1.
Software Requirements Specification

for

ArtCurator - "Where art meets interest"

Version 1.0 approved

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12-01-2021

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A. Introduction

a. Purpose

The purpose of the document is to collect and analyze all assorted ideas that have come up to define the system, its requirements with respect to buyers and sellers.

In short, the purpose of this SRS document is to provide a detailed overview of our software product, its parameters and goals. This document describes the project's target audience and its user interface, hardware and software requirements. It defines how our team and audience see the product and its functionality.

b. Intended Audience

This document is intended for developers, project managers, marketing staff, users, testers, and documentation writers. This SRS furthermore contains all the functional and nonfunctional requirements along with software and hardware requirements. This will also include user classes and characteristics, operating environment and user documentation which will guide users on how to use the system.

c. Project Scope

We aim to provide an online service to artists all over the world to put forward their body of work on our site for the whole world to see and for the end users to curate their body of work and also enable a safe and secure transaction of the art. We will further extend the project by adding a vendor service which will enable vendors all over the world to register their services on our system and end users to gather information about a specific service he or she's interested in. The system is based on a relational database with its art selling and buying functions. Above all, we hope to provide a comfortable user experience along with the best pricing available.

d. Document conventions

This document uses the following conventions.
DB - Data Base
ER - Entity Relationship
JPA - Java Persistence API
JWT-Java Web Tokens

B.   Overall Description

a.   Product Perspective

This is a follow up on a family of e-commerce websites. We are planning to make easier interaction of art and it's interests.We are bridging the gap between artists and the fellow buyers.

Art details :- It includes all the details of a particular art.
Seller details :- It includes all the details of a particular seller.
Order details :- It includes details of a particular order.

b.   Product Features

This product aims to provide artists/sellers with the ability to add their oeuvre to the system, remove the product/item, view all of his unsold art along with all of his sold arts.
We are also developing a buyer module in which end users will be able to curate the arts, and buy the art in a safe and secure manner. There will be a wallet service with which customers can do prepaid payments and artists can be paid directly in their wallets.

c.   User Classes and Characteristics

The system will support two types of users. One type of user aka seller will add their art to the system and will be able to monitor the sold and unsold arts. He or she will be able to be paid directly through the wallet and also can check transaction history.
The other type of user which is the buyer will be able to curate the art and select it according to his choice of category, adding it to the cart and then checking it out. The payment will be made through a wallet.

Seller should be able to,
   1) Add his/her art.
   2) Remove his/her art.
   3) Display all his/her arts.
   4) Check all of his/her orders.
   5) Check all of his/her transactions.
   6) Check personal information.

Buyer should be able to,
   1) Display all arts.
   2) Add particular art to the cart.
   3) Check cart.
   4) Check out and place an order.

5) Check his order history.

Rest functionality can be checked out below in the functional requirements.

d.   Design and Implementation Constraints

This system will be deployed using Jenkins tool which requires heavy duty memory and heavy processing speed which will impede the software development process. So the total time required will be higher.

C.   System Features

a.   Customer/Buyer

3.1.1   Functional Requirement

	FUNCTIONAL REQUIREMENT	DESCRIPTION
1.	Homepage	Displays all the available products
2.	Search bar	Customer can search a particular product
3.	Registration	Customer should be registered before buying
4.	login	If already registered ,customer needs to login using registered credentials
5.	Forgot Password	To retrieve/reset your password
6.	Cart	Display all added order in the cart and their subtotal.
7.	Add to cart	Products can be added in the cart
8.	Remove from cart	Products can be removed from the cart
10.	My Orders	System should display the order history of the user.
11.	Change Password	Customer can change password
12.	Update Address	Customer can change their delivery address
13.	Update Phone	Customer can update his/her registered phone number
14.	Update security question	Customer can update security question
15.	Add money	Customer can add money into the account
16.	View money	Customer can check balance amount
17.	View transactions	Customer can view all the money

		transactions made in this account
18.	Logout	Customers can logout at any time.

b.   Seller/Artist

3.1.1   Functional Requirements

	FUNCTIONAL REQUIREMENT	DESCRIPTION
1.	Homepage	Displays all their available products
2.	Search bar	Seller can search for their products
3.	Registration	Seller should be registered.
4.	Login	If already registered ,Seller needs to login using registered credentials
5.	Forgot Password	To retrieve/reset your password
6.	My Art	1. Display all the unsold arts. 2. Users can remove any product.
7.	Add to Gallery	Products can be added into the gallery.
8.	Remove from Gallery	Products can be removed from the gallery.
9.	MyInfo	1. personal information --name,emailId 2. Account role 3. Address
10.	My Orders	1. shows all current and previous orders history. 2. The Seller can cancel the current order.
12.	Change Password	Seller can change password

13.	Update Address	Seller can change their delivery address
14.	Update Phone	Seller can update his/her registered phone number
15.	Update security question	Seller can update security question
16.	View money	Seller can check balance amount
17.	View transactions	Seller can view all the money transactions made in this account
18.	Logout	Seller can logout at any time.