



CHRIST
(DEEMED TO BE UNIVERSITY)
B A N G A L O R E • I N D I A

**DEPARTMENT OF
COMPUTER SCIENCE AND ENGINEERING**

**ART SENPAI
BY**

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ABSTRACT:

An art gallery exhibits the works of many artists. An online art gallery is new concept of displaying and purchasing art works, both digital prints and traditional paintings are available on online sites. 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 display and arrange auctions for art works accordingly. Each artist is given a specified space on the online web page. Each exhibit has a name and style of painting. To upload your artwork, the artist has to login into the website or register with the website if they're a new user. The exhibits can be bought by the online customers who can select the artwork they like and contact the respective artist by heading to the profile section of the website where the details of the artist are displayed.

SYSTEM SPECIFICATIONS:

SOFTWARE SPECIFICATIONS:

FRONT END: HTML & CSS.

HTML: HTML is used to create and save web document. E.g. Notepad/Notepad++

CSS : (Cascading Style Sheets) Create attractive Layout.

BACK END: PHP & MySQL.

PHP: Hypertext Preprocessor (PHP) is a technology that allows software developers to create dynamically generated web pages, in HTML, XML, or other document types, as per client request. PHP is open source software.

MySQL: MySQL is a database, widely used for accessing querying, updating, and managing data in databases.

SYSTEM SPECIFICATIONS:

1. 32 or 64 bit OS.
2. Apache Web Server.
3. Web Browser which supports HTML5 CSS3 PHP (IE 10+ is not supported).

Introduction:

Online art gallery is kind of web page or website that you can put your art work images for viewing. Usually, nowadays everything is available on online shopping market so why not art works. Every kind of painting you see is either an traditional medium based or digital art based that you can find/get online. Some online art gallery websites also conduct art auctions for artworks that are being displayed on their web page. The purpose of online art gallery is to reach art works every corner of world by using technology. When everywhere things are available on online then why art works leave behind. So online art gallery is a system or a program where the art collector can view, select and purchase art work within their comfort zone. Online art gallery is a user based website in which artist can upload their art images and buyer can view these images, choose and contact the artist. This concept helps people who are not available to visit the place on particular time due to some constraints.

They open the site, go through it and choose what they like and contact the respective artist for it. Through this digitalization we can stay connected to every corner of the world. And this connectivity of art exhibitions also become online in that the viewership increased and selling of art works also increased. These art galleries had started these virtual art galleries concepts. Artworks is communicated by combinational form of the display/exhibition; it is not just an architectural space. Now days, the internet has become a global language of communication this medium offers new and very unique opportunity for artist to grow themselves by selling their artworks online. The old classical concept of galleries has twisted into this virtual art gallery concept. In these art curator has no infrastructure or architectural spaces to display their art works, they only need space to upload images of artist creation and some text explaining the art works. By going through these details buyer/art collector gets a chance to understand that what the art work had. Then according to their requirement they contact to art curator by mail and gets replay to fulfill their query, then further formalities goes. Buyer get their selected art works delivered by through the courier services.

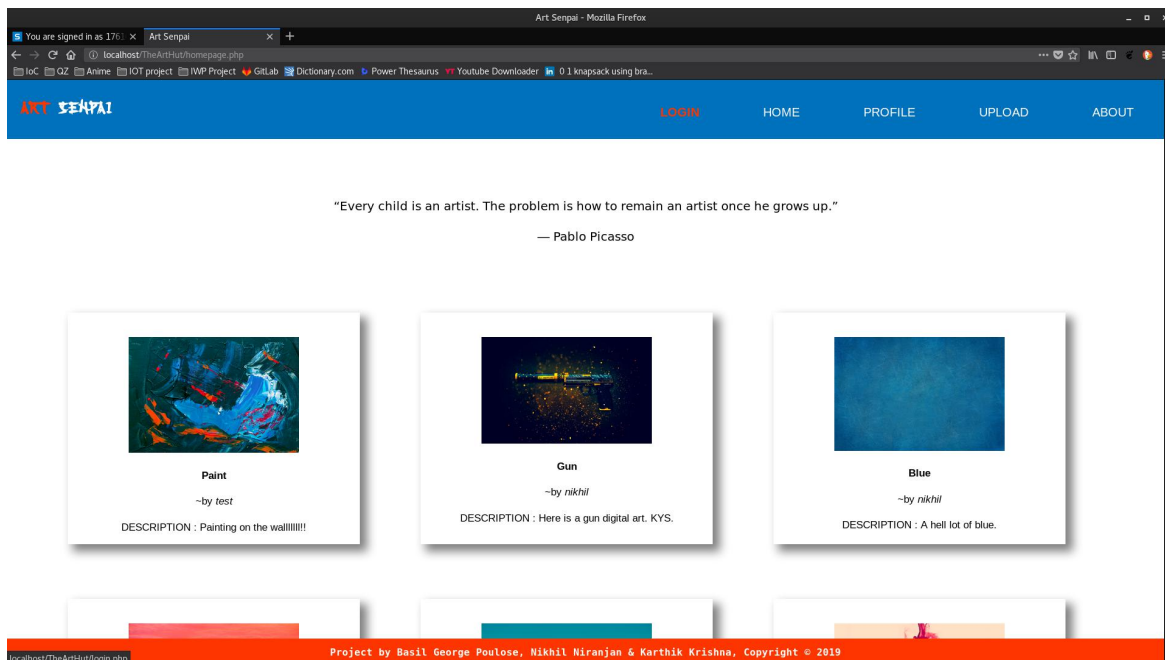
From virtual art galleries artist can reach to a larger population. This kind of gallery's also beneficial for the artist, because a seller can approach any artist anywhere in the world to give their art works and where they don't need to present physically. A buyer can view and buy any kind of work comfortably at their places. In last 10 years broadband users increased so improvement of web programming field also get more and more improved the display of online art images. You can click on the picture to open it on full screen and experience the more close view. And rest of the details like material, colour, surface, size, and subject is mentioned in text below the image.

Another advantage of online galleries is that the area of people and choice had increased by the internet. Those who don't have the knowledge of art is also trying to understand the art works and get the wide range of art works that they view in the comfort at home. Online art galleries also have a wider online operations, following are the some popular facilities they provide—

- Critic reviews
- Gallery listing
- Reviews
- Art forum
- Collaboration
- Remote accessibility

Testing, Outcome & Analysis:

The user opens Art Senpai, the art gallery portfolio website that we created to display any and every artist's artwork on here. Art buyers can explore all kind of art works along with digital prints of famous art works of great masters without going anywhere.



Art Senpai with some artwork uploaded for display.

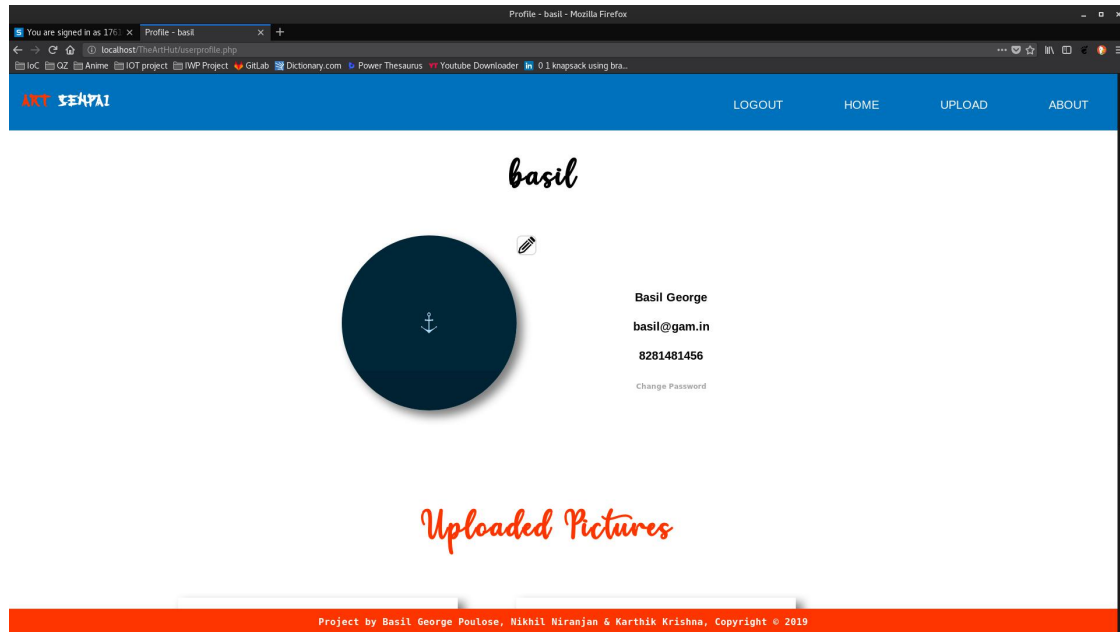
To upload their artwork for display, the artist first needs to login onto website.

The screenshot shows a web browser window titled "Login - Mozilla Firefox". The address bar shows "localhost/TheArtHub/login.php". The website has a blue header with the "ART SEAPAI" logo on the left and "HOME" and "ABOUT" links on the right. The main content area features a white rounded rectangle with the word "Login" in a large, black, cursive font. Below it are two input fields labeled "Username" and "Password". A blue button with the text "Login" is positioned below the password field. At the bottom of the white box is a link that says "Register". The footer is a solid orange bar with the text "Project by Basil George Poulose, Nikhil Niranjan & Karthik Krishna, Copyright © 2019".

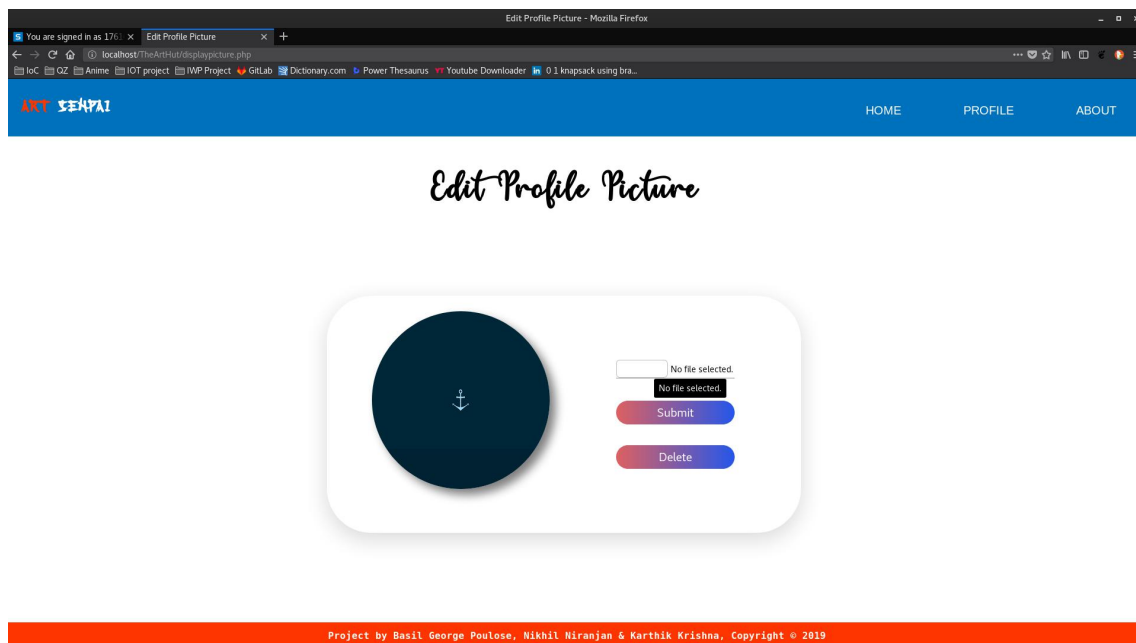
If they're uploading their artwork for the first time, they need to register into the database.

The screenshot shows a web browser window titled "Registration - Mozilla Firefox". The address bar shows "localhost/TheArtHub/registration.php". The website has a blue header with the "ART SEAPAI" logo on the left and "HOME", "LOGIN", and "ABOUT" links on the right. The main content area features a white rounded rectangle with the word "Register" in a large, black, cursive font. Below it are five input fields labeled "Username", "Name", "Email", "Contact", and "Password". A blue button with the text "Create" is positioned below the password field. At the bottom of the white box is a link that says "Login". The footer is a solid orange bar with the text "Project by Basil George Poulose, Nikhil Niranjan & Karthik Krishna, Copyright © 2019".

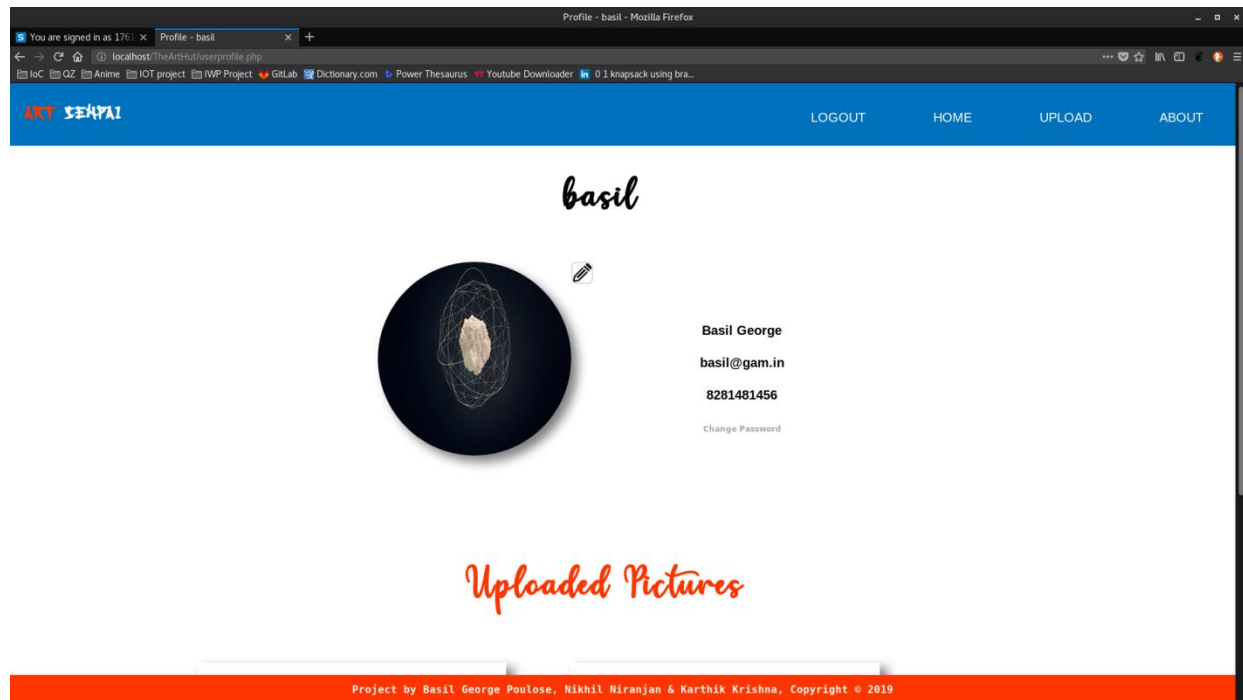
The user needs to enter their respective details which will later be displayed on their profile corner of the website.



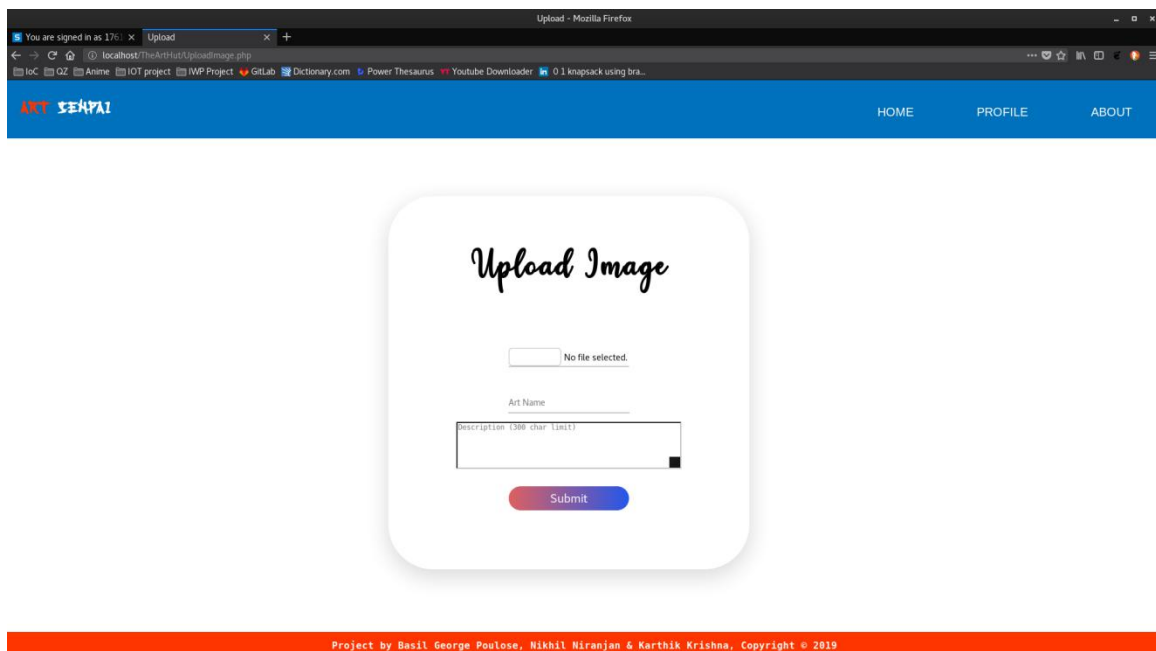
To upload or change your profile picture, the user needs to click on the pencil icon which on the right top corner of the profile picture and it takes you to a new window.



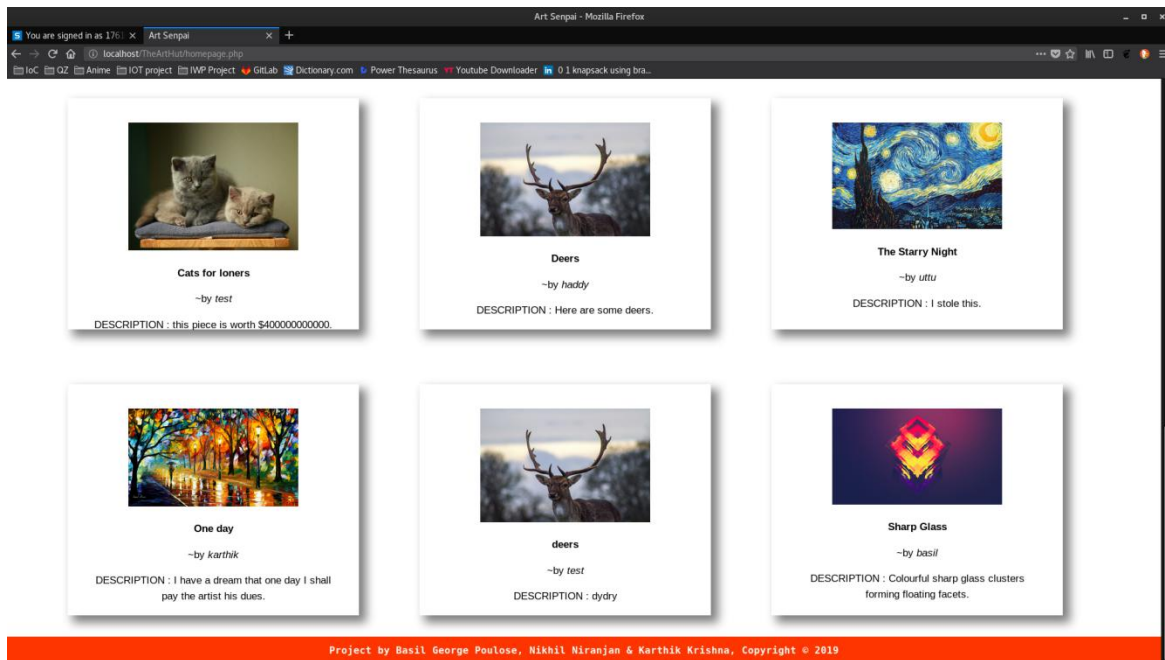
We then select a picture from your laptop and click submit and it gets updated in the database.



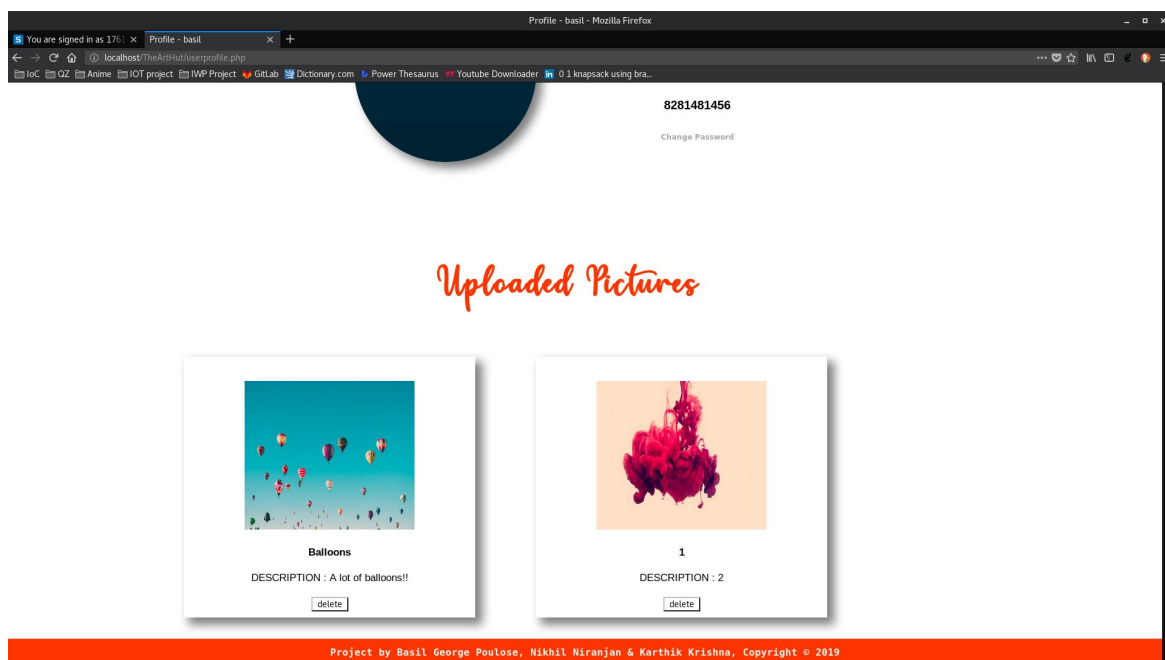
After this, the user can upload pictures by clicking upload and selecting a picture and pressing submit.



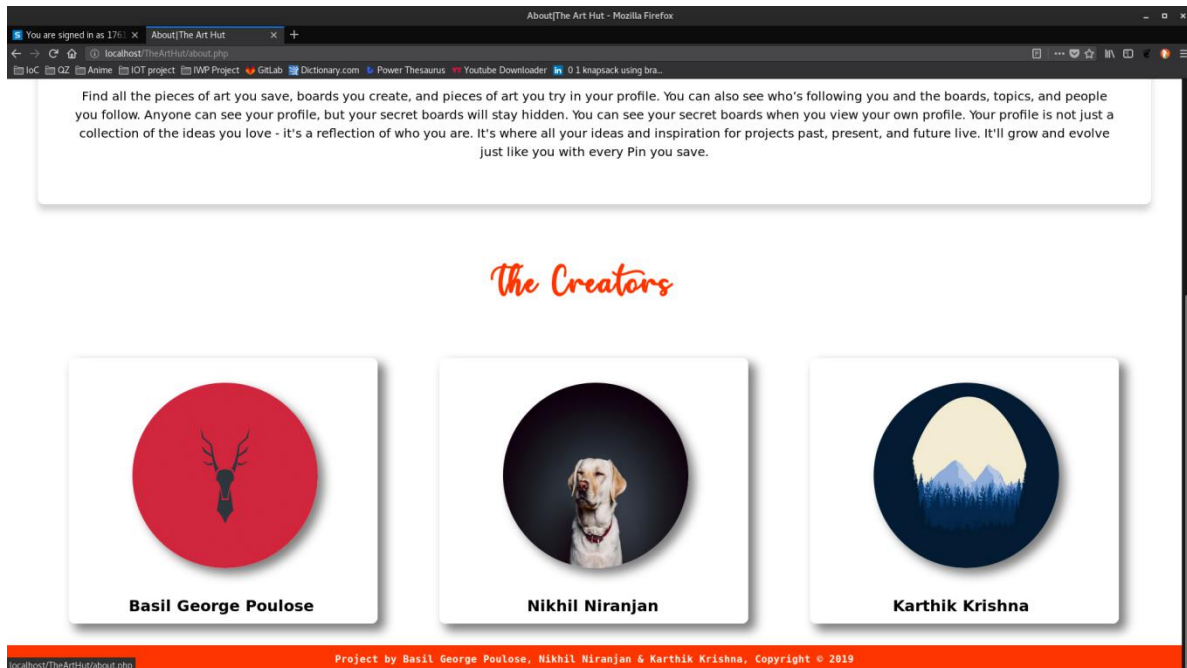
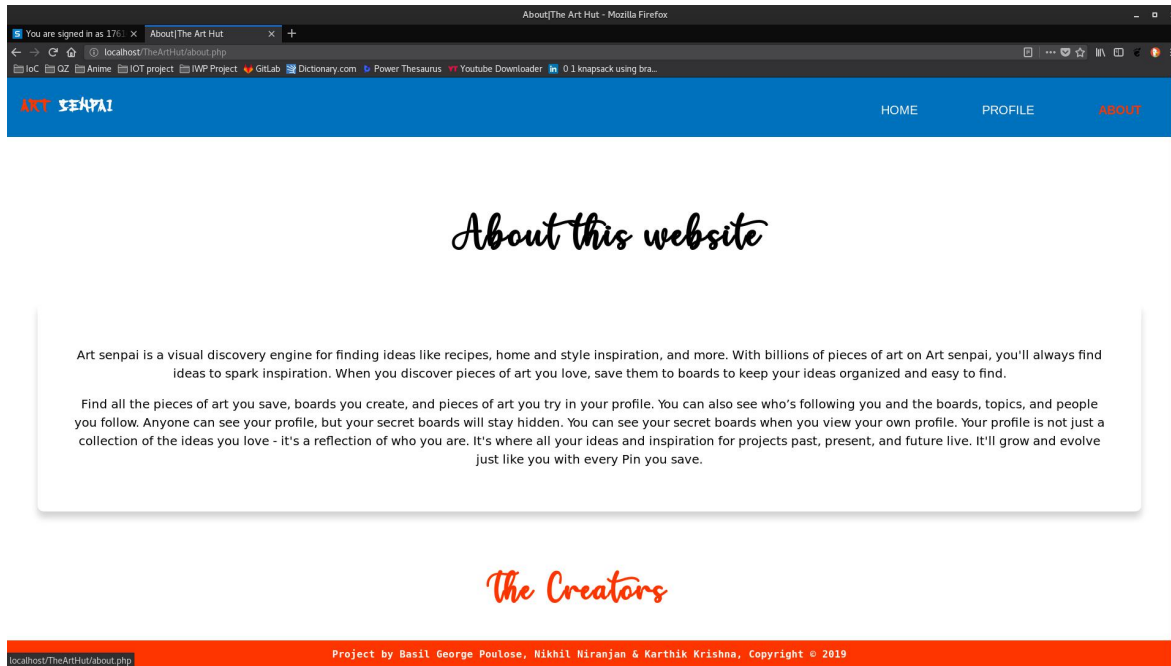
After uploading the picture, the user can see his uploads on the homepage of the websites.



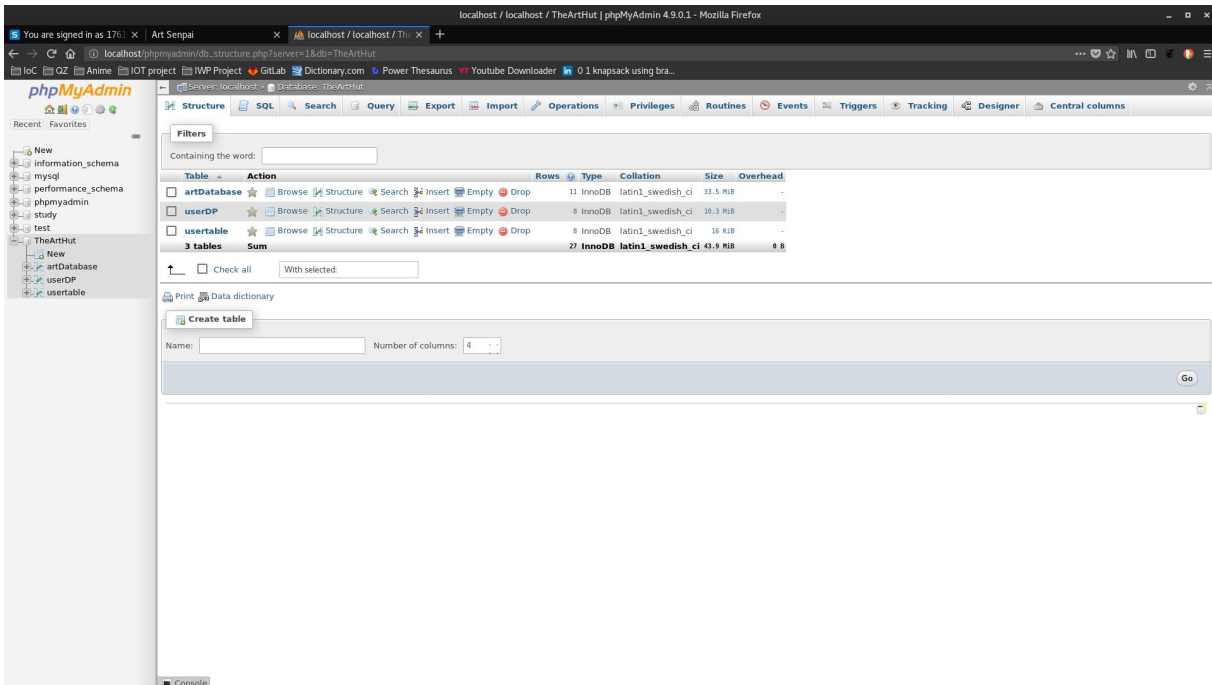
Then, under the user profile, we can also see the previous uploads by the user onto the website.



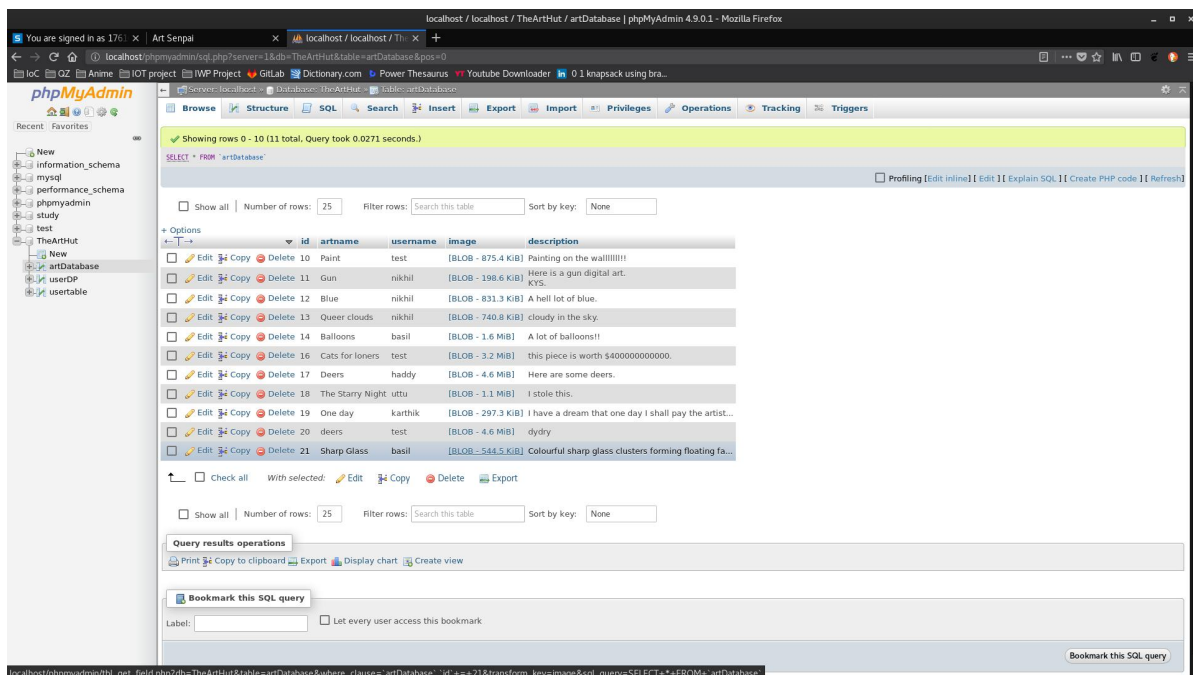
The website also has an About corner about it and also has information about the users under it.



The screenshot below show us the PHP database of the Art Senpai website.



The screenshot below shows us the database of the homepage and all the uploaded artwork.



The screenshot below displays the user's profile picture database.

The screenshot shows the phpMyAdmin interface with the 'userDP' table selected. The table contains 8 rows of user profile pictures. The columns are 'id', 'username', and 'image'. The data is as follows:

id	username	image
23	test	[BLOB - 439.7 KiB]
24	basil	[BLOB - 278.1 KiB]
26	nik	[BLOB - 911.7 KiB]
27	daniel	[BLOB - 180.6 KiB]
28	jCube	[BLOB - 4.8 MiB]
29	prat	[BLOB - 812.2 KiB]
30	haddy	[BLOB - 1 MiB]
31	uttu	[BLOB - 180.6 KiB]

The screenshot displays the user's login information database.

The screenshot shows the phpMyAdmin interface with the 'usertable' table selected. The table contains 14 rows of user login information. The columns are 'id', 'username', 'password', 'name', 'contact', and 'email'. The data is as follows:

id	username	password	name	contact	email
1	basil	basil	Basil George	8281481456	basil@gam.in
2	test	test	Test Account	12345	test@account.com
3	daniel	daniel	Daniel	345435	danny@gg.com
7	nikhil	NIKHIL	Nikhil Cyril Niranjana	23324114	nikki@niknik.nik
8	jCube	jeevan	Jeevan J Jacob	6545362	jeevan@gmail.com
12	haddy	haddy	Hadi Saheer	653421	hadiSaheer@gmail.com
13	uttu	uttu	Uttara Nambiar	7259604079	uttunambi@gam.in
14	karthik	karthik	K Karthikk	43213	karthikkkrishna.26@gmail.com

Conclusion & Future Scope:

The advantages of online art gallery is that an Online art gallery is a new concept of trending for modern art lovers who want to purchase artworks but unable to come to gallery or being in their comfort zone. Following are some pointers that are advantages of online art gallery-

1. Art viewers can see art works according to their availability of time & within their comfort.
2. On traditional art exhibitions art enthusiasts has to go through all the art galleries to find their desired art medium or artist but on online art gallery, they can search for the same.
3. Online art gallery they also guide the buyer about the art works.
4. Through online art galleries you can receive purchased art works directly from artist.
5. A complete record of art works as well as artist is also available on site.
6. They also provide authenticity of work and you can also cross check it through online.
7. These sites are also very helpful for young artist so they get exposure by uploading their work on it.
8. Buyer can share and suggest their friends, their selected images without wasting time and money.
9. Fewer infrastructure is required for virtual art galleries so it is very economic.

In a nutshell, online art galleries are the future scope of selling, exhibiting the art works market. Gradually it will be more and more improved and grow throughout the world. Now they had also started using the 360 degree view and panoramic image for better feel of the virtual art gallery experience. Only one possible restriction is faced by that when the reduced the size of image of particular art works they should be sure for the quality and clarity should not be compromised. At the last I should say that technology is the future of everything so as soon the artists adapt it will be beneficial for art world. The Information era also gives opportunity to virtual art gallery to flourish. In the future, we can also include liking a picture, saving and sharing pictures to look at them later.