Requirements

**Functional Requirements:**

User profile requirements:

REQ1.1: The art gallery application shall allow the user to sign up to a new account using a username/email with a password.

REQ1.2: The art gallery application shall allow the user to add a profile picture, a self-description and contact details (email and phone number) to its profile.

Artist requirements:

REQ2.1: The art gallery application shall allow an artist to upload an artwork with a name, a description, a picture, and a price for sale.

REQ2.2: The art gallery application shall allow an artist to remove an artwork.

REQ2.3: The art gallery application shall allow an artist to keep track of its transaction history that includes the artwork sold, buyer’s details and transaction date.

REQ2.4: The art gallery application shall allow an artist to decide the mean of delivery of their artwork (by mail or pick up in store).

Customer requirements:

REQ3.1: The art gallery application shall allow a customer to browse all the artworks for sales and their details including the corresponding artist’s details.

REQ3.2: The art gallery application shall allow a customer to add and remove artwork into their own favorite list.

Admin requirements:

REQ4.1: The art gallery application shall allow the admin (art gallery itself) to browse all the artworks transactions and their details made on this platform.

REQ4.2: The art gallery application shall allow the admin (art gallery itself) to remove an artwork post from an artist.

REQ4.3-The system shall display the current physical gallery of the artworks.

**Non-Functional Requirements:**

REQ5.1: The art gallery system shall be accessible via a web frontend and a mobile frontend in 10 seconds or less.

REQ5.2: The system shall send receipts to users who buy artwork within 5 minutes of the transaction.

REQ5.3: The art gallery system shall have filters by type of artwork by price to browse the artwork.

REQ5.4: The art gallery system shall notify the registering artist within 5 seconds if the entered email address is already being used.