SOFTWARE REQUIREMENTS SPECIFICATION

for

Online Art Gallery

Version 1.0

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1 Introduction

1.1 Purpose

The popularity of Online Art Gallery is spread up day by day, customer needs a simple interface to order for unstitched and stitched Arts Online. This Android project provides all the requirements of cuctomer and it provides an easy interface to navigate. This Online Art Gallery Application is in android studio using java language and its native android app.

An online art gallery is new concept of exhibiting, selling and purchasing art works. Basically, it is a user interface on which artists get to display their work, buyer and seller both gets a platform for their jobs . Online art gallery is a time, energy and money saving web site concept. By this artist also can host their works and art curator can arrange auctions for art works.

The project of art gallery is developed to display different type of arts made by different artists. It contains different art varieties. A client also buys it online. This project simply provides an interface to people to assume themselves from different art and can also buy it online. One can say this project simply is shopping solution for people. Different art will be painting, illustrations, designs etc. This project is used to develop art selling site. This will provide a lots of features which manage in very well manner. It will contain advance modules. In auction anyone can participate. Artist will register for being a member within the room and every creator will transfer the digital copy of their art work below the individual classes .

1.2 Intended Audience and Reading Suggestions

This SRS is for developers, project managers, users and testers. Further the discussion will provide all the internal, external, functional and also non-functional information about "Online Art Gallery Application".

1.3 Project Scope

The Online Art Gallery Android Project will manage all information related Art details , art category , customer details , follow artists. A customer could also see that information on their end and order the Arts. This major android project Online Art Gallery will also help improve the overall productivity of Arts businesses. . These are various features available in Online Art Gallery.

2 Overall Description

2.1 Product Perspective

"Online Art Gallery" is an alternative to the real-world art galleries. The artworks will be displayed on the home page, categorized by Art Style or Artists name. Artist can create their artist profile and exhibit their work. All customers can order the original artwork as well as digital prints as provided by the artist.

2.2 User Classes and Characteristics

"Online Art Gallery" has basically 3 types of users.

- Customers
    - Artist
    - Non-Artist

2.3 Product Functions

Before using the main function of the software result process, users have to be registered. All users have - login_parameter, user_name, first_name, last_name, role, email, phone_number, present_address, password_hash and timeStamp.
Artist have some extra functionalities in terms of creating their public profile and displaying portfolio. They contain parameters like art experience , whether full time or part time artist.
Non-artists have extra parameters and functionalities to make buy. They can add paintings to cart, wish_list, select size for digital prints , shipping address
Each artwork contains parameters - art_image, art_style, medium_of_work, price.

2.4 Operating Environment

The application will be operate on Android native platforms only.
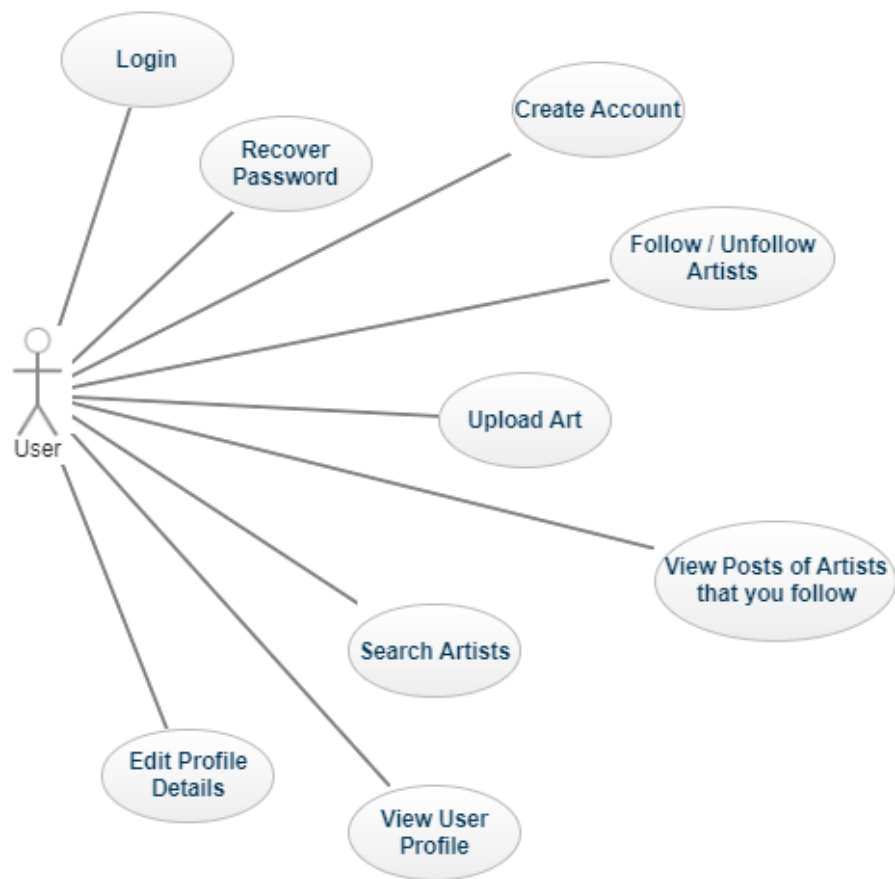
2.5 Design

Figure 2.1: Use Case Diagram

3 System Features

3.1 Description and Priority

3.1.1 Customer Android App Functionalities

1. Login

2. Logout

3. User Registration

4. Password Recovery

5. Home Page for Artworks

6. User can search for other Artists

7. Notification Page to view new follows/posts

8. Artists can upload paintings

9. Display User Profile section

10. Edit user details

11. Add/ Edit profile picture

12. Scroll through Artworks

13. Follow/ Unfollow artists

3.2 Functional Requirements

The application is being build on Android Studio, Java language.

Back-End - Java
Font-End - Android XML.

Database- Firebase