Your Museum

SRS

Introduced By Author or Company Name

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| --- | --- | --- | --- | --- |
| Version | Written By | Reviewed By | Approved By | Date |
| 0.X |  |  |  |  |
| 1.X |  |  |  |  |

# Introduction

**Executive Summary**

Overview of product.

**Document Overview**

Overview of the document.

**Abbreviations and Terminologies**

Table of abbreviations and terminologies.

**References**

List of external references.

# System Description

## Introduction

Online museum is a web site that help people who can’t afford to visit real museums to see ,appreciate ,and learn from different kind of arts from around the world, and the site also provide an online opportunity for museums ,amateur artists , professional artist to display their art work and monuments , and the site also provide a service where users can buy and sell their art work .

**Users**

* Regular users

Regular people who are interested and want to experience art and monuments. and amateur artists who want to display their art and take feed back from people have the choice to do so as a regular user.

* professional individual artists

professional artists who already have been known for their art also can use the website to display and sell their new work.

* Museum representative

museums can display monuments and art they have and let people rate it and it serve as a way of advertisement and sharing the knowledge.

* Site administrator/content manager

**Modules**

* Museum module

This module is where different museums can have an account and display some of their monuments, and as a sub module every museum can have a gift shop where users “viewers” can buy souvenirs, and users with accounts can see pictures of different kind of monuments and art, with a brief history or a description.

* auction module

This module is where owners of rare arts got to sell their piece and to decide the starting price of the piece, period of the auction. then it allows other users to participate in the auction and then eventually buy the piece. the site will charge for this service.

* Exhibition module

In this module professional artists can display their work and decide a price for their work, sell their work, and for regular people to buy some professional art online. the site will charge for this service.

* Community module

Open to users with regular subscription, here amateur artists can share any kind of art and let other people rate it and comment on it, and for viewers to see, comment, and rate.

# System Users

## Museum representative

Every museum with an account must have a representative who is responsible of adding picture, and adding items to the gift shop, and they also can participate in the auction module.

## Regular user

Regular users can be just viewers who visit the site just to see some art either in the museum module, or in the community module and they can rate and comment on items, or they can contribute in the community module by adding amateur arts, and they also can participate in the auction module.

## Professional artist

Professional artist who is popular, can have a page in the exhibition module where he can sell his work, and they also can participate in the auction module.

## Rare art owners

People who have rare pieces of art can use the auction page to sell their rare arts, they decide the price, and the duration of the auction.

## Site administrator/content manager

# System Modules

## Exhibition Module

This module is where professional artists can have their own page where they can display and sell their work, they can use this module by paying a fee to the site.

## Exhibition Module

## Search & View account

## Sell arts

## upgrade account

## Buy arts

Viewer

Yes: buyer

No: artist

Search view and sort

Upload work

Sell work

Buy work

Upgraded account

Upgrade

Yes

No

## Community Module

This module allows amateur artists to show their work and allow other users to rate it and comment on it.

## Community Module

## Module Description

Provide module description.

Use block or context diagram to illustrate external and sub-modules.

Use activity diagram, state machine diagram, data flow diagrams to illustrate module operations.

# System Functions

## [FR\_M] Exhibition Module Functions

### [FR\_M\_N] upgrade account

**Description**​: the regular account can be upgraded where the user can sell via the account.

**Inputs**​: user name, password, and credit card information.

**Outputs**​: upgraded account.

**Pre-conditions**​: regular account.

**Post-conditions**​: users can sell their art work.

### [FR\_M\_N] add art work

**Description**​: users can upload pictures of their work and put a price on it then sell it.

**Inputs**​: good pictures of the art work.

**Outputs**​: uploaded pictures on artist page.

**Pre-conditions**​: upgraded account.

**Post-conditions**​: Provide new conditions after work.

### [FR\_M\_N] sell art work

**Description**​: users can sell uploaded art work.

**Inputs**​: art work and prices.

**Outputs**​: selling art work.

**Pre-conditions**​: upgraded account.

**Post-conditions**​: Provide new conditions after work.

### [FR\_M\_N] buy art work

**Description**​: users can buy uploaded art work.

**Inputs**​: choosing pieces.

**Outputs**​: buying art work.

**Pre-conditions**​: regular account.

**Post-conditions**​: Provide new conditions after work.

## [FR\_M] Community Module Functions

### [FR\_M\_N] add art work

**Description**​: users can upload pictures of their work and put a price on it then sell it.

**Inputs**​: good pictures of the art work.

**Outputs**​: uploaded pictures on artist page.

**Pre-conditions**​: regular account.

**Post-conditions**​: Provide new conditions after work.

### [FR\_M\_N] like and rate art work

**Description**​: users can like other users work and rate it.

**Inputs**​: users vote.

**Outputs**​: accumulation of likes.

**Pre-conditions**​: regular account subscription.

**Post-conditions**​: Provide new conditions after work.

### [FR\_M\_N] comment on art work

**Description**​: users can like other users work and rate it.

**Inputs**​: users’ comments.

**Outputs**​: accumulation of comments.

**Pre-conditions**​: regular account subscription.

**Post-conditions**​: Provide new conditions after work.

# System Models

# 

Viewer

Yes: buyer

No: artist

Search view and sort

Upload work

Sell work

Buy work

Upgraded account

Upgrade

## Use Case Diagrams

### Use Case Diagram

Show use case diagram.

Provide brief explanation of the diagram.

### Use Case Diagram

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Provide brief explanation of the diagram.

## Sequence Diagrams

### Sequence Diagram

Show sequence diagram.

Provide brief explanation of the diagram.

### Sequence Diagram

Show sequence diagram.

Provide brief explanation of the diagram.

# Non-Functional Requirements

## [NFR\_X] <Security> Requirements

**[NFR\_X\_Y] <Security> Requirement**

Non functional requirement description.

## [NFR\_X] <Usability> Requirements

**[NFR\_X\_Y] <Usability> Requirement**

Non functional requirement description.

## [NFR\_X] <Performance> Requirements

**[NFR\_X\_Y] <Performance> Requirement**

Non functional requirement description.

**[NFR\_X] <Technology> Requirements**

**[NFR\_X] <Development> Requirements**

**[NFR\_X] <Delivery> Requirements**

**[NFR\_X] <Operation> Requirements**

# Domain Requirements

## [DR\_X] <Domain> Requirements

**[DR\_X\_Y] <domain> Requirement**

Explain <domain> requirement or constrain.

## [DR\_X] <Domain> Requirements

**[DR\_X\_Y] <domain> Requirement**

Explain <domain> requirement or constrain.

## [DR\_X] <Domain> Requirements

**[DR\_X\_Y] <domain> Requirement**

Explain <domain> requirement or constrain.

# System Interfaces

## User Interfaces

**Module Screens**

List of module screens.

**Module Screens**

List of module screens.

**Communication Interfaces**

**Hardware Interfaces**

## Other Interfaces