ART GALLERY

Submitted by

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A project report submitted to

Dr. Balasundaram A

SCOPE

In fulfilment of the requirements for the course of

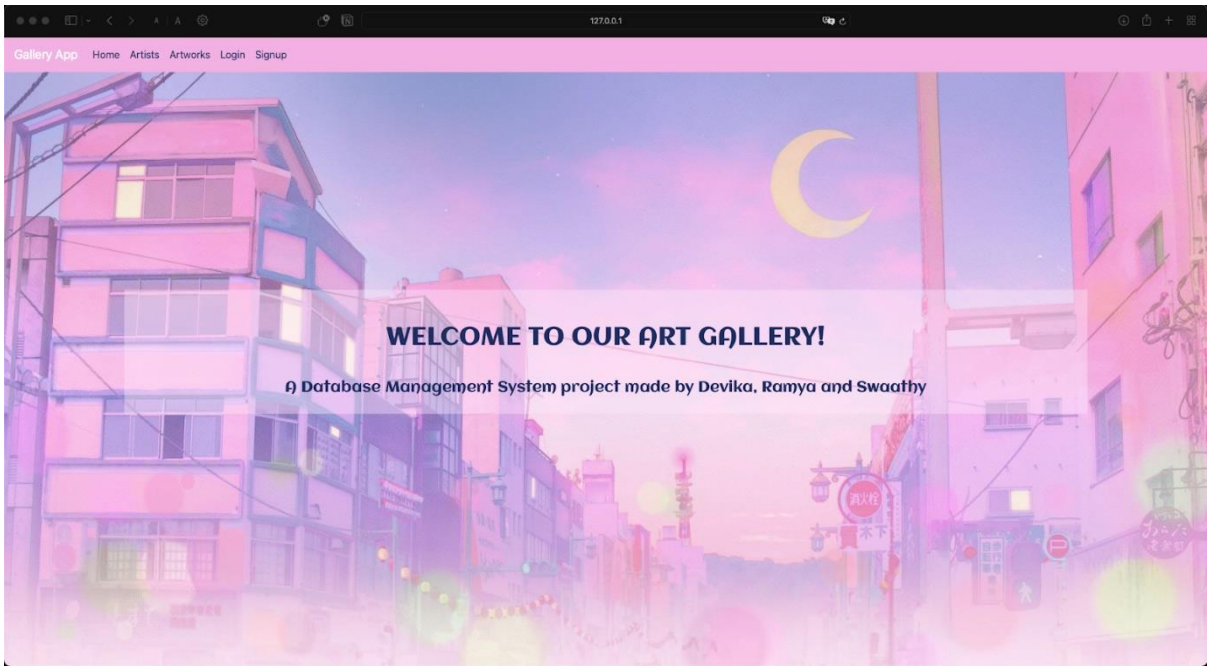
CSE2004 – Database Management Systems

In

B.Tech Computer Science and Engineering with spl. in Artificial Intelligence and Robotics

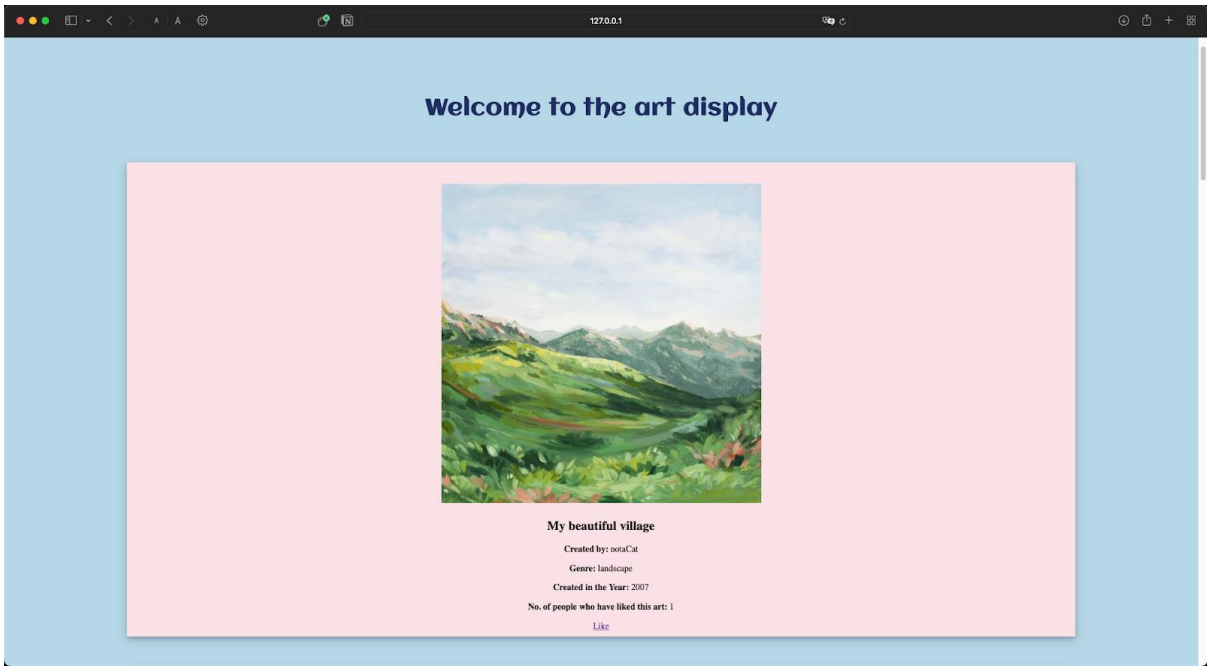
WEB PAGES:

Our Home Page:



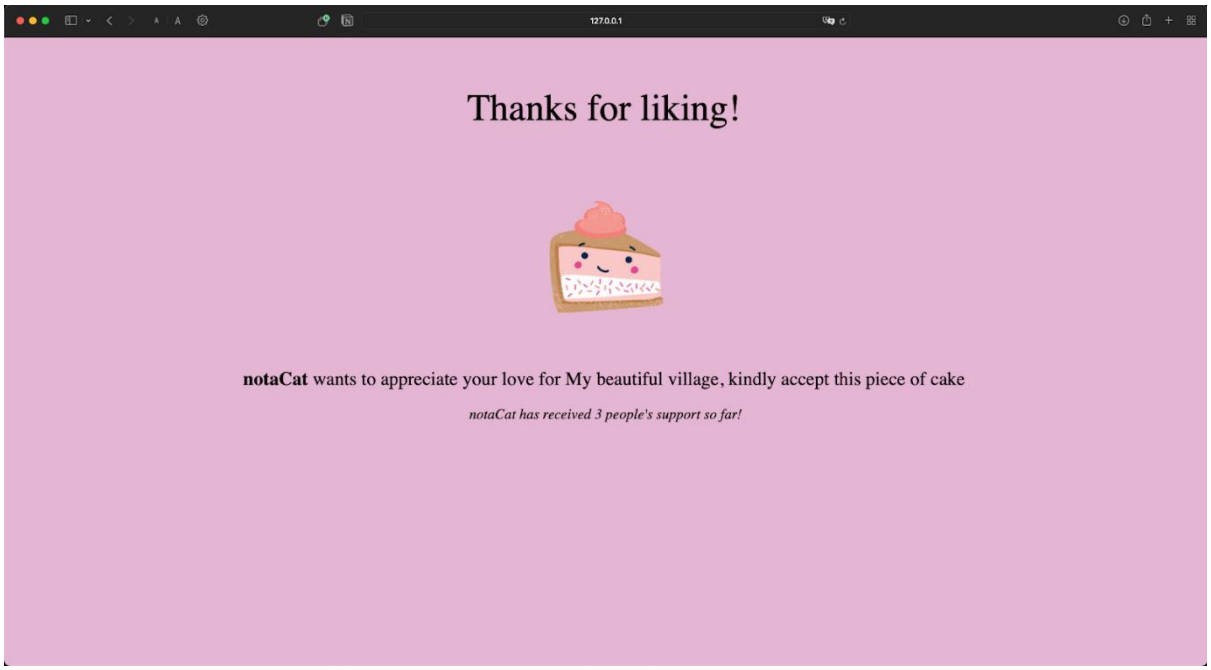
This is the webpage that will be viewed by the users once they enter our art gallery. It contains a navbar that helps them navigate to the other webpages.

Artworks Page:



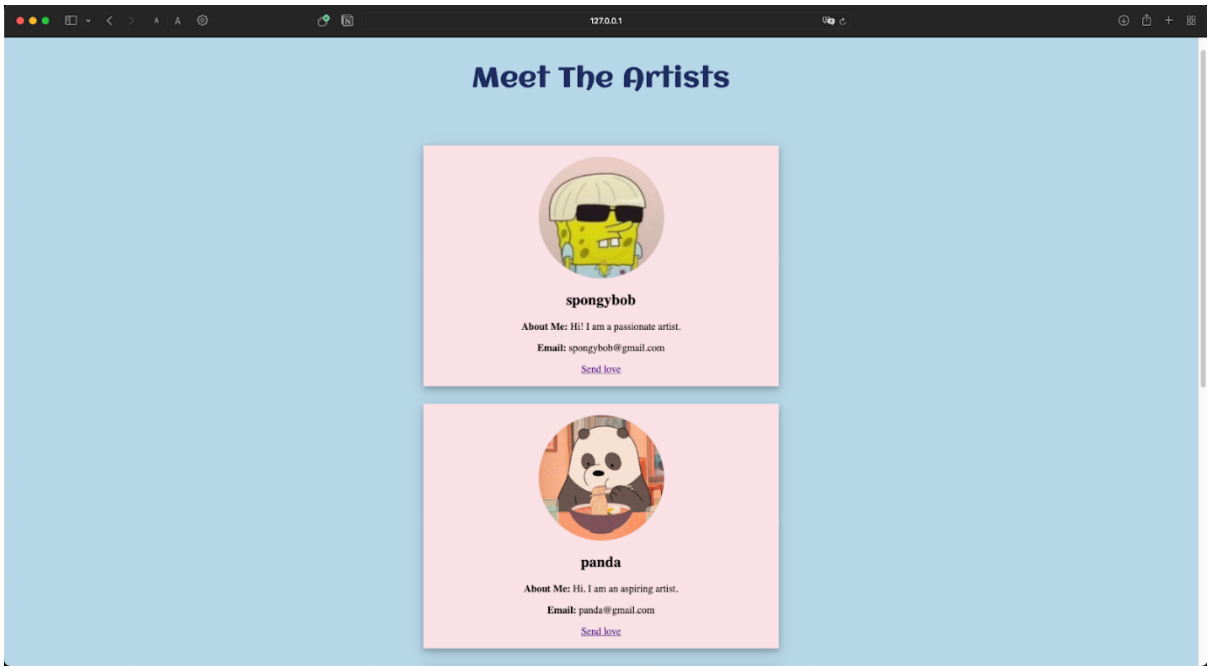
The webpage where the users view all the artworks uploaded by artists.

Appreciation Page:



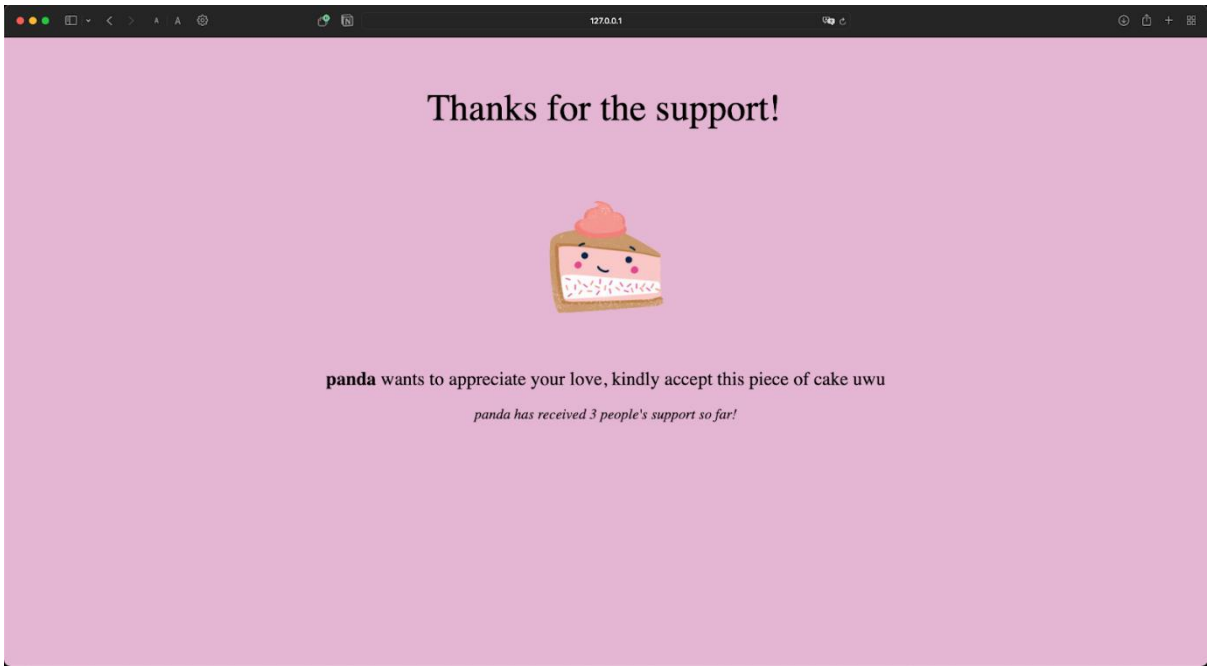
The webpage is displayed when a user likes an artwork.

Artists Page:



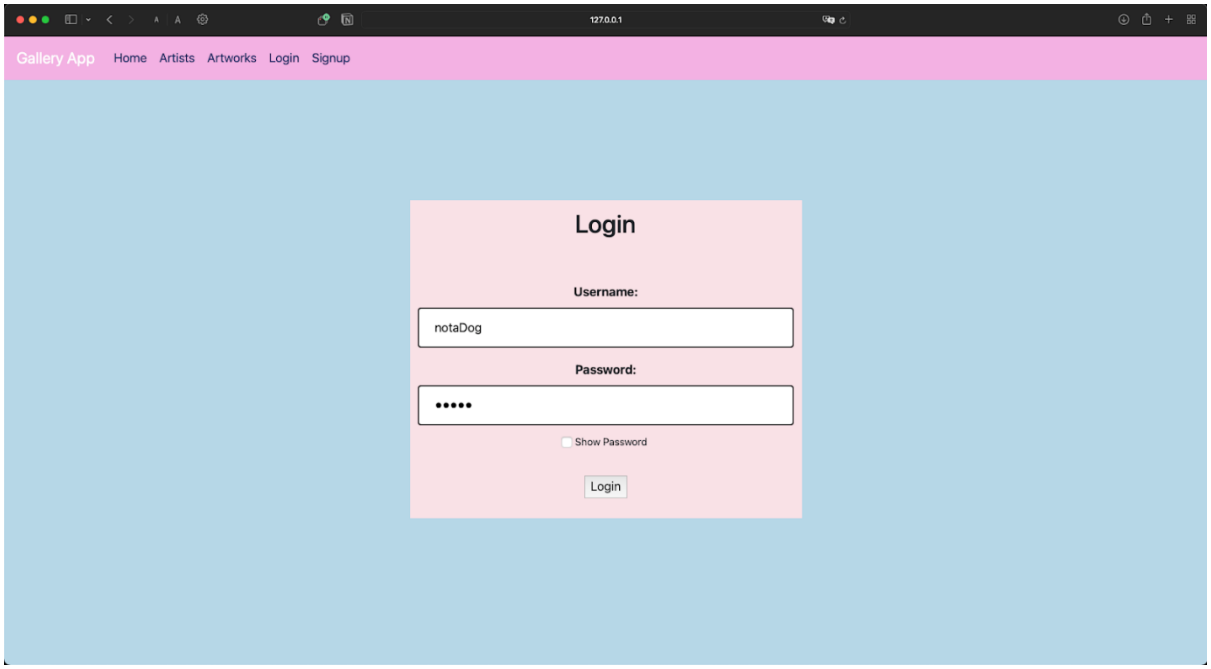
The webpage where users view all the artists registered.

Appreciation Page:



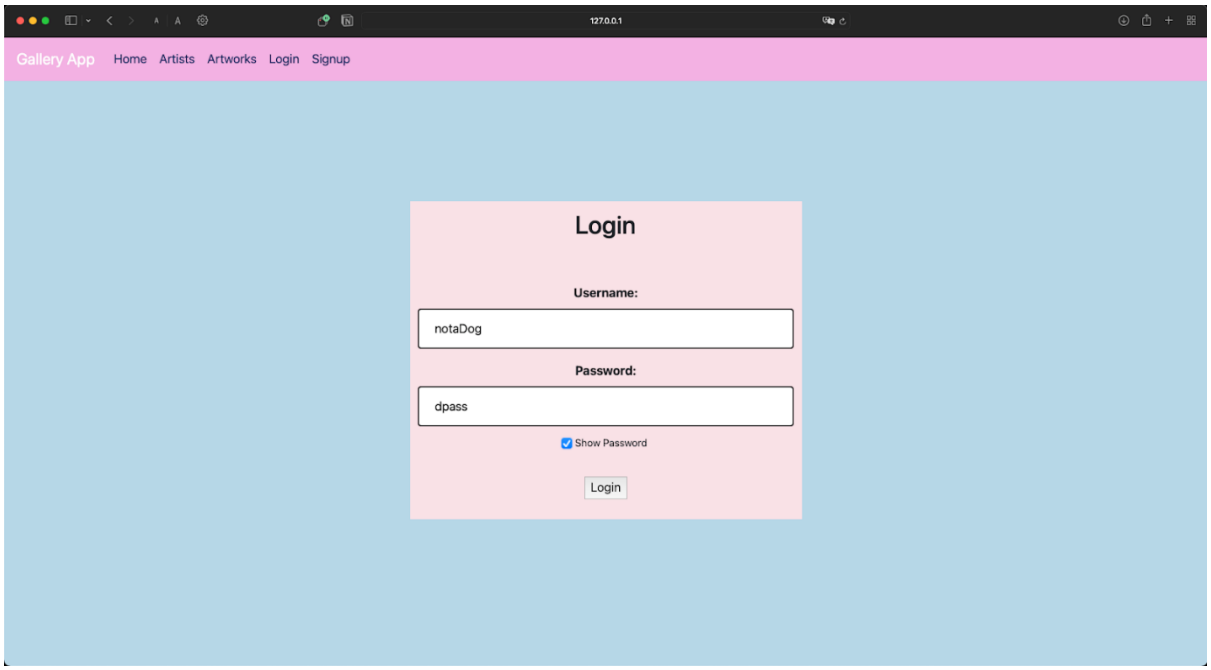
This webpage is displayed when the user sends love to an artist.

Login page:



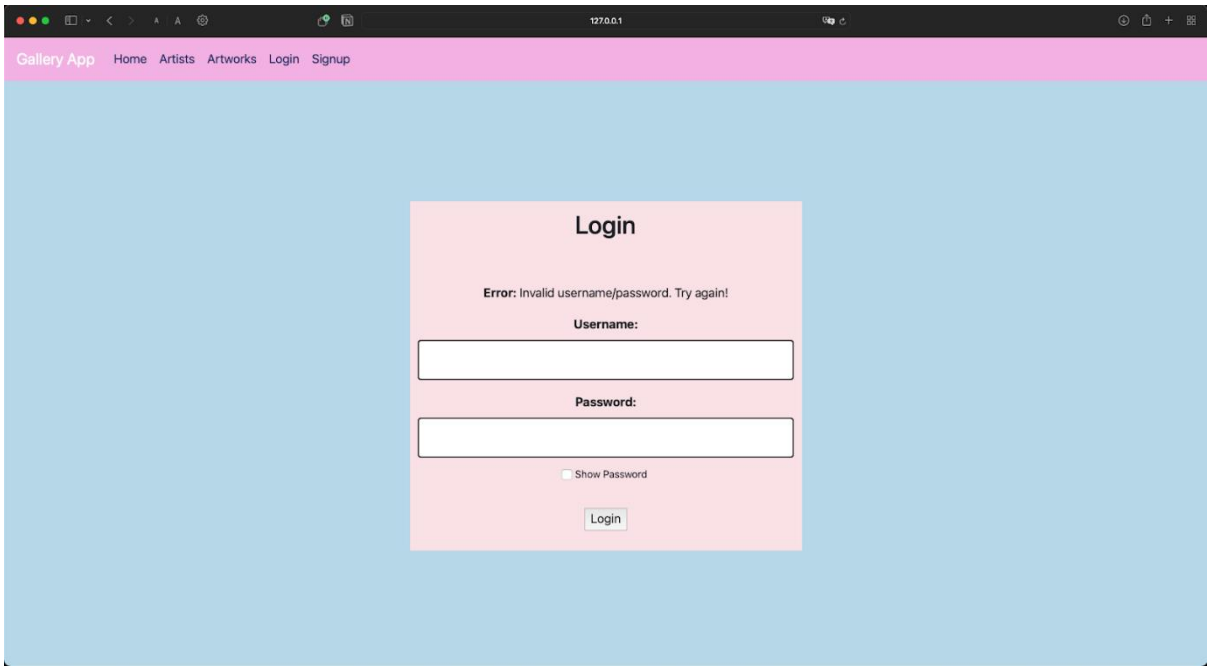
For an artist or admin to log in

Login page with password shown

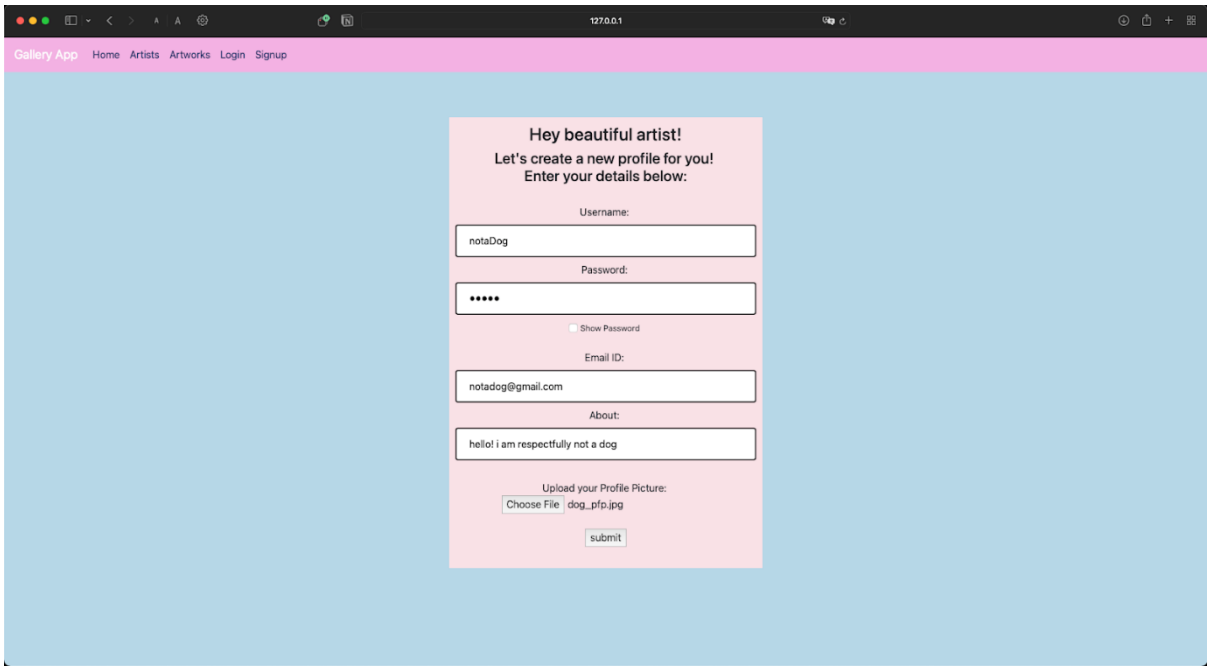


For an artist or admin to log in.

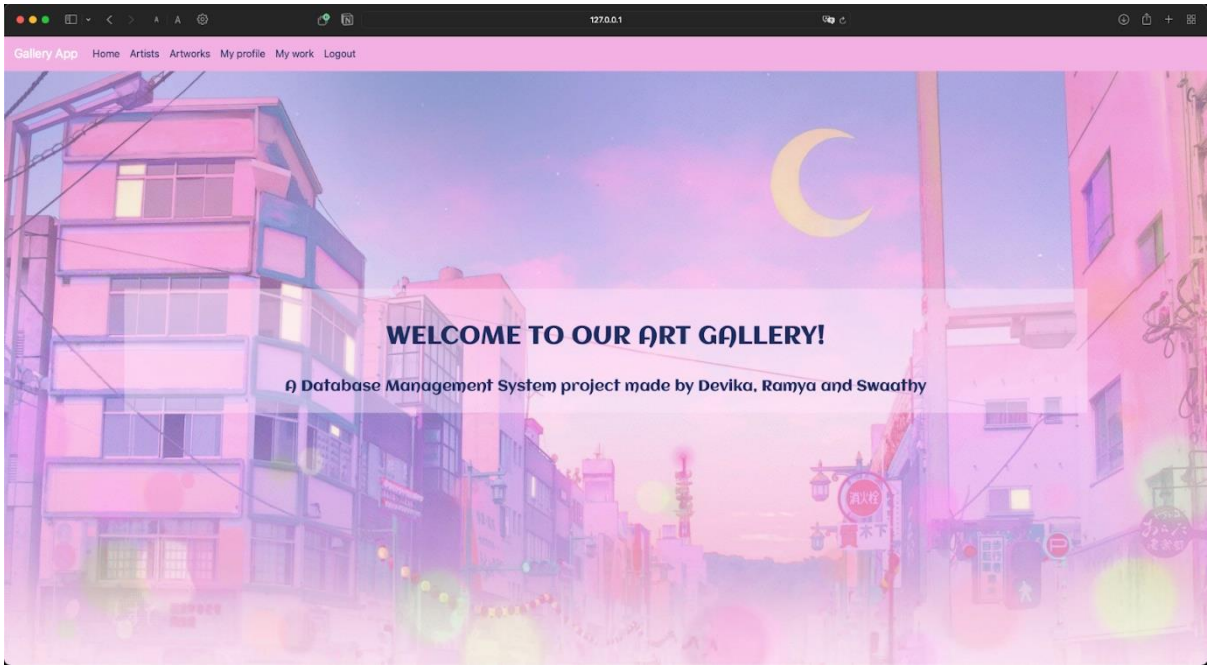
Login page with an error for an account that doesn't exist or with credentials



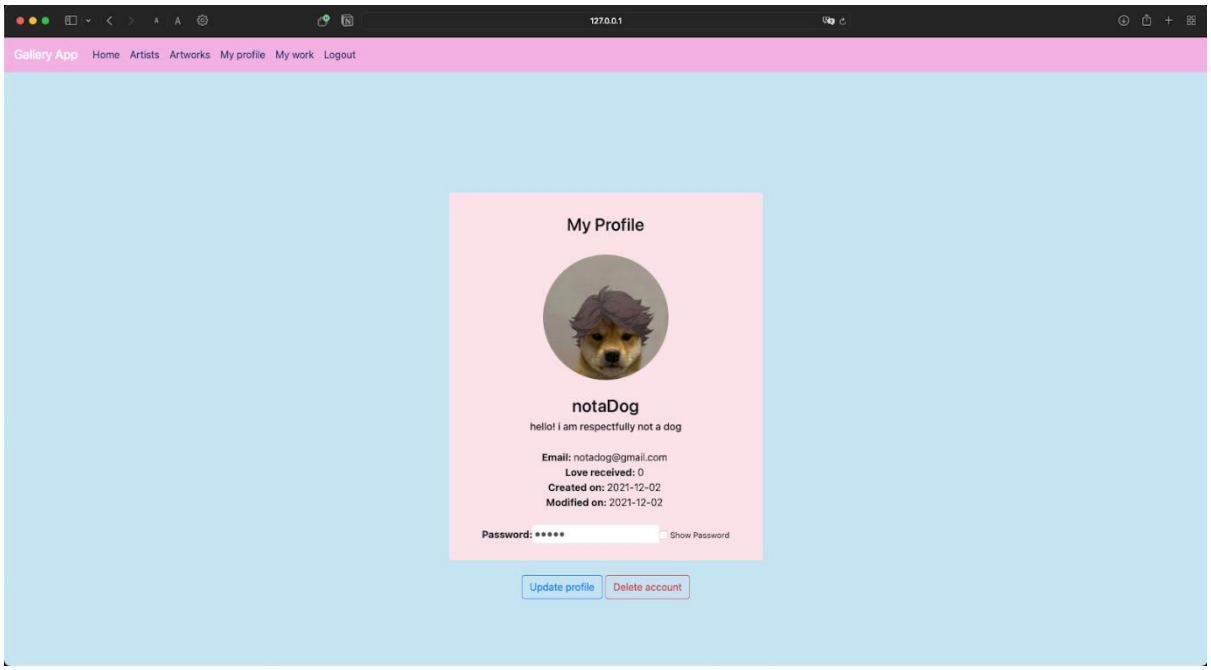
Signup page:



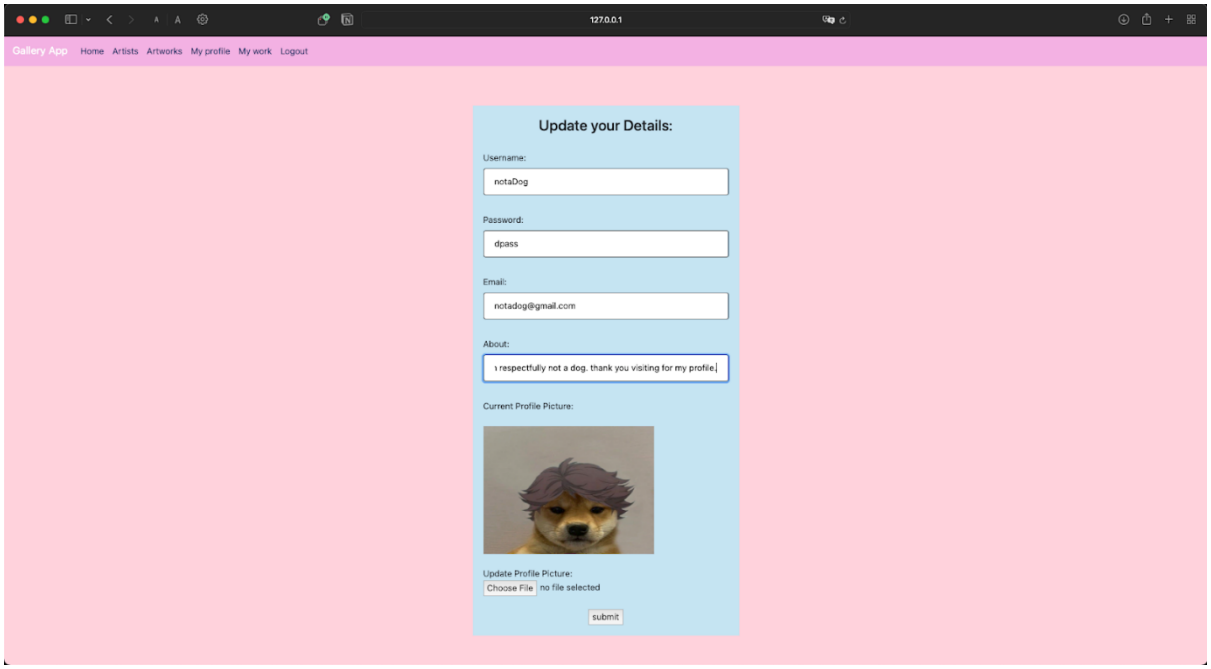
Home page after signing up as an Artist:



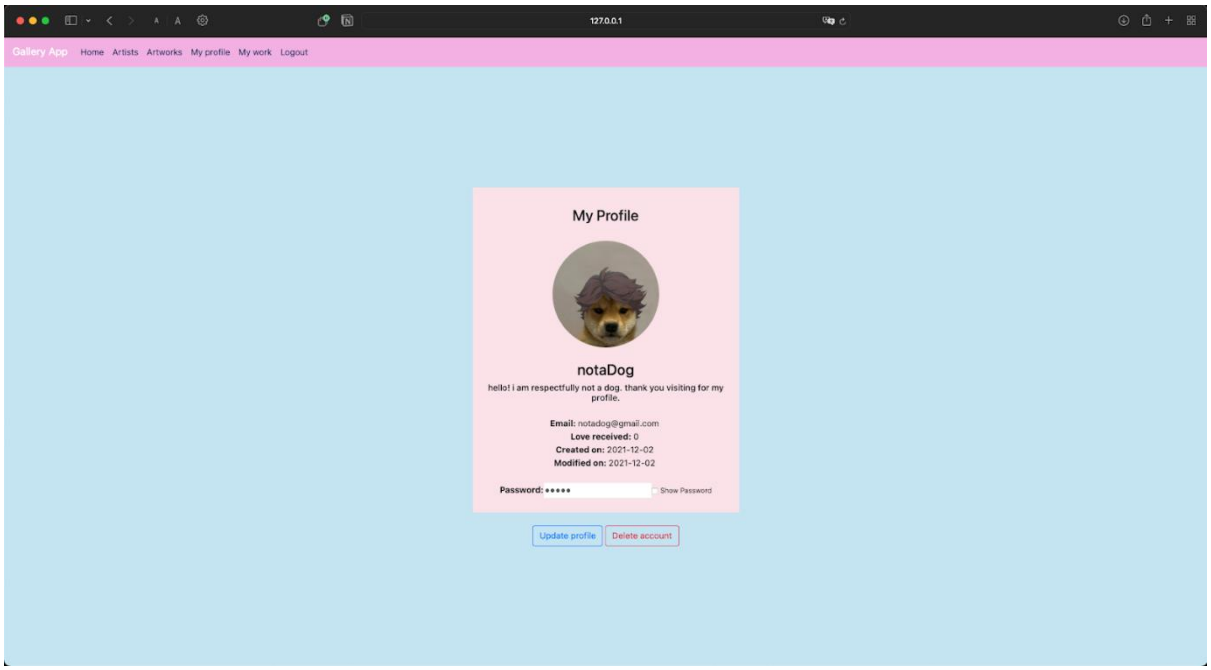
Artist's Profile:



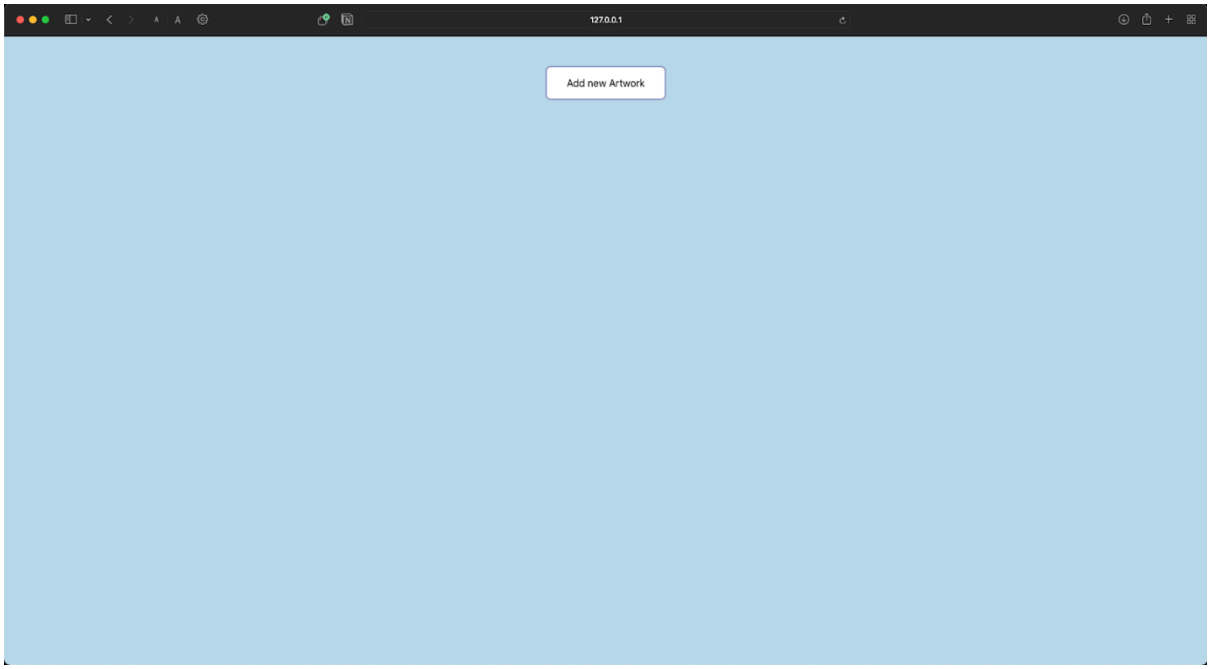
Updating the Artist's Profile:



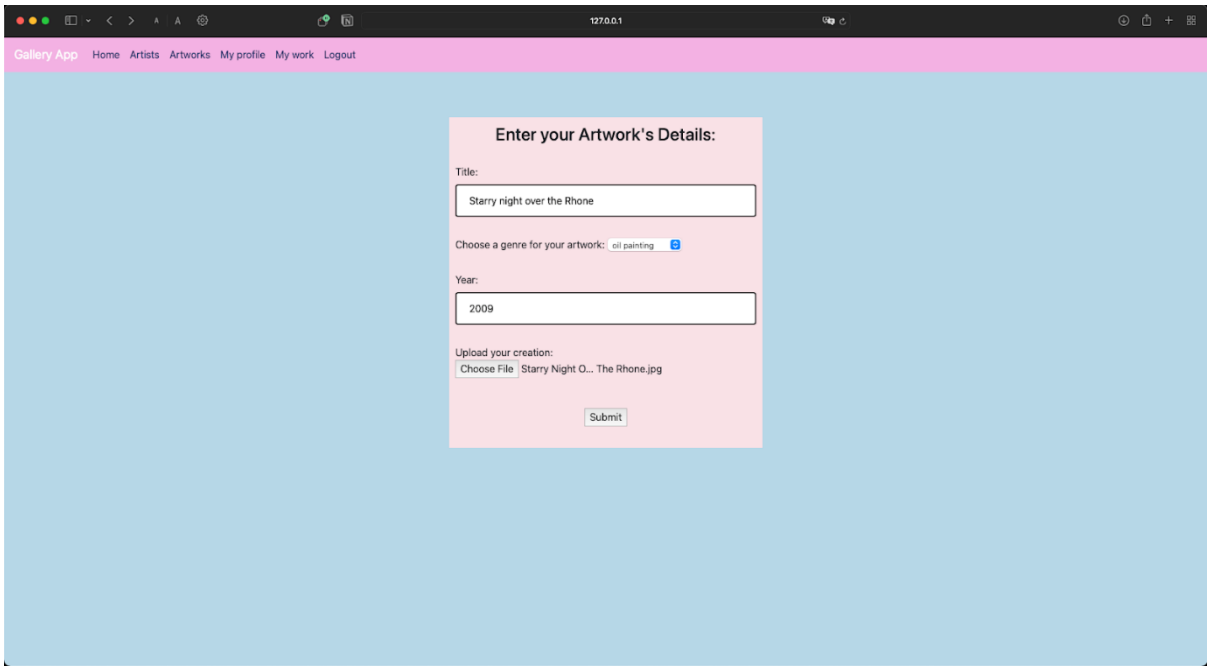
Updated Artist's Profile:



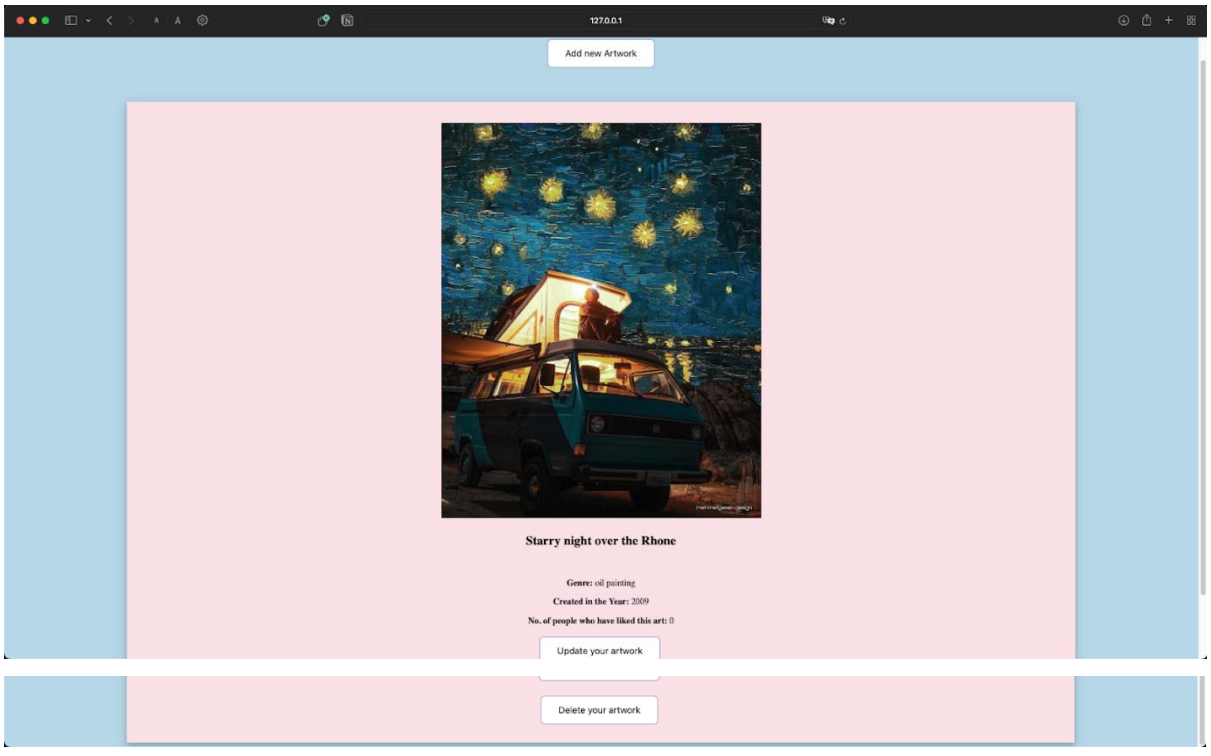
Artist's work



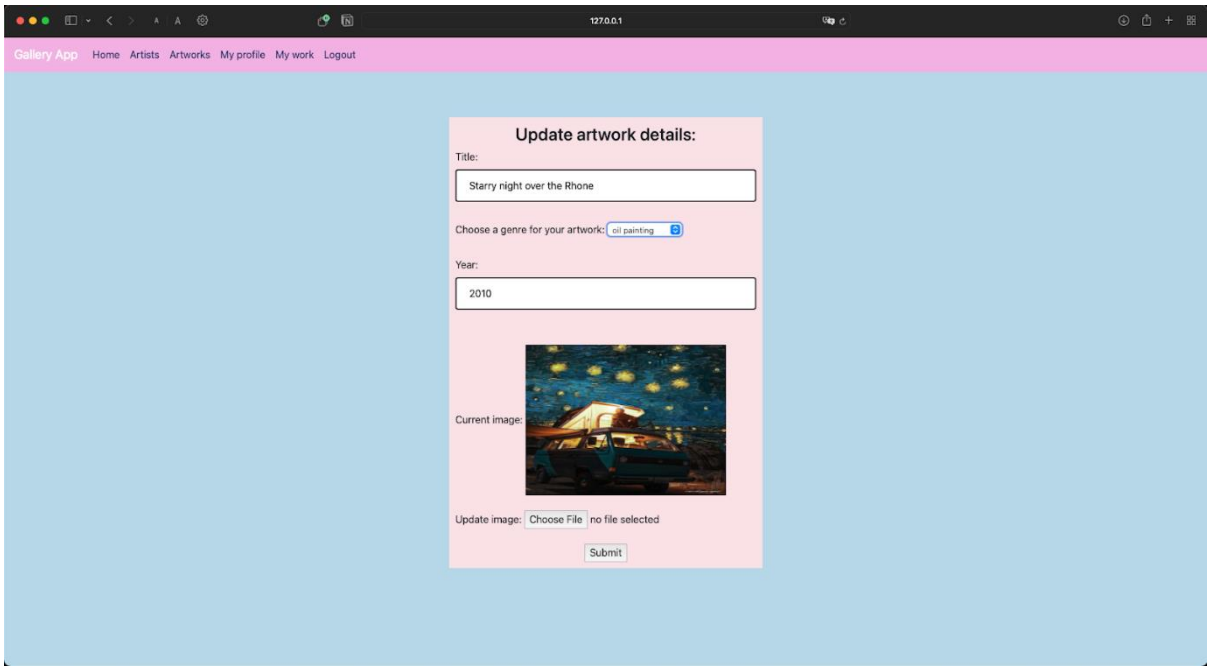
Adding artwork:



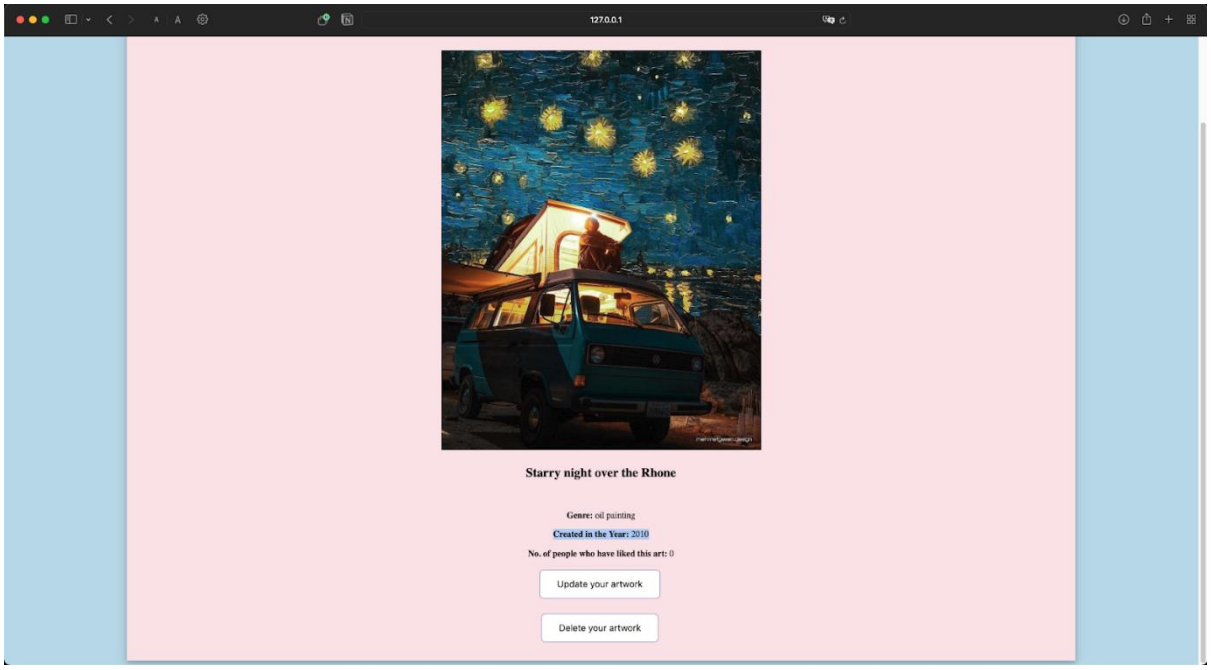
Viewing their added artwork:



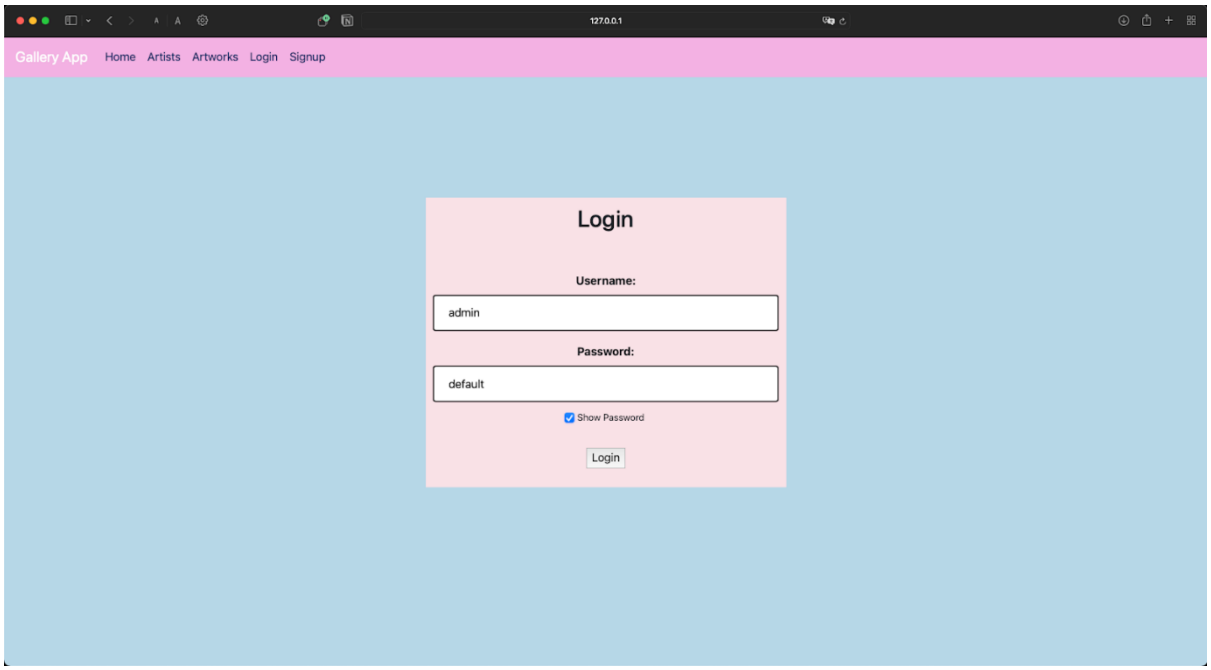
Updating the added artwork:



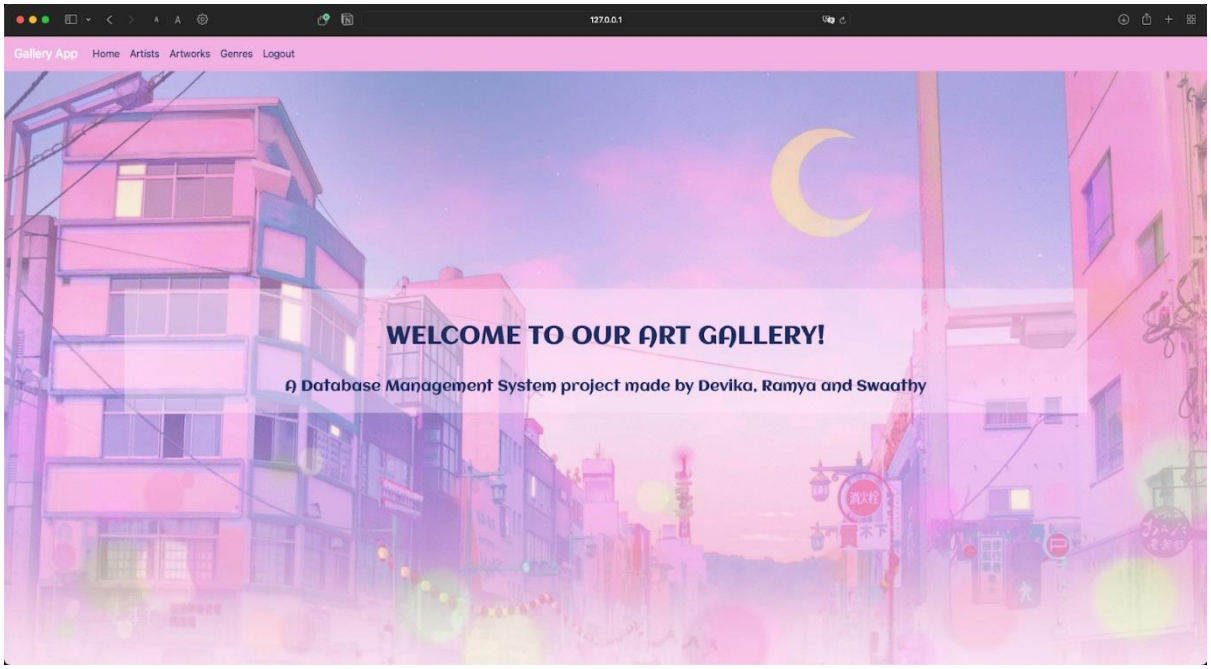
Updated artwork:



Logging in as *admin*:

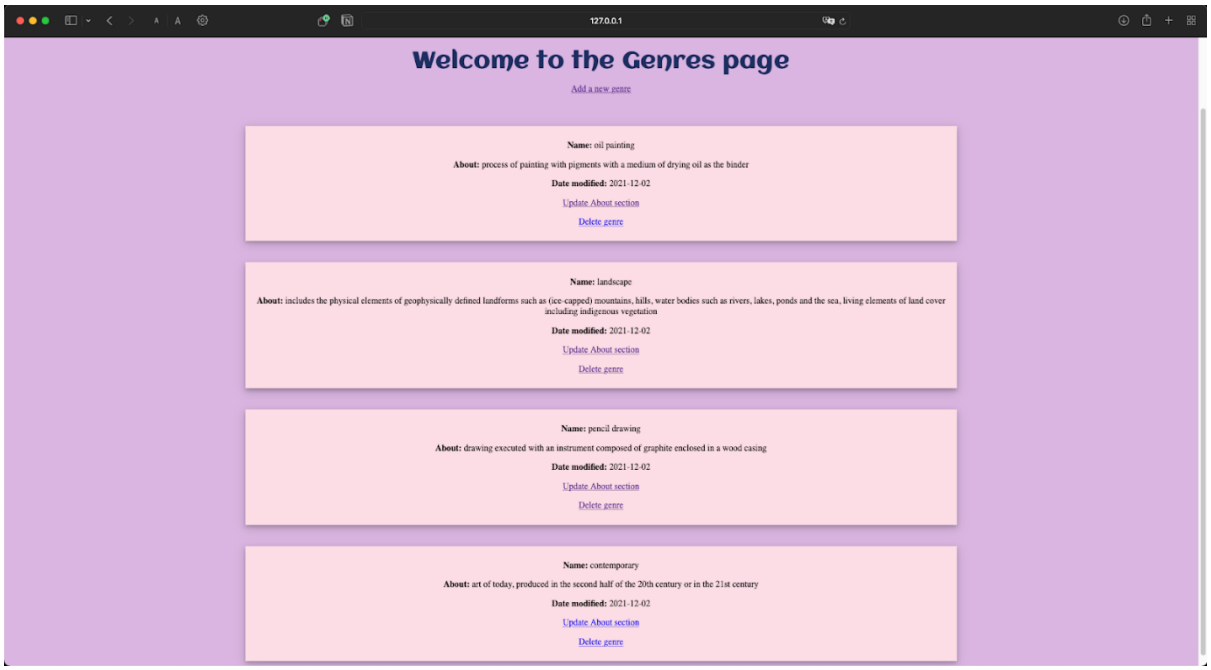


Home page:

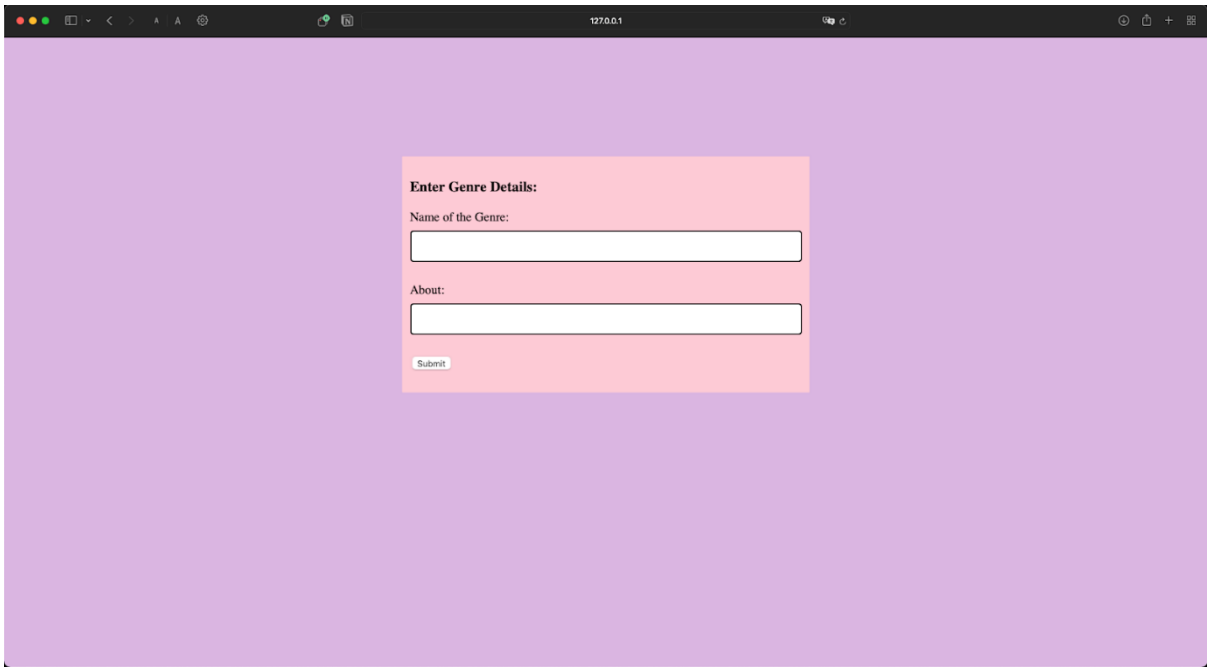


As viewed by admin

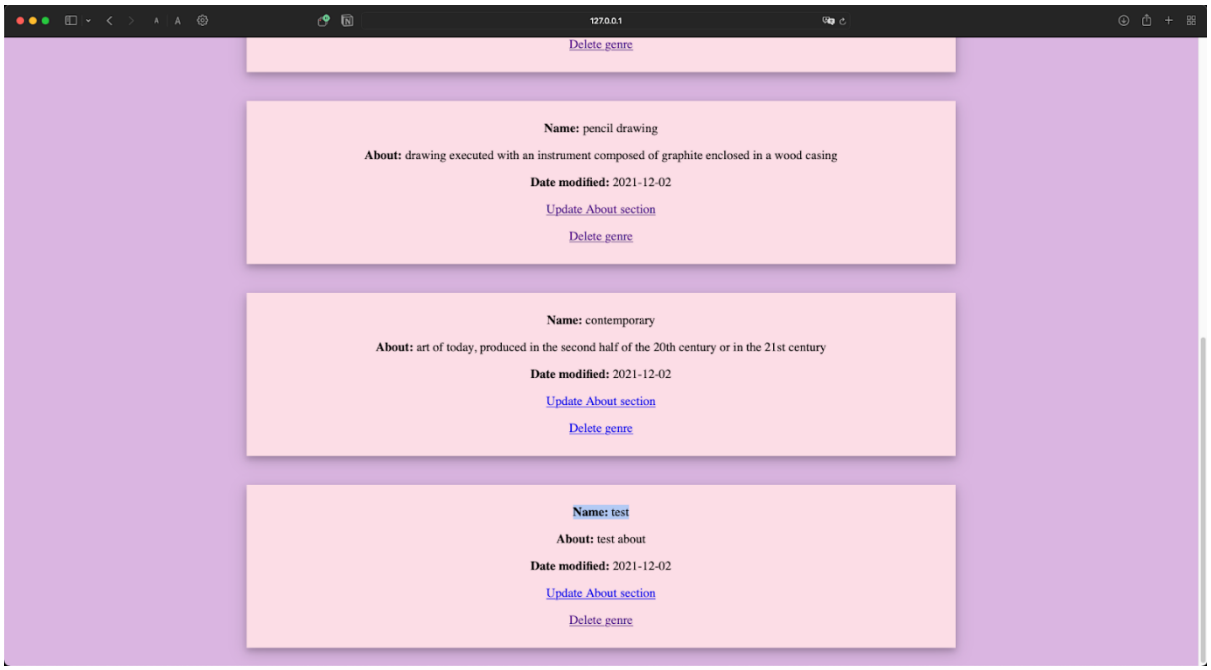
Viewing the Genres:



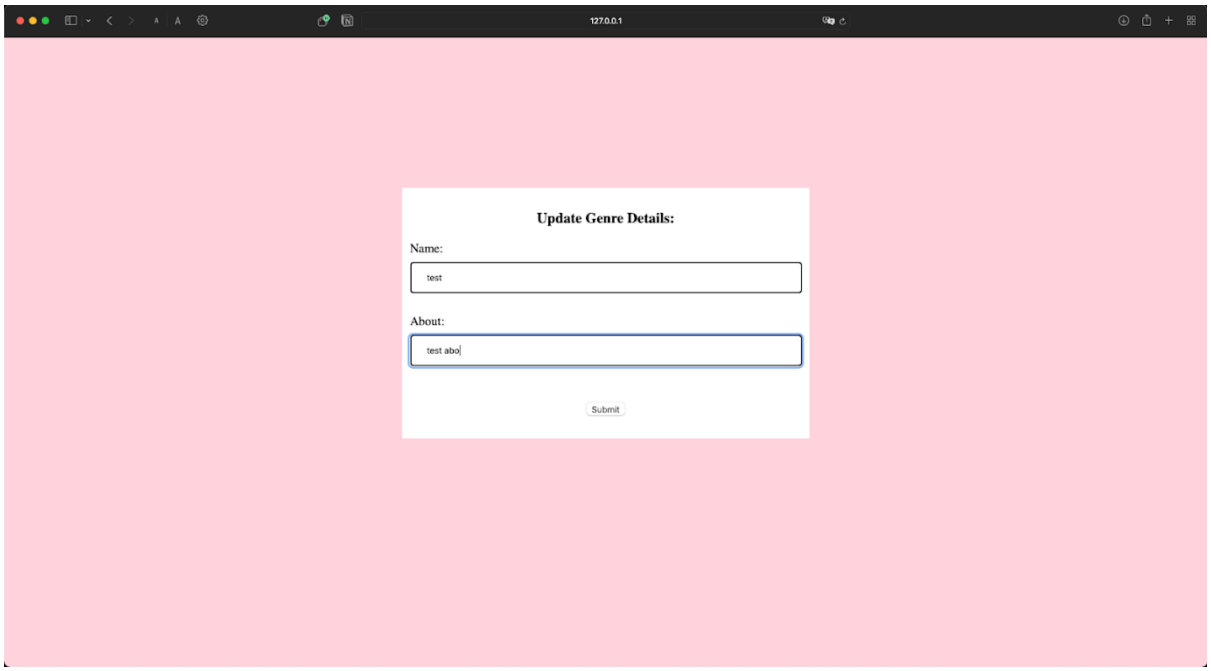
Creating a new Genre:



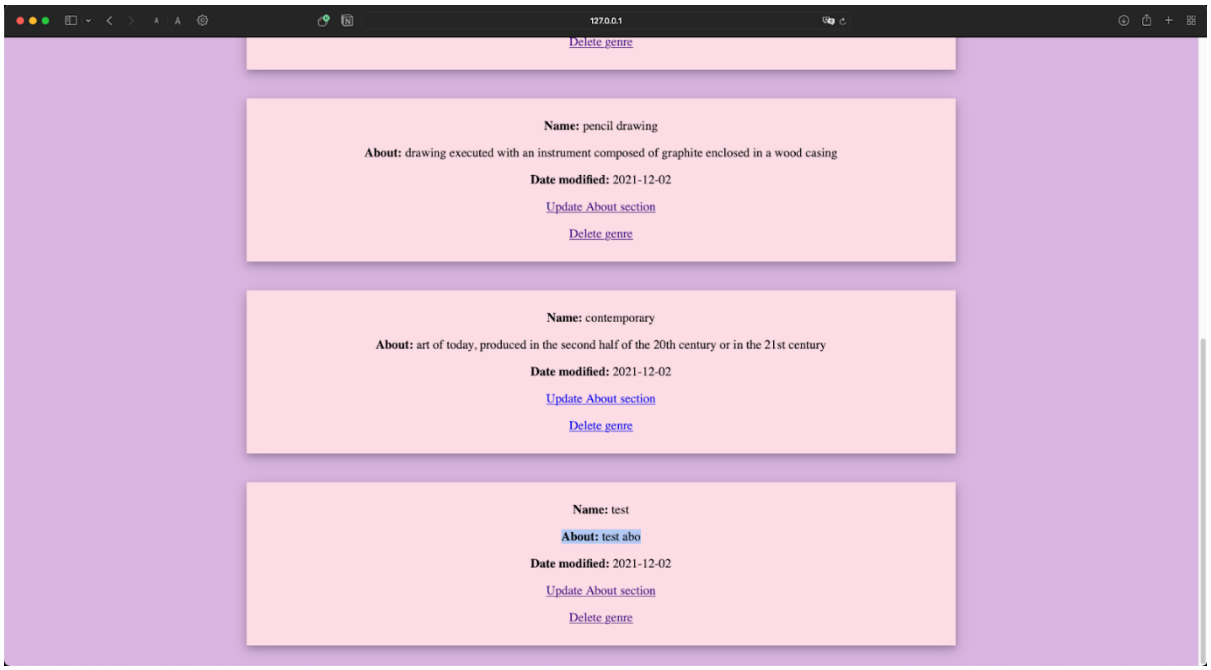
New Genre created:



Updating a genre:



Updated Genre details:



CONCLUSION AND FUTURE WORK

We have created the working model of our Art Gallery using Python, Flask, SQLite DB for the server-side and HTML, CSS and JavaScript for creating the webpages displayed in the client-side. Our art gallery working model contains various functionalities such as letting the artists create a profile and upload their artworks, letting the viewers like artists' profiles and artworks, allowing the admin to create and update the genre list and letting the artists choose genre for their artworks from the genre list. In the future we are planning to enhance our Art Gallery by implementing certain new features. Firstly, we need to manage sessions with the help of Flask and restrict access to certain webpages which can be accessed only by those who are logged in. Secondly, we are planning to create a search option that will allow the viewers to search for their favourite artworks and artists easily. Thirdly, we need to optimise our server-side code by using the in-built flask libraries instead of coding everything from scratch. Lastly but most importantly we need to encrypt the passwords before storing them in the database so that the user details remain secure even if there is a data breach.