VISVESVARAYA TECHNOLOGICAL UNIVERSITY

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A Web Application Mini Project Report
on

College Gallery Notes

Submitted in Partial fulfillment of the Requirements for the VII Semester of the Degree of

Bachelor of Engineering
In
Computer Science & Engineering

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CERTIFICATE

This is to certify that the Web Application Project work entitled **"COLLEGE NOTES GALLERY"** has been carried out by **Sai Chandana G(1CR18CS144)** and **Yashaswini P(1CR18CS187)** bonafide students of CMR Institute of Technology in partial fulfillment for the award of **Bachelor of Engineering** in **Computer Science and Engineering** of the Visvesvaraya Technological University, Belgaum during the year **2019-2020**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. This Web Application Project Report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

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Signature of Guide **Signature of HOD**

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External Viva

Name of the examiners Signature with date

1.

2.

ABSTRACT

Managing and finding notes for subjects in every semester in engineering is a huge task. This project is aimed at developing a desktop-based application named ‘College Notes Gallery’ for managing syllabus notes using a robust database at the backend and a Web based GUI at the frontend.

The application will allow users to upload or download complete notes of a subject starting from the start of their semester, going through the end semester and accurate information to right down to important questions of each subject. The software also allows users to view the list of other users, their uploads and their statistics all at once, thereby helping them build a perspective on the subject. Users also have the privilege to add upload new notes to a particular subject, and to modify their records. The system also , their preferential position of playing thereby guiding managers to build a strong positional team by selecting best rated player at each position. In conclusion, this application will come extremely handy in maintaining player spread across different teams and nations.

ACKNOWLEDGEMENT

We would also like to take this opportunity to thank our Department and HOD for the concept of core subject projects, giving us a chance to learn beyond the boundaries of a textbook. This project has taught us a lot and improved our technical and non-technical skills.

We owe our deepest gratitude to our project guide Mr.Hemanth Kumar, who took keen interest in our project work and guided us all along, till the completion of our project work by providing all the necessary information for developing a good system.

We are thankful to and fortunate enough to get constant encouragement, support and guidance from all the Teaching staff of Department of CSE who helped us in successfully completing our project work. Also,we would like to extend our sincere esteems to all the staff in laboratory for their timely support.

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Chapter 1

INTRODUCTION

The project titled "**College Notes Gallery**" is notes management software for uploading and accessing subject notes based on their respective semester. This project is developed using HTML, CSS and JavaScript for front-end and PHP, MySQL for back-end, which focuses on basic operation like adding a new subject note, searching notes with detailed information and approve or reject them accordingly

This project is a web based application designed and developed to help users access subject wise notes and textbooks. This software is easy to use, and it features a familiar and well- thought-out attractive user interface, combined with strong searching, insertion, and deletion with procedure capabilities.

Analyzing notes have been a huge task performed by professional teachers who are spread around the state. From proper description to detailed explanations, system allows easy maintenance record of such complex literature.

Chapter 2

SYSTEM REQUIREMENT

One of the most difficult tasks is that, the selection of the software, once system requirement is known is determining whether a software package fits the requirements. After initial selection further security is needed to determine the desirability of software compared with other candidates. This section first summarizes the application requirement question and then suggests more detailed comparisons.

2.1 Hardware Requirement

1. 32/64-bit processor
2. i3 or greater intel processor chip
3. 1.7 or more GHz processor

2.2 Software Requirement

1. Windows 7 or higher version OS
2. Google chrome v70.0.3538 or greater
3. AMPP web server
4. Brackets web editor

Chapter 3

DESIGN

To maintain and access notes of each subject in each semester can be hectic and huge effort demanding task. To help users, students or teachers, staffs in education world, College Notes Gallery management system provides effortless notes management system to help users to analyze, access, upload and download notes on a daily basis.

Description of the Project:

This project consists of player details, which describes about player biodata such as age and nationality. It also consists of player stats which describes about players technical skills. It also consists of tables containing details such as player earnings, club information and preferred position of playing. It also provides a strong searching, updating, deleting and inserting operations with a user friendly web based UI.

The project also helps the users to keep track of the player details in a computerized way without any trouble. Every time the user searches through the database, a procedure is called and the results is collected and displayed for the user in a structured manner. It also has 3 triggers namely "**Insert, Delete and Update**" triggers assigned separately to each table. Whenever operations such as insert or delete or update is performed on any table, these triggers are automatically called, and the logs are captured into 3 separate tables, individually for each trigger. Hence use of triggers provides users to trace back all the latest as well as the oldest changes into any table at any point of time.

This project is a simple prototype of managing larger numbers of notes across different semesters with different subjects and syllabus. It helps to access notes and thus aids in building a strong positional exam. It also helps in monitoring authenticity.

3.1 ER Diagram

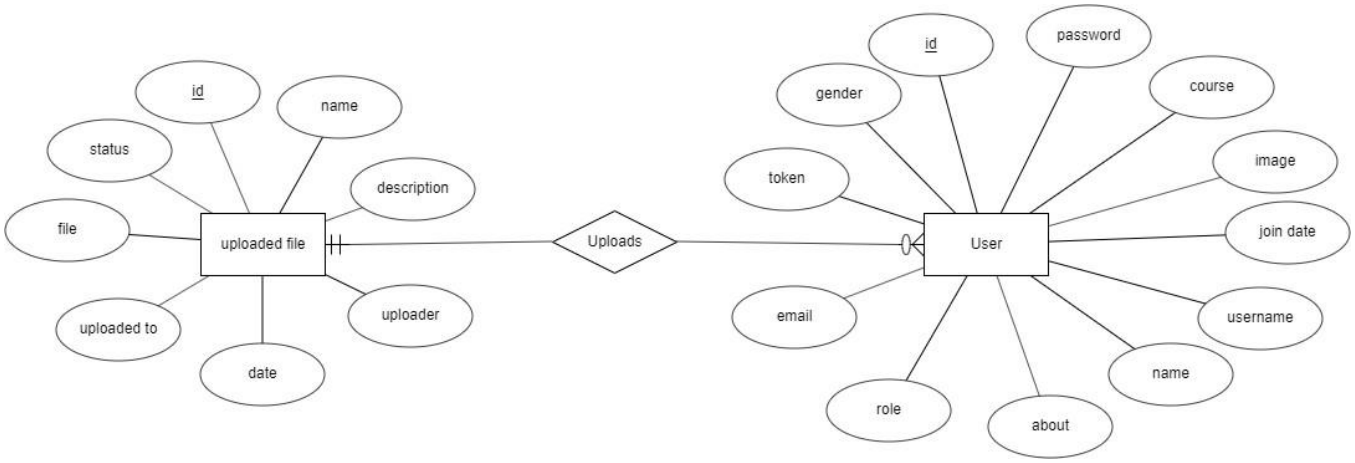

Fig 3.1

3.2 Schema diagram

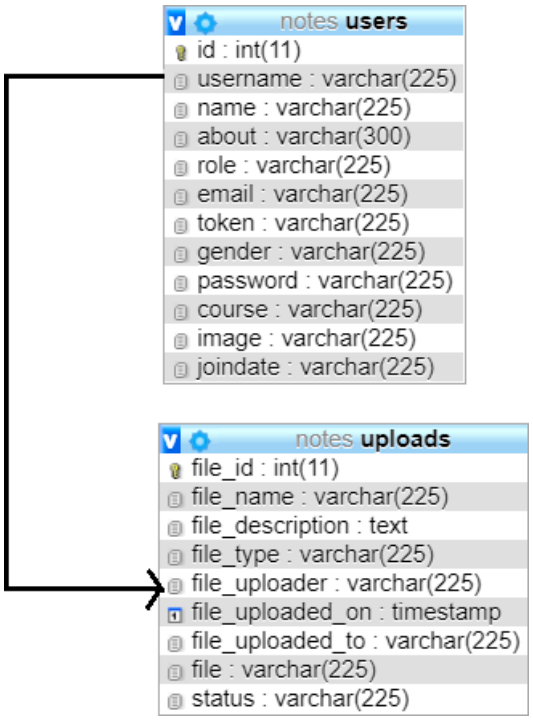

Fig 3.2

3.3 Table Structures:

3.3.1 User Details

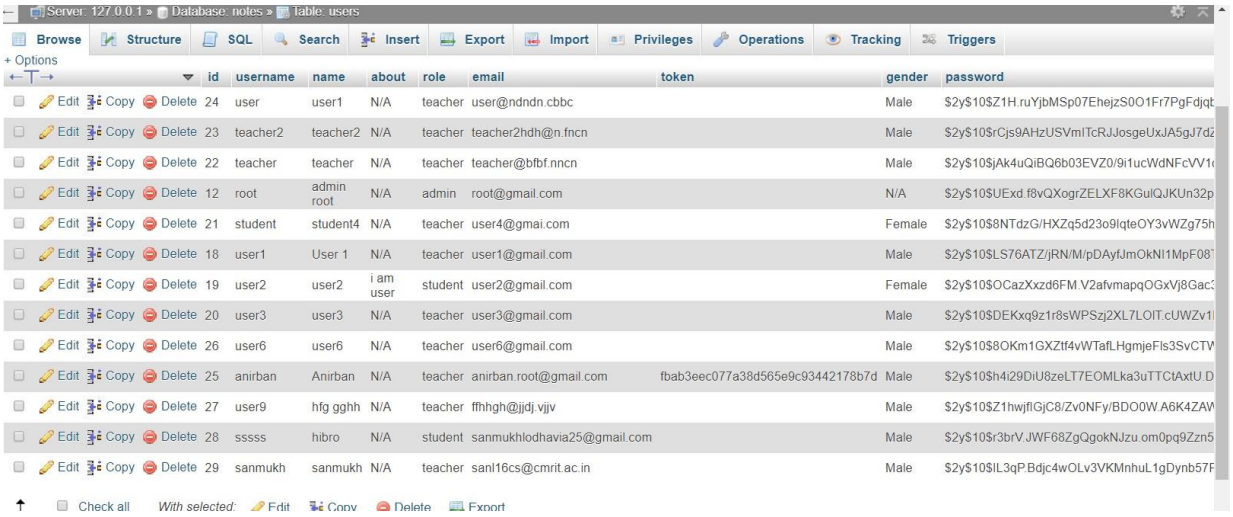

Fig 3.3 User table structure

The user table consists of 6 columns. Username and name are primary keys and username has references of other tables as well. To insert data, username should exist in this table before inserting into other tables.

3.3.2 Upload Details

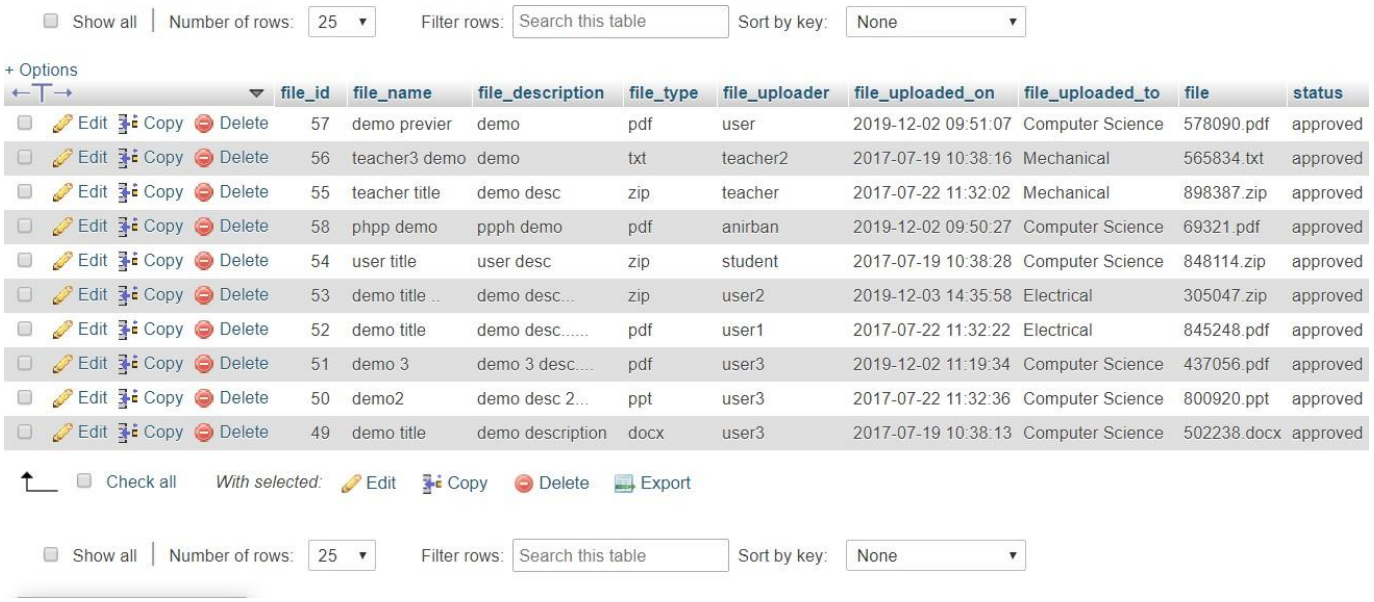

Fig 3.4 User upload table structure

Upload stats table consists of 14 attributes, among which, file_uploader is primary key and also has a foreign key reference to “user” table. It is designed to contain the details of all the dat uploaded by all the users and also their statuses, whether it is approved or deleted by the admin and the status of approval.

Chapter 4

IMPLEMENTATION

4.1 Login.php

```
<?php include 'includes/connection.php';?>
<?php include 'includes/header.php';?>
<?php include 'includes/navbar.php';?>

<?php
session_start();
if (isset($_POST['login'])) {
  $username  = $_POST['user'];
  $password = $_POST['pass'];
  mysqli_real_escape_string($conn, $username);
  mysqli_real_escape_string($conn, $password);
$query = "SELECT * FROM users WHERE username = '$username'";
$result = mysqli_query($conn , $query) or die (mysqli_error($conn));
if (mysqli_num_rows($result) > 0) {
  while ($row = mysqli_fetch_array($result)) {
    $id = $row['id'];
    $user = $row['username'];
    $pass = $row['password'];
    $name = $row['name'];
    $email = $row['email'];
    $role= $row['role'];
    $course = $row['course'];
    if (password_verify($password, $pass )) {
      $_SESSION['id'] = $id;
      $_SESSION['username'] = $username;
      $_SESSION['name'] = $name;
      $_SESSION['email']  = $email;
      $_SESSION['role'] = $role;
      $_SESSION['course'] = $course;
      header('location: dashboard/');
    }
    else {
      echo "<script>alert('invalid username/password');
      window.location.href= 'login.php';</script>";

    }
  }
}
else {
      echo "<script>alert('invalid username/password');
      window.location.href= 'login.php';</script>";

    }
}
```

```
?>


  <div class="login-card">
    <h1>Log-in</h1><br>
  <form method="POST">
    <input type="text" name="user" placeholder="Username" required="">
    <input type="password" name="pass" placeholder="Password" required="">
    <input type="submit" name="login" class="login login-submit" value="login">
  </form>

  <div class="login-help">
    <a href="signup.php">Register</a> • <a href="recoverpassword.php">Forgot Password</a>
  </div>
</div>

  <script src='css/jquery.min.js'></script>
<script src='css/jquery-ui.min.js'></script>


</body>
</html>
```

4.2 Logout.php

```
<?php
session_start();?>

<?php

session_destroy();

header('Location: index.php');

?>
```

4.3 Index.php

```
<?php include 'includes/connection.php';?>
<?php include 'includes/header.php';?>
<?php include 'includes/navbar.php';?>

<br><br>
<link rel="stylesheet" type="text/css" href="styles.css" media="all" />
    <link rel="stylesheet" type="text/css" href="demo.css" media="all" />
    <!-- jQuery -->
    <script type="text/javascript" src="js/jquery.min.js"></script>
    <!-- FlexSlider -->
    <script type="text/javascript" src="js/jquery.flexslider-min.js"></script>
    <script type="text/javascript" charset="utf-8">
    var $ = jQuery.noConflict();
    $(window).load(function() {
    $('.flexslider').flexslider({
        animation: "fade"
    });

          $(function() {
                  $('.show_menu').click(function(){
                                  $('.menu').fadeIn();
                                  $('.show_menu').fadeOut();
                                  $('.hide_menu').fadeIn();
                  });
                  $('.hide_menu').click(function(){
                                  $('.menu').fadeOut();
                                  $('.show_menu').fadeIn();
                                  $('.hide_menu').fadeOut();
                  });
          });
  });
</script>

    <div class="slider_container">
                  <div class="flexslider">
              <ul class="slides">
                  <li>
                          <a href="#"><img src="images/slider/slide1.jpg" alt="" title=""/></a>
                          <div class="flex-caption">
                <div class="caption_title_line"><h2>Easy Notes Management</h2><p>Now easily manage all
kind of notes by uploading them here.</p></div>
            </div>
                  </li>
                  <li>
                          <a href="#"><img src="images/slider/slide2.jpg" alt="" title=""/></a>
                          <div class="flex-caption">
                <div class="caption_title_line"><h2>Upload Various Files</h2><p>User can upload various
types of files like PDF, PPT, DOC etc..</p></div>
```

```
            </div>
                </li>
                <li>
                        <a href="#"><img src="images/slider/slide3.jpg" alt="" title=""/></a>
                        <div class="flex-caption">
                <div class="caption_title_line"><h2>Controled By Admin</h2><p>Everying is managed and
controled by administrator</p></div>
            </div>
                </li>
                <li>
                        <a href="#"><img src="images/slider/slide4.jpg" alt="" title=""/></a>
                        <div class="flex-caption">
                <div class="caption_title_line"><h2>Login For Both Teacher and Student</h2><p>Both teacher
and student can login and upload notes </p></div>
            </div>
                </li>
            </ul>
           </div>
   </div>
    </div>
</div>

</body>
</html>
```

4.4 style.css

```css
* {
  margin: 0px;
  padding: 0px;
}
body {
  font-size: 120%;
  background: #F8F8FF;
}

.header {
  width: 30%;
  margin: 50px auto 0px;
  color: white;
  background: #5F9EA0;
  text-align: center;
  border: 1px solid #B0C4DE;
  border-bottom: none;
  border-radius: 10px 10px 0px 0px;
  padding: 20px;
}
form, .content {
  width: 30%;
  margin: 0px auto;
  padding: 20px;
  border: 1px solid #B0C4DE;
  background: white;
  border-radius: 0px 0px 10px 10px;
}
.input-group {
  margin: 10px 0px 10px 0px;
}
```

```
.input-group label {
    display: block;
    text-align: left;
    margin: 3px;
}
.input-group input {
    height: 30px;
    width: 93%;
    padding: 5px 10px;
    font-size: 16px;
    border-radius: 5px;
    border: 1px solid gray;
}
.btn {
    padding: 10px;
    font-size: 15px;
    color: white;
    background: #5F9EA0;
    border: none;
    border-radius: 5px;
}
.error {
    width: 92%;
    margin: 0px auto;
    padding: 10px;
    border: 1px solid #a94442;
    color: #a94442;
    background: #f2dede;
    border-radius: 5px;
    text-align: left;
}
.success {
    color: #3c763d;
    background: #dff0d8;
    border: 1px solid #3c763d;
    margin-bottom: 20px;
}
```

Chapter 5

DISCUSSION & SCREENSHOTS

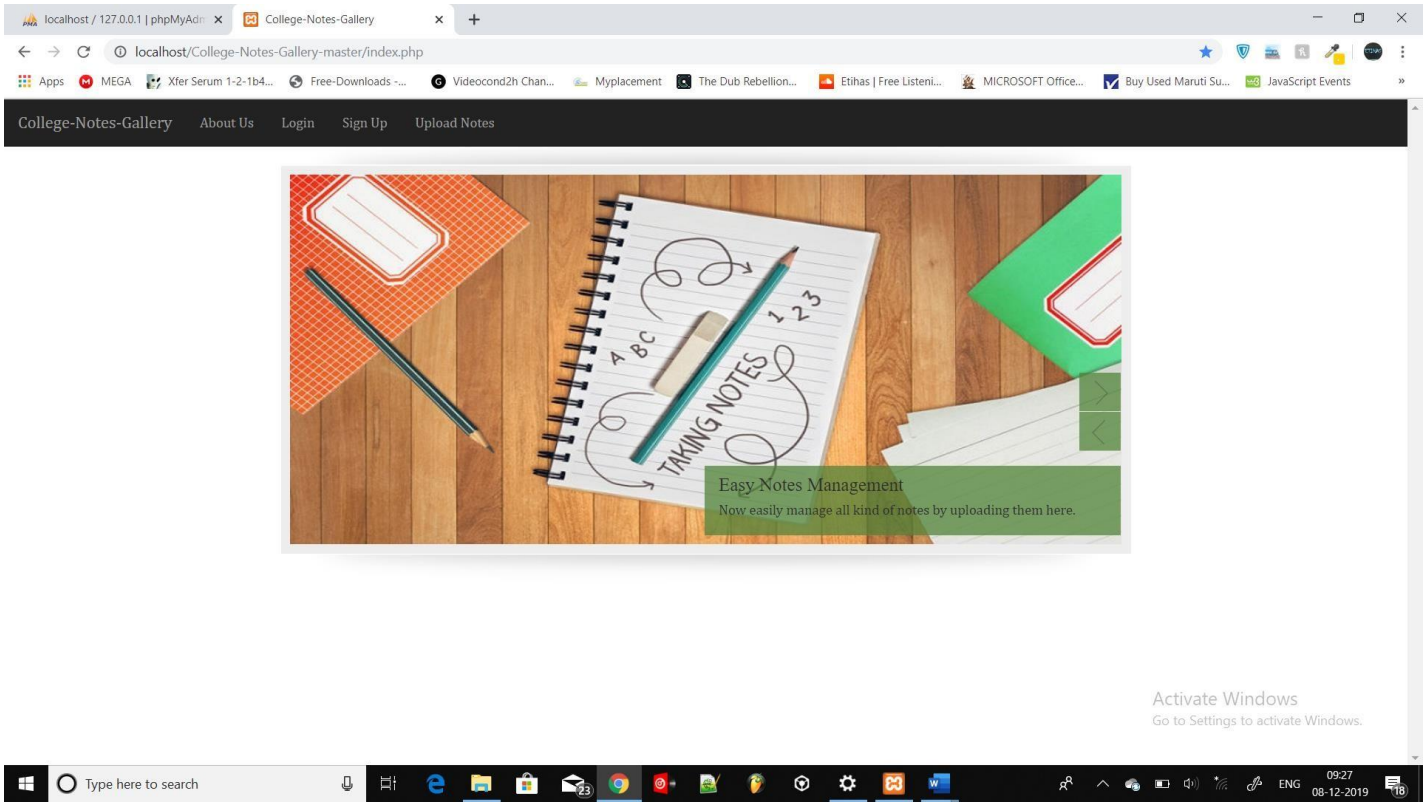

Fig 5.1 Home Page

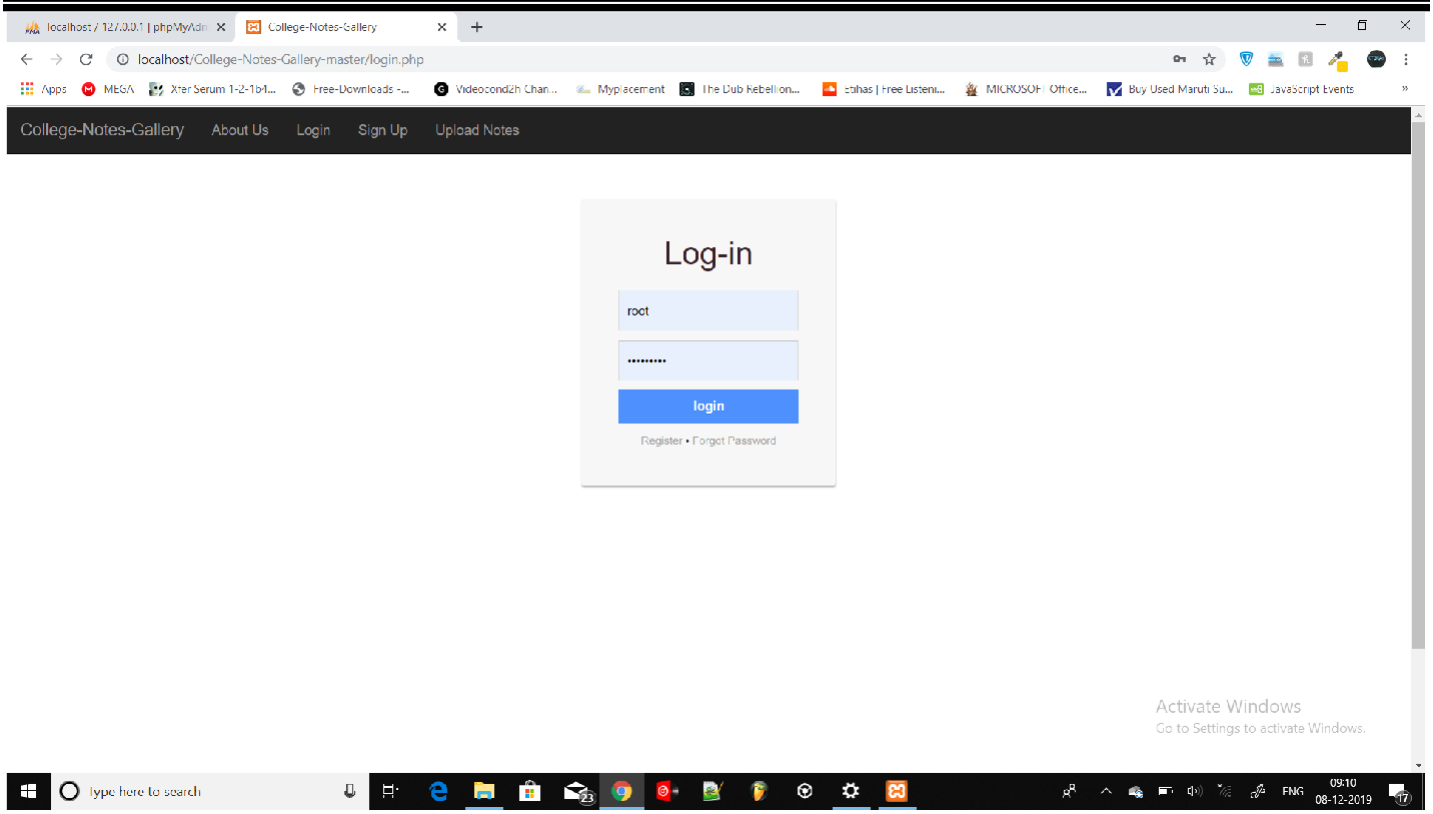

Fig 5.2 Login Page

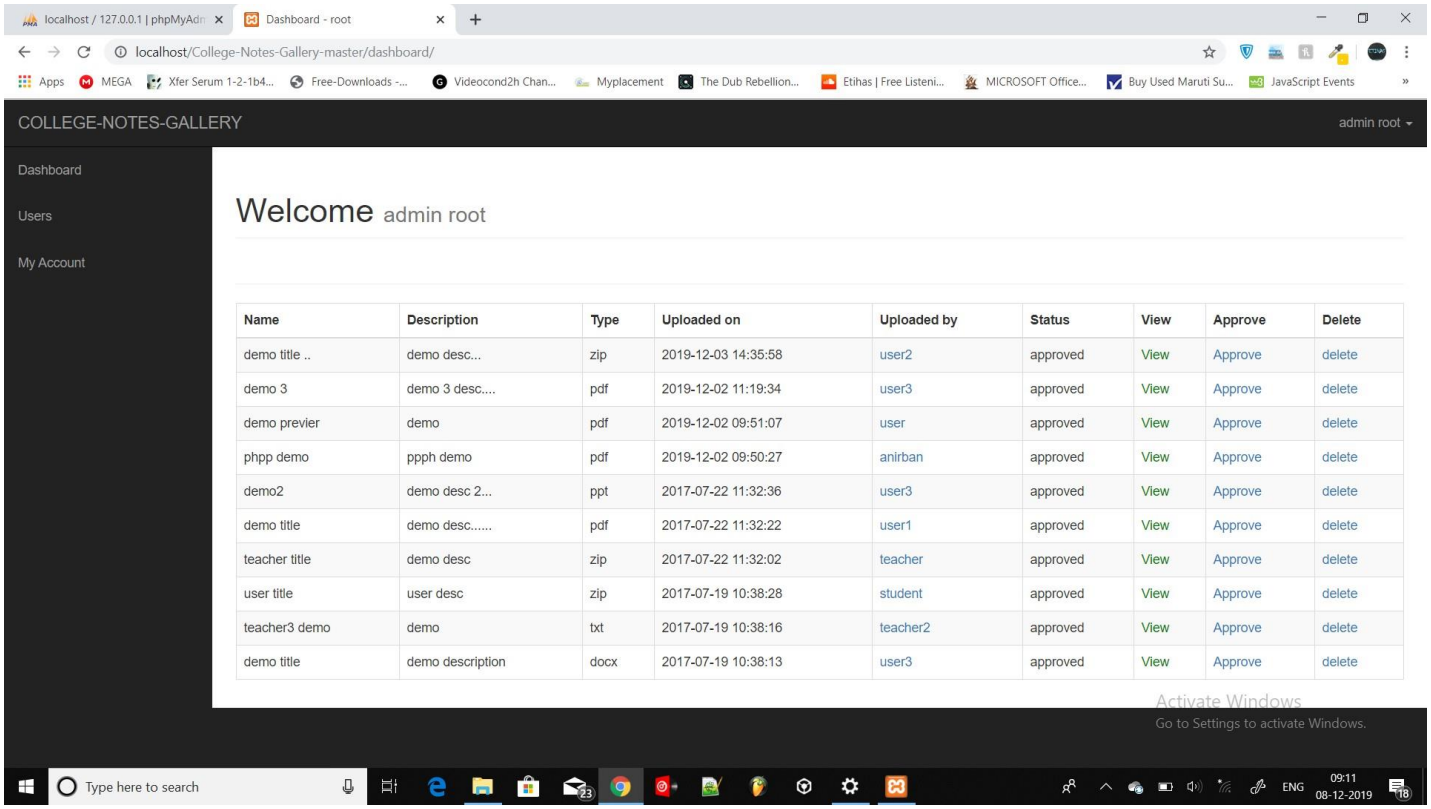

Fig 5.3 Admin Page

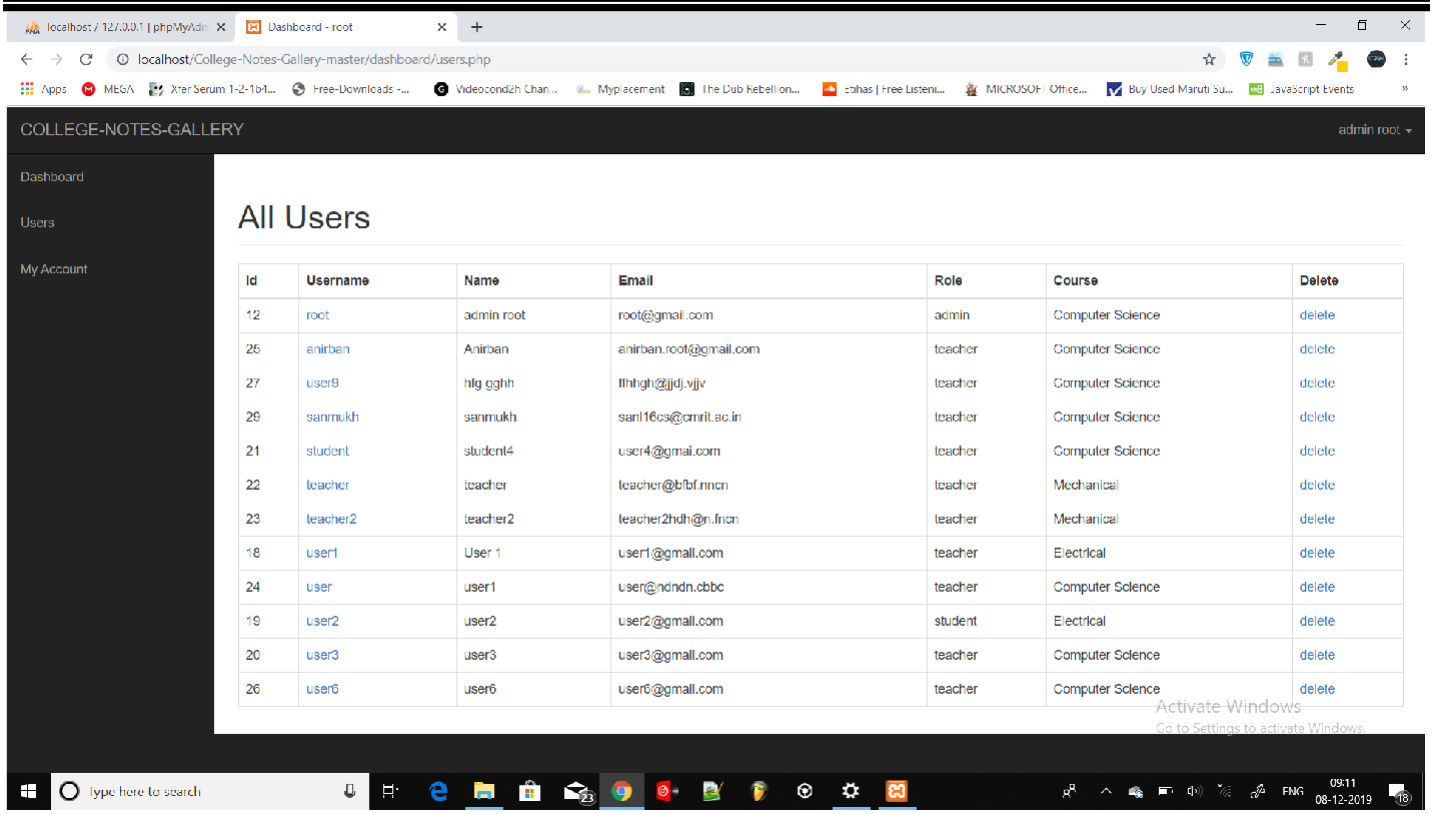

Fig 5.4 Users List Page

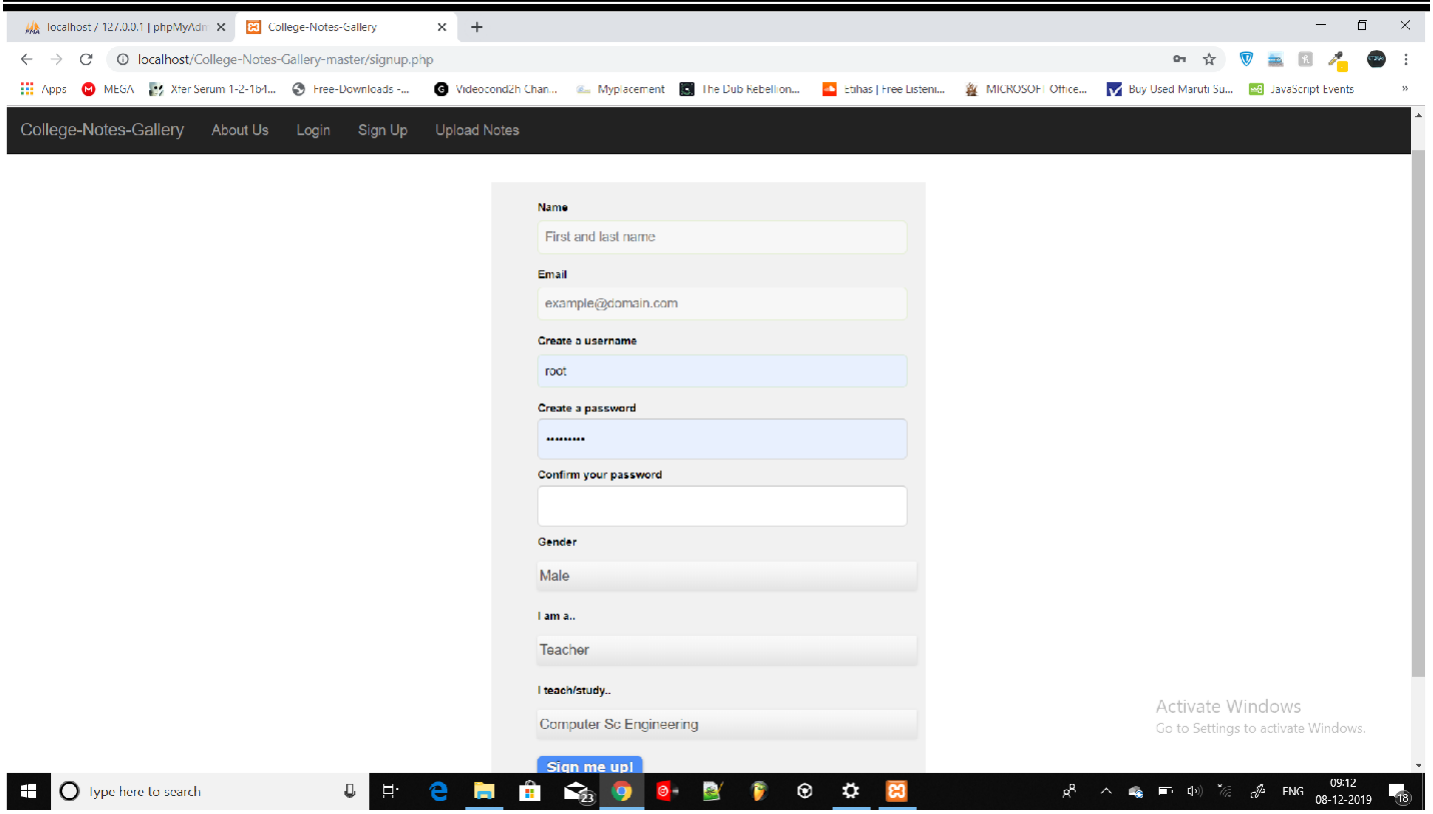

Fig 5.5 Register/Sign-Up Page

Chapter 6

CONCLUSION AND FUTURE SCOPE

6.1 Conclusion

This project is developed to nurture the needs of a user or a student to maintain notes and also upload them for use to other students. This is a computerized version of college library system which will benefit the students as well as the staff of an institution.

In this entire process one can search player details, add new skilled players, update ratings and view all the player statistics. The software takes care data and carefully stores all the player information. It provides security and encapsulation by the use of stored procedures.

6.2 Future scope

There is a future scope of this project which is to help students and college staffs to get out the best subject literature across the world. Features like analyzing and approving or rejecting notes, which is an admin only privilege , will help maintain legit and accurate notes for a particular subject. according to the user’s needs.

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- https://www.w3schools.com/html/default.asp
- https://www.w3schools.com/css/default.asp
- https://www.w3schools.com/php/default.asp
- https://www.ibm.com/support/knowledgecenter/en/SSEPEK_10.0.0/apsg/src/tpc/db2z_storedprocedure.html