ArtistCorner

1.1 Aim of the document

The aim of this document is to present the steps followed to create and develop the "ArtistCorner" application software.

1.2 Overview of the defined system

ArtistCorner is a desktop and mobile application software that allows professional artists but especially amateurs to emerge and be noticed by art galleries around the world.

The application allows the artist to upload his artwork, put it on sale, and in moments of creative blocks, get artistic recommendation from the system on what to draw. The works uploaded by the artist can be viewed by general users to be purchased via Paypal or by art galleries, which can be viewed in contact with the artist by forwarding a collaboration proposal.

1.3 Operational settings

- Computer
- Internet connection
- Database MySql

1.4 Related systems

DeviantArt is the most similar competitor to ArtistCorner

Pro:
- Has a more accurate artwork search system.
- It allows interaction between different artists.
- It implements artwork comment feature.

Cons:
- It provide only one type of profile.
- It doesn't provide a system for recommending what to draw.
- It doesn't allow payment via PayPal.

Another competitor could be identified in *Singulart*

   Pro:
   - It implements an auction trading system.
   - After the purchase, the buyer can decide the frame with which the artwork will be sent.
   - Has a more accurate artwork search system.

   Cons:
   - It doesn't provide a system for recommending what to draw.
   - It allows the user to register only as an artist or a buyer.
   - It doesn't allow login via Facebook.

2 User Stories

- [Marco Purificato]

As a user, I want to be able to open the system from my phone, so that I can check my profile away from home.

As an artist, I want to connect my PayPal account to the application, so that I can facilitate my sales.

As a buyer, I want to add an artwork to my favourite, so that I can decide which one to buy later.

- [Alessio Torroni]

As an Artist, I want to receive email notifications, so that I can be updated anytime.

As a Buyer, I want different payment option, so that I can pay through the system I prefer.

As an Artist, I want an incoming gallery request section, so that I can easily manage them.

2 Functional Requirements

- [Marco Purificato]

The system shall provide to artist a viewable map of the location of the gallery that sent him a proposal.

The system shall provide a search feature for the artworks based on their type*.

The system shall provide to artist an upload image feature.

Dictionary:
  types of artwork include: "impressionist", "expressionist", "stylized" and "other" that is a general type.

- [Alessio Torroni]

The system shall provide a feature to focus the displayed images.

The system shall provide a list of all saved to favourites artworks.

The system shall allow to buy an artwork only if the user is registered as buyer.