is less of a navbar is because I want it to collapse when scrolling down.

