

SCHOOL OF INFORMATION TECHNOLOGY AND ENGINEERING

Project Title: Artistify

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I) Project Description

1) Project Overview

This project aims at providing the unheard artists a platform to showcase their talents.

2) The Purpose of the Project

Social media platforms are an excellent means to showcase one's true talent hence creating a project. The purpose of the project is to help people come together on a social platform and develop their artistic side. The people will be able to publish their content on a large scale. They will be able to improve their skills through constructive feedback provided by the audience.

3) Goals of the Project

- → To provide an interactive portal easily accessible by both the artist and the audience.
- → To be able to host the content published by the artist.
- → Provide the ability to share their favourite work with friends.
- → Create a review based system of recommendations.

4) Tools

HTML, CSS, PHP, SQL, Apache Server

II)Abstract

Problem Statement

Artistify is a project that aims in developing a platform for the unheard artist to showcase their talent. There are not many platforms for these artists. This project has many modules like upload, notification,

Favourites, homepage, search and review.

Problems and solution

Manual process of keeping users uploads is very difficult. The problems while creating the website were slow upload speed, lack of quality of images, storing user details. The solutions to these were we created a database to store the user and upload details.

Technique used

- 1) Keep it super simple: The main objective is to keep the website easy to interact with. Also, applying the principle, users will be surprised by the fast-paced atmosphere and assists them in quickly finding what they view for.
- 2) Well quality typography comes from the experience of what other e-commerce web design services have done. Give decisions based on this experience. So, here we stuck with simple forms. Effective web design techniques make users experience more pleasurable.
- 3) The most important thing is that the navigation buttons should like, well, navigation buttons. Moreover, the text on them should explicitly state where the button will take a user. Make sure the buttons work and are available for navigation.

4) To ensure navigation from one site to another site works smoothly.

Programming Technique

Php is a server side scripting language used to develop static websites or dynamic websites. Php can handle forms i.e. gather data files from files, save data to files. You add, delete, modify elements within your database through PHP. HTML and CSS are two of the core technologies for building web pages. We have used bootstrap in this project as it is a potent front-end framework used to create modern websites

Goals

Overall this project of ours has been developed to help the budding artists all over the world that provides a forum to exhibit one's true talent. Since it is an online platform, this gives the users easy access at any time of the day instead of the traditional approach of having to showcase talent face-to face especially taking the current global pandemic into consideration, hence keeping the artists busy and ensuring the safety of the audience and artists.

III) Modules

1) Login/Logout

The login will take the user to his/her profile. Each user will have a separate page from where they can control their activity.

2) Homepage

This page will display all the options available to the user. Navigation panel will contain the options of Upload, Searching, Sharing, Notification and Favourites.

3) Upload

Lets the user upload their desired content to the website.

4) Search

Lets the user search for the content of their choice. Content can also be found by searching the name of the artist.

5) Reviews

Lets the user view the feedback provided by other users on their content. Each uploaded file will contain the option to write a review for other users to give their feedback.

6) Favourites

Users can favourite the artists they are interested in and the work published by these artists will be displayed in the user feed based on the feedback.

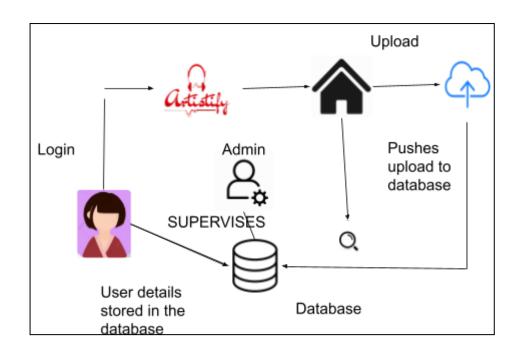
7) Sharing

The user can share any of the content with other users.

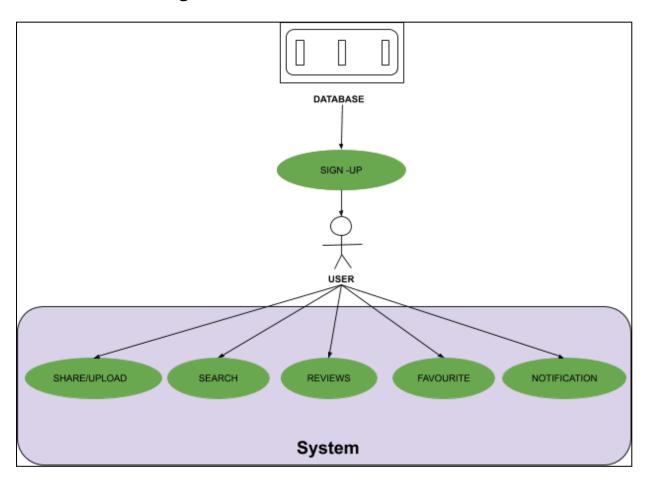
8) Notification

This will display the posts that have been shared by the user.

IV) Process Flow



V) <u>User Case diagram</u>



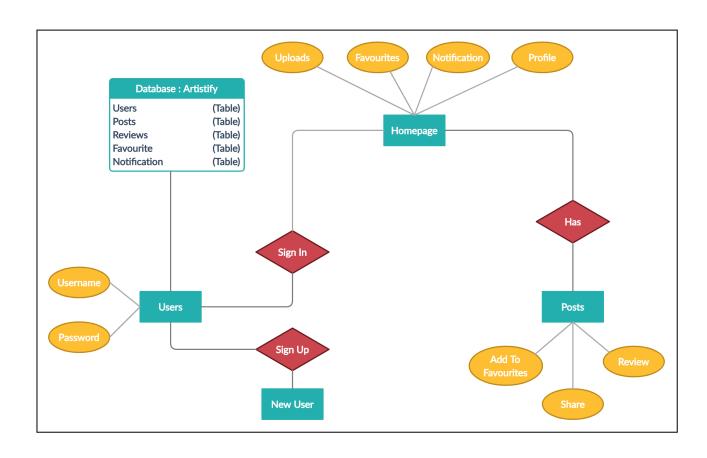
Dependencies

- ☐ Database storage
- ☐ Php libraries

Show Stoppers

☐ Uploading time can affect the speed of the process

VI) ER DIAGRAM



VII) <u>Database Details</u>

Database name : Artistify

<u>Tables</u>

Table: Users

No. of Columns: 3

Column Details:

| Name | id (Primary) | username | password | pic |
|-------|----------------|----------|----------|------|
| Туре | int | varchar | varchar | text |
| Extra | AUTO_INCREMENT | | | |

Sample inputs:

| ←7 | \vdash | | $\overline{}$ | id | username | password | pic |
|----|--------------|-----------------|---------------|----|----------|----------------------------------|---------|
| | 🥜 Edit | ≩ в Сору | Delete | 19 | Ritik | 47872f95a309a50ebd43c2ea39882f6c | DP1.jpg |
| | Edit | ≩ в Сору | Delete | 20 | Jatin | 8c9e5de7349dbbd6dbd07b21efb4282e | DP2.jpg |
| | <i></i> Edit | ≩ € Copy | Delete | 21 | Megha | 8e955e947a7f8b73665ff055d6508f28 | DP3.jpg |

Table : Posts

No. of Columns: 8

Column Details:

| Name | post-id (Primary) | user-id | type | title | description | img | audio | content |
|-------|----------------------|---------|------|-------|-------------|------|-------|----------|
| Type | int | int | int | text | text | text | text | longtext |
| Extra | AUTO_INCR EMENT | | | | | | | |

Sample inputs:

| ۲→ | _→ | | ~ | post- id | user- id | type | title | description | img | audio | content |
|----|-----------------|---------------|--------|-------------|-------------|------|-----------------------|--|----------|-------|--|
| | <i></i> Edit ₹ | і Сору | Delete | 34 | 19 | 1 | A star filled sky | Sometimes we find ourselves in situations where we | PIC4.jpg | | |
| | <i>⊘</i> Edit 3 | с Сору | Delete | 35 | 19 | 1 | The Lake House | This is a view of the lake house we stayed at duri | PIC5.jpg | | |
| | <i>⊘</i> Edit | с Сору | Delete | 36 | 22 | 2 | The Escaped Man | Keeping up with the Halloween theme here is a shor | | | "You have to puke it up," said Cee. "You have to g |
| | Ø Edit ₫ | ċ Copy | Delete | 37 | 21 | 3 | If you can | This is a poem to remind everyone that anything is | | | If you can keep your head when all about you Are |

Table: Reviews

No. of Columns: 4

Column Details:

| Name | id (Primary) | post-id | user | comment |
|-------|----------------|---------|---------|----------|
| Туре | int | int | varchar | longtext |
| Extra | AUTO_INCREMENT | | | |

Sample inputs:



Table: Favourite

No. of Columns: 3

Column Details:

| Name | fav-id (Primary) | user-id | post-id |
|-------|------------------|---------|---------|
| Туре | int | int | int |
| Extra | AUTO_INCREMENT | | |

Sample inputs:

| ←∏ | _→ | ~ | fav-id | user-id | post-id |
|----|--------------|------------|--------|---------|---------|
| | Ø Edit 3 Cop | y 🥥 Delete | 8 | 19 | 40 |
| | Ø Edit 3 Cop | y 🥥 Delete | 9 | 21 | 36 |
| | Ø Edit ₃ Cop | y 🥥 Delete | 10 | 22 | 35 |
| | Ø Edit 3 Cop | y 🥥 Delete | 11 | 22 | 36 |

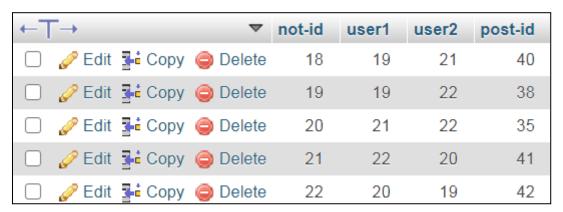
Table: Notification

No. of Columns: 4

Column Details:

| Name | not-id (Primary) | user1 | user2 | post-id |
|-------|------------------|-------|-------|---------|
| Туре | int | int | int | int |
| Extra | AUTO_INCREMENT | | | |

Sample inputs:



VIII) Source Code

```
include('session.php');
    $userid = $ SESSION['id'];
    $query = "SELECT * FROM users WHERE id = '$userid'" or
die(mysql error());
    $results = mysqli query($db, $query);
    $row = mysqli fetch array($results);
    $username = $row['username'];
<html lang="en">
    <meta charset="UTF-8">
    <link rel="stylesheet"</pre>
href="https://use.fontawesome.com/releases/v5.7.1/css/all.css">
href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.mi
n.css">
    <link rel="stylesheet" href="CSS/Welcome.css">
href="https://fonts.googleapis.com/css2?family=Lily+Script+One&display=sw
ap" rel="stylesheet">
href="https://fonts.googleapis.com/css2?family=Alegreya+Sans+SC:wght@700&
display=swap" rel="stylesheet">
href="https://fonts.googleapis.com/css2?family=Quicksand:wght@500&display
    <title>Home | Artistify</title>
src="logo.png" alt="site logo"></a>
```

```
<button class="navbar-toggler navbar-toggler-right" type="button"</pre>
data-toggle="collapse"
          data-target="#navbarSupportedContent"
aria-controls="navbarSupportedContent" aria-expanded="false"
          aria-label="Toggle navigation">
          <span class="bars"></i></span>
id="navbarSupportedContent">
          <a class="nav-link"</pre>
href="Welcome.php">Home</a>
              <div class="btn-group">
                     <a class="btn upload" data-toggle="dropdown"</pre>
aria-haspopup="true" aria-expanded="false">
                         Upload
                     <div class="dropdown-menu">
                         <a class="btn dropdown-item"</pre>
data-toggle="modal" data-target="#picModal">
                            Photograph
data-toggle="modal" data-target="#storyModal">
                            Story
                         <a class="btn dropdown-item"</pre>
data-toggle="modal" data-target="#poemModal">
data-toggle="modal" data-target="#musicModal">
                            Music
              <a class="nav-link"</pre>
href="view fav.php">Favourites</a>
```

```
<div class="btn-group notification">
                       <a class="btn btn-notify" data-toggle="dropdown"</pre>
aria-haspopup="true" aria-expanded="false">Notifications</a>
                               $query = mysqli query($db, "SELECT * from
notification where `user2`='$userid'");
                               while($row = mysqli fetch array($query)){
                                   $sent id = $row['user1'];
                                   $postid = $row['post-id'];
                                   $query1 = mysqli query($db,"SELECT
username from users where `id`='$sent id'");
                                   $query2 = mysqli query($db,"SELECT *
from posts where `post-id`='$postid'");
                                   $row1 = mysqli fetch array($query1);
                                   $row2 = mysqli fetch array($query2);
                                   $sent by = $row1['username'];
                                   $post by id = $row2['user-id'];
                                   $title = $row2['title'];
                                   $query3 = mysqli query($db, "SELECT
username from users where `id`='$post_by_id'");
                                   $row3 = mysqli fetch array($query3);
                                   $post by = $row3['username'];
                           <a class="btn not-item"</pre>
href="view post.php<?php echo '?id='.$postid; ?>">
                               <div class="container not-content">
                                   @<?php echo $sent_by ?> shared a post
by @<?php echo $post by ?>
               <form action="search.php" method="post">
```

```
<input type="text" name="query"</pre>
placeholder="Search">
                        <button type="submit" name="search"><i class="fa</pre>
fa-search"></i></button>
            <div class="btn-group">
data-toggle="dropdown" aria-haspopup="true"
                    aria-expanded="false"><i class="fas</pre>
fa-user-circle"></i> Profile</a>
                <div class="dropdown-menu">
                    <div class="profile-pic">
                    $query = mysqli query($db,"SELECT * from users where
 id` = $userid") or die(mysqli error($db));
                    $row = mysqli fetch array($query);
                    $img src = "upload/".$row['pic'];
Picture">
                    <div class="username"><?php echo $username?></div>
href="profile.php">View Profile</a></div>
            <a href="logout.php" class="logout"><i class="fas
fa-sign-out-alt"></i> Logout</a>
   <div class="container">
        <div class="row">
            <div class="col-lg-10 col-md-10 col-sm-10">
```

```
$query = mysqli_query($db,"SELECT * from posts LEFT
JOIN users on users. id = posts. user-id order by post-id DESC") or
die(mysqli error($db));
                        while($row = mysqli fetch array($query)) {
                         $post by = $row['username'];
                        $post id = $row['post-id'];
                         $title = $row['title'];
                        $desc = $row['description'];
                         $type = $row['type'];
                        $img src = "upload/".$row['img'];
                         $content = $row['content'];
                         $audio src = "upload/".$row['audio'];
                <?php if($type == 1){ ?>
                <div class="posts photo">
                        @<?php echo $post by; ?>
                        <span>posted a photograph</span>
                    <div class="post-body">
                    <div class="post-footer">
                        <a class="btn review" href="view post.php<?php</pre>
echo '?id='.$post id; ?>">Reviews</a>
                        <button type="button" class="btn share"</pre>
data-toggle="modal"
                            data-target="#share<?php echo $post id;</pre>
?>"><i class="fa fa-share"></i> Share</button>
                        <form action="favourite.php<?php echo</pre>
'?id='.$post id; ?>" method="post">
                            <input type="submit" name="fav" value="Add to</pre>
Favourites" class="btn fav">
```

```
<?php if($type == 2){ ?>
               <div class="posts story">
                       @<?php echo $post by; ?>
                       <span>posted a story</span>
                   <div class="post-body">
                       <span>Description :
</span><?php echo $desc; ?>
                   <div class="post-footer">
echo '?id='.$post id; ?>">Start Reading</a>
                       <button type="button" class="btn share"</pre>
data-toggle="modal"
                          data-target="#share<?php echo $post id;</pre>
?>"><i class="fa fa-share"></i> Share</button>
                       <form action="favourite.php<?php echo</pre>
'?id='.$post id; ?>" method="post">
                          <input type="submit" name="fav" value="Add to</pre>
Favourites" class="btn fav">
               <?php if($type == 3){ ?>
                   <div class="post-by">
                       @<?php echo $post by; ?>
                       <span>posted a poem</span>
                   <div class="post-body">
                       <span>Description :
</span><?php echo $desc; ?>
```

```
<div class="post-footer">
                        <a class="btn review" href="view post.php<?php</pre>
echo '?id='.$post id; ?>">Reviews</a>
                        <button type="button" class="btn share"</pre>
data-toggle="modal"
                            data-target="#share<?php echo $post id;
?>"><i class="fa fa-share"></i> Share</button>
                        <form action="favourite.php<?php echo</pre>
'?id='.$post id; ?>" method="post">
                            <input type="submit" name="fav" value="Add to</pre>
Favourites" class="btn fav">
                <?php if($type == 4){ ?>
                <div class="posts song">
                        @<?php echo $post by; ?>
                        <span>posted a song</span>
                    <div class="post-body">
                        <span>Description :
                        <audio controls>
                            Your browser does not support the audio
element.
                    <div class="post-footer">
                        <a class="btn review" href="view post.php<?php</pre>
echo '?id='.$post id; ?>">Reviews</a>
                        <button type="button" class="btn share"</pre>
data-toggle="modal"
```

```
data-target="#share<?php echo $post id;</pre>
?>"><i class="fa fa-share"></i> Share</button>
                        <form action="favourite.php<?php echo</pre>
'?id='.$post id; ?>" method="post">
                            <input type="submit" name="fav" value="Add to</pre>
Favourites" class="btn fav">
                <div class="modal fade" id="share<?php echo $post id; ?>"
tabindex="-1"
                    aria-labelledby="exampleModalLabel"
aria-hidden="true">
                    <div class="modal-dialog modal-dialog-centered">
                        <div class="modal-content">
                             <div class="modal-header">
                                 <h5 class="modal-title"
id="exampleModalLabel">Share Post</h5>
                                 <button type="button" class="close"</pre>
data-dismiss="modal" aria-label="Close">
aria-hidden="true">×</span>
'?id='.$post_id; ?>" method="post">
                                     <label for="title">Share To :
                                     <input type="text" name='user2'><br>
                                 <div class="modal-footer">
                                     <button type="button" class="btn</pre>
btn-secondary" data-dismiss="modal">Close</button>
                                     <input type='submit' class="btn</pre>
btn-up" value='Share' name='share'>
```

```
<div class="col-lg-1 col-md-1 col-sm-1"></div>
        <div class="modal fade" id="picModal" tabindex="-1"</pre>
aria-labelledby="exampleModalLabel" aria-hidden="true">
            <div class="modal-dialog">
                <div class="modal-content">
                    <div class="modal-header">
                        <h5 class="modal-title"
id="exampleModalLabel">Share your click</h5>
                        <button type="button" class="close"</pre>
data-dismiss="modal" aria-label="Close">
                             <span aria-hidden="true">&times;</span>
                    <form action="post.php" method="post"</pre>
enctype='multipart/form-data'>
                        <div class="modal-body">
                             <label for="title">Title : </label>
                             <input type="text" name='title'><br>
                             <label for="desc">Description : </label>
                             <input type="text" name='desc'><br>
                             <input type='file' name='file' id='filec'>
                        <div class="modal-footer">
                            <button type="button" class="btn</pre>
btn-secondary" data-dismiss="modal">Close</button>
                            <input type='submit' class="btn btn-up"</pre>
value='Save' name='up_pic'>
```

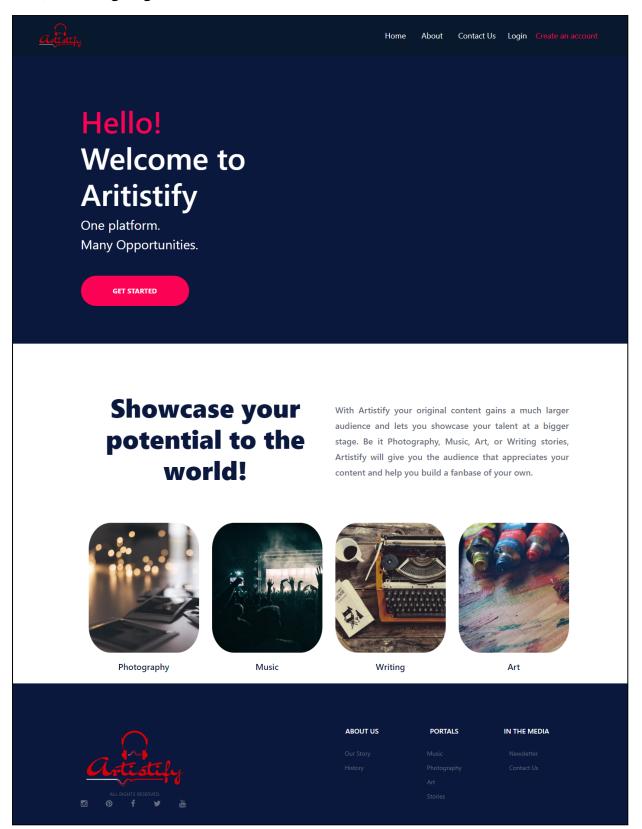
```
aria-labelledby="exampleModalLabel" aria-hidden="true">
                <div class="modal-content">
                    <div class="modal-header">
                        <h5 class="modal-title"
id="exampleModalLabel">Write a Story</h5>
                        <button type="button" class="close"</pre>
data-dismiss="modal" aria-label="Close">
                             <span aria-hidden="true">&times;</span>
                    <form action="post.php" method="post"</pre>
enctype='multipart/form-data'>
                        <div class="modal-body">
                             <label for="title">Title : </label>
                             <input type="text" name='title'><br>
                             <label for="desc">Description : </label>
                             <input type="text" name='desc'><br>
                             <textarea placeholder="Start Writing</pre>
Here...." name="content" rows="15"
                                 id="content"></textarea>
                         <div class="modal-footer">
                             <button type="button" class="btn</pre>
btn-secondary" data-dismiss="modal">Close</button>
                            <input type='submit' class="btn btn-up"</pre>
value='Save' name='up story'>
aria-labelledby="exampleModalLabel" aria-hidden="true">
                <div class="modal-content">
```

```
<div class="modal-header">
                         <h5 class="modal-title"
id="exampleModalLabel">Showcase your Poetry</h5>
                        <button type="button" class="close"</pre>
data-dismiss="modal" aria-label="Close">
                            <span aria-hidden="true">&times;</span>
                    <form action="post.php" method="post"</pre>
enctype='multipart/form-data'>
                        <div class="modal-body">
                             <label for="title">Title : </label>
                             <input type="text" name='title'><br>
                             <label for="desc">Description : </label>
                             <input type="text" name='desc'><br>
                             <textarea placeholder="Start Writing</pre>
Here...." name="content" rows="13"
                                 id="content"></textarea>
                         <div class="modal-footer">
                             <button type="button" class="btn</pre>
btn-secondary" data-dismiss="modal">Close</button>
                             <input type='submit' class="btn btn-up"</pre>
value='Save' name='up poem'>
        <div class="modal fade" id="musicModal" tabindex="-1"</pre>
aria-labelledby="exampleModalLabel" aria-hidden="true">
            <div class="modal-dialog">
                <div class="modal-content">
                    <div class="modal-header">
                        <h5 class="modal-title"
id="exampleModalLabel">Share your music</h5>
                         <button type="button" class="close"</pre>
data-dismiss="modal" aria-label="Close">
```

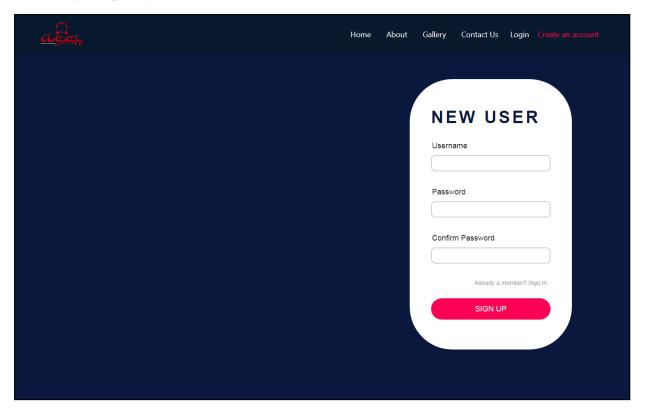
```
<form action="post.php" method="post"</pre>
enctype='multipart/form-data'>
                        <div class="modal-body">
                            <input type="text" name='title'><br>
                            <label for="desc">Description : </label>
                            <input type="text" name='desc'><br>
                            <input type='file' name='file' id='files'>
                        <div class="modal-footer">
                            <button type="button" class="btn</pre>
btn-secondary" data-dismiss="modal">Close</button>
                            <input type='submit' class="btn btn-up"</pre>
value='Save' name='up_song'>
    <script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"</pre>
integrity="sha384-DfXdz2htPH0lsSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUew+
OrCXaRkfj" crossorigin="anonymous"></script>
src="https://cdn.jsdelivr.net/npm/popper.js@1.16.1/dist/umd/popper.min.js
"integrity="sha384-9/reFTGAW83EW2RDu2S0VKaIzap3H661ZH81PoY1FhbGU+6BZp6G7n
iu735Sk7lN" crossorigin="anonymous"></script>
src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.
js"integrity="sha384-B4gt1jrGC7Jh4AgTPSdUt0Bvf08shuf57BaghqFfPlYxofvL8/KU
EfYiJOMMV+rV"
        crossorigin="anonymous"></script>
```

IX) Snapshots

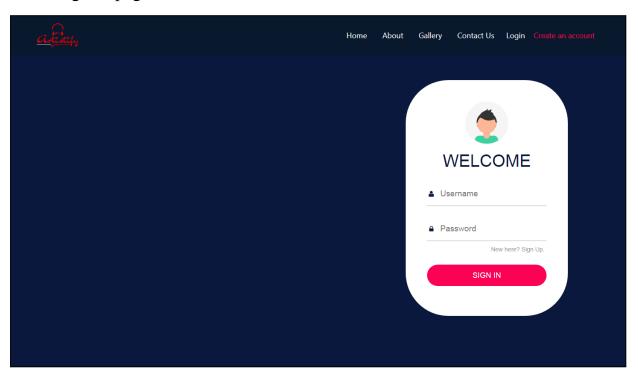
1) Landing Page



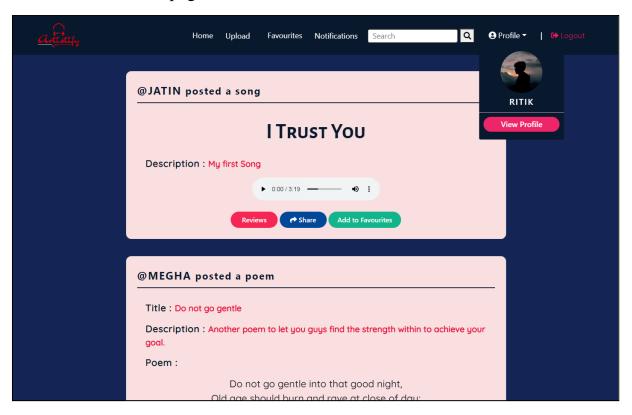
2) Sign Up Page



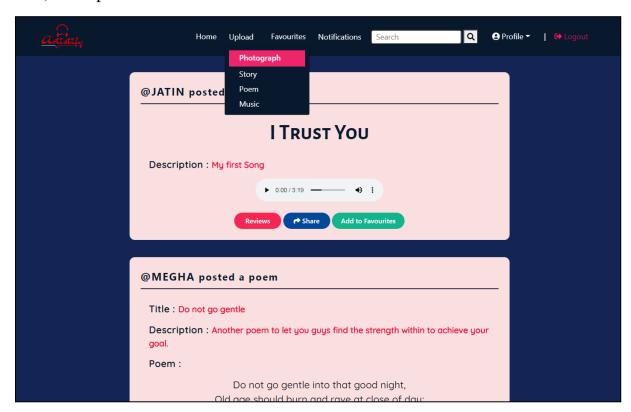
3) Sign In page



4) Account Homepage

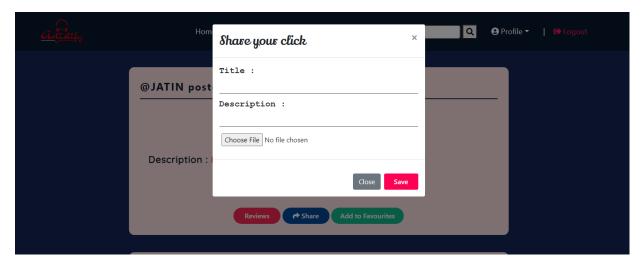


5) To Upload

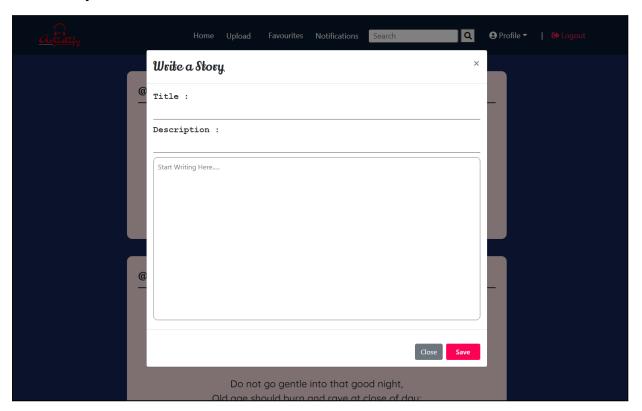


6) Upload Options

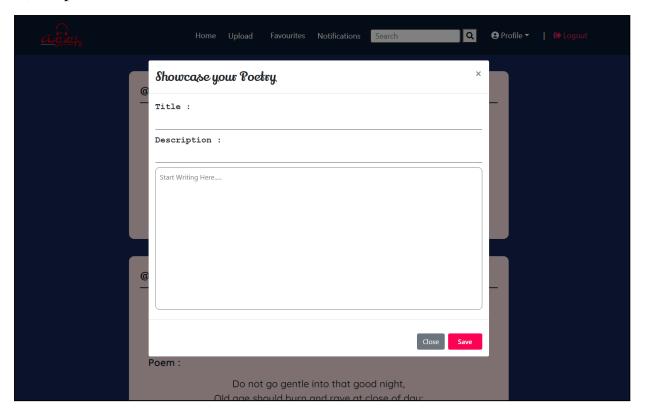
i) for photograph



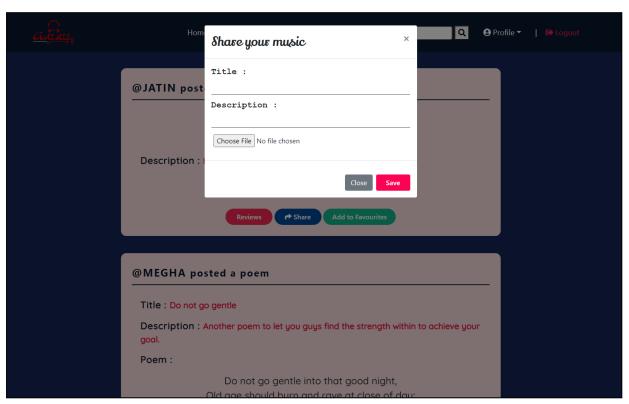
ii) for story



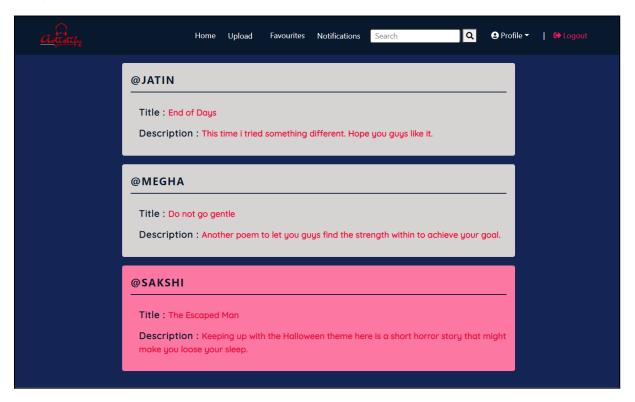
iii) for poem



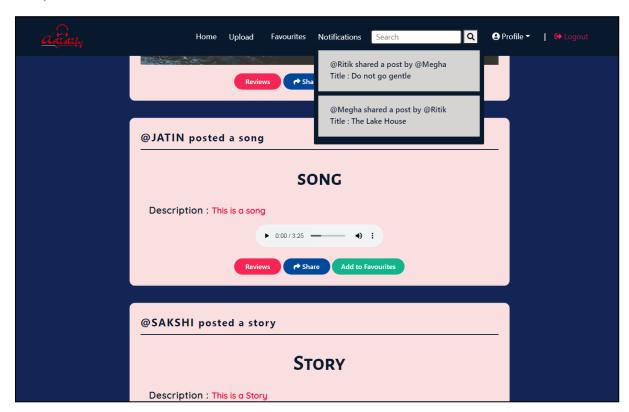
iv) for song



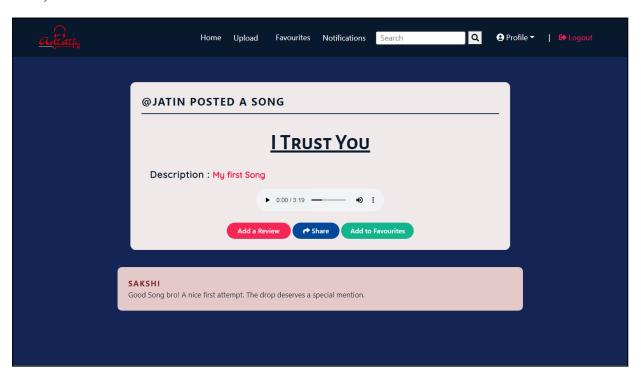
7) Favourites



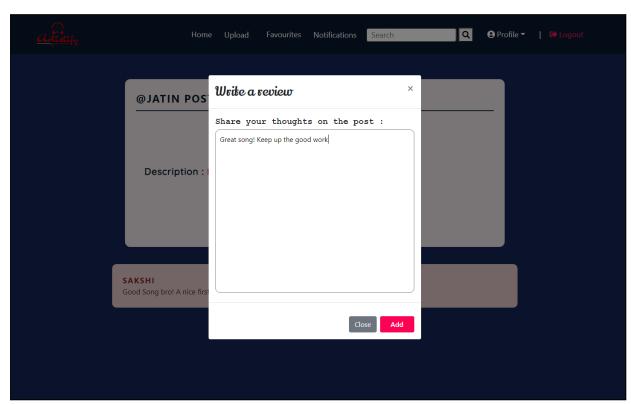
8) Notifications



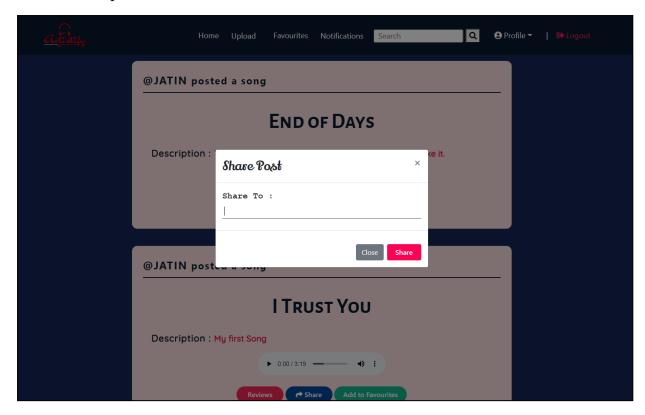
9) View Post and Reviews



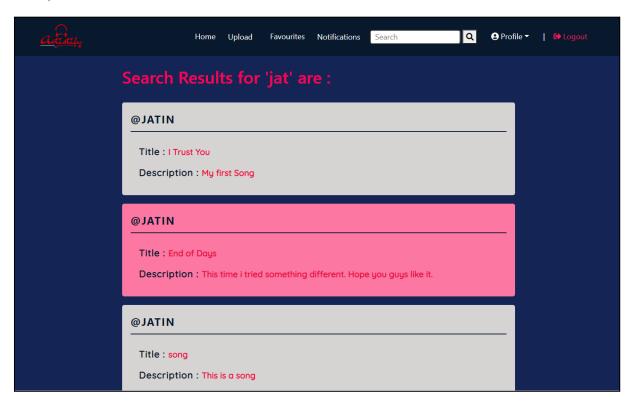
10) Write a Review



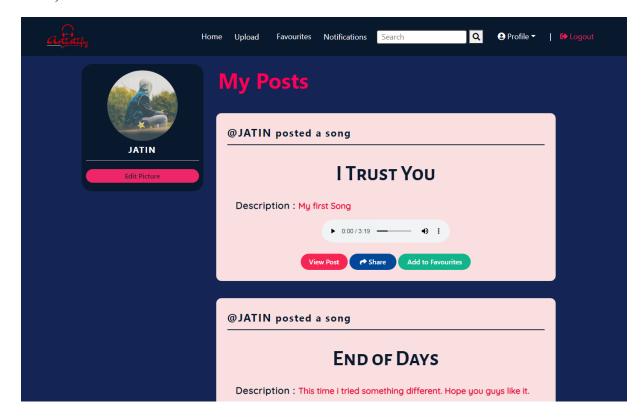
11) Share post



12) Search Results



13) Profile



Conclusion

This project helps provide a platform for the artists to showcase their talent. The artists can easily upload their desired content on the site. This helps bring people together who share similar interests. It also helps in maintaining a systematic and structured database for newly as well as old content uploaded by users.

The purpose of the project is to help people come together on a social platform and develop their artistic side. The people will be able to publish their content on a large scale. They will be able to improve their skills through constructive feedback provided by the audience.

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