VISVESVARAYA TECHNOLOGICAL UNIVERSITY

"JNANA SANGAMA", BELAGAVI-590018

A MINI PROJECT REPORT ON

QUIZ MANAGEMENT SYSTEM

Submitted in partial fulfilment of the requirements

For the award of degree of

Bachelor of Engineering

In

Computer Science and Engineering

By

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CERTIFICATE

This is to certify that mini project work entitled **"Quiz Management System"** carried out by **Ms. ANUSHREE H and Mr. MANJUNATH R** bearing USN **1KS20CS009 and 1KS20CS054** Bonafede student of **K.S. Institute of Technology** in the partial fulfilment for the award of the **Bachelor of Engineering** in **Computer Science & Engineering** of the **Visvesvaraya Technological University, Belagavi,** during the year 2023. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The mini project report has been approved as it satisfies the academic requirements in respect of mini-Project work prescribed for the said degree for the 5th semester.

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Name of the Examiners **Signature with date**

1.

2.

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ABSRACT

QUIZ MANAGEMENT SYSTEM is a web-based examination system where examinations are given online. either through the internet or intranet using computer system. The main goal of this online examination system is to effectively evaluate the student thoroughly through a totally automated system that not only reduce the required time but also obtain fast and accurate results.

QUIZ MANAGEMENT SYSTEM is an online test simulator is to take online examination, test in an efficient manner and no time wasting for manually checking of the test paper. The main objective of this web-based quiz management system is to efficiently evaluate the student thoroughly through a fully automated system that not only saves lot of time but also gives fast and accurate results. For students they give papers according to their convenience from any location by using internet and time and there is no need of using extra thing like paper, pen etc.

QUIZ MANAGEMENT SYSTEM is a web-based application that enables users to create and manage quizzes online. It provides a user-friendly interface for teachers to create and manage quizzes, questions, and answers. It also provides a powerful analytics module to track the performance of students and to analyse the data obtained from the quizzes. This system also allows users to share their quizzes.

QUIZ MANAGEMENT SYSTEM is a web-based application designed to help teachers manage quizzes. The system enables them to create, add, and view quizzes, record students' answers, and generate reports

CONTENTS

Chapter 1

INTRODUCTION

1.1 OVERVIEW

A quiz management system is a software application that allows users to create, administer and grade quizzes or exams for educational, training or assessment purposes. The system typically includes features like Quiz creation, Question bank, Automated grading, User management, Reporting and analytics, Security and data protection, Mobile compatibility, Customizable

1.2 PROBLEM STATEMENT

Designing the database which enables the Students & Teachers to register for the system. Students are allowed to take the online quiz and see their progress. Also, to enable the Teachers to add, delete, update the quiz Questions and also to keep track of the student's progress.

1.3 DATABASE MANAGEMENT SYSTEM

A database management system (DBMS) is system software for creating and managing databases. The DBMS provides users and programmers with a systematic way to create, retrieve, update and manage data. The DBMS essentially serves as an interface between the database and end users application programs, ensuring that data is consistently organized and remains easily accessible.

The DBMS manages three important things: the data, the database engine that allows data to be accessed, locked and modified, and the database schema, which defines the database's logical structure. These three foundational elements help to provide concurrency, security, data

integrity and uniform administration procedures. Typical database administration tasks supported by the DBMS include change management, performance monitoring/tuning and backup and recovery. Many database management systems are also responsible for automated rollbacks, restarts and recovery as well as the logging and auditing of activity.

1.4 SQL

SQL is a standard language for storing, manipulating and retrieving data in databases.

Originally based upon relational algebra and tuple relational calculus, SQL consists of a data definition language, data manipulation language, and data control language. The scope of SQL includes data insert, query, update and delete, schema creation and modification, and data access control.

SQL became a standard of the American National Standards Institute (ANSI) in 1986, and of the International Organization for Standardization (ISO) in 1987. Since then, the standard has been revised to include a larger set of features. Despite the existence of such standards, most SQL code is not completely portable among different database systems without adjustments.

1.5 HTML / CSS / JavaScript

HTML is a markup language used for structuring and presenting content on the web and the fifth and current major version of the HTML standard.

Web browsers receive HTML documents from a web server or from local storage and render the documents into multimedia web pages. HTML describes the structure of a web page semantically and originally included cues for the appearance of the document.

HTML5 includes detailed processing models to encourage more interoperable implementations; it extends, improves and rationalizes the markup available for documents, and introduces markup and application programming interfaces (APIs) for complex web applications.

Cascading Style Sheets (CSS) is a style sheet language used for describing the presentation of a document written in a markup language such as HTML or XML. CSS is a cornerstone technology of the World Wide Web, alongside HTML and JavaScript.

CSS is designed to enable the separation of content and presentation, including layout, colours, and fonts. This separation can improve content accessibility; provide more flexibility and control in the specification of presentation characteristics; enable multiple web pages to share formatting by specifying the relevant CSS in a separate .CSS file, which reduces complexity and repetition in the structural content; and enable the .css file to be cached to improve the page load speed between the pages that share the file and its formatting.

JavaScript often abbreviated as JS, is a high-level, interpreted programming language. It is a language which is also characterized as dynamic, weakly typed, prototype-based and multi-paradigm.

As of 2022, 98% of websites use JavaScript on the client side for webpage behavior, often incorporating third-party libraries. All major web browsers have a dedicated JavaScript engine to execute the code on users' devices.

Alongside HTML and CSS, JavaScript is one of the three core technologies of the World Wide Web. JavaScript enables interactive web pages and thus is an essential part of web applications. The vast majority of websites use it, and all major web browsers have a dedicated JavaScript engine to execute it.

Chapter 2

REQUIREMENTS SPECIFICATION

A computerized way of handling information about property and users' details is efficient, organized and time saving, compared to a manual way of doing so. This is done through a database driven web application whose requirements are mentioned in this section.

2.1 OVERALL DESCRIPTION

A reliable and scalable database driven web application with security features that is easy to use and maintain is the requisite.

2.2 SPECIFIC REQUIREMENTS

The specific requirements of the Quiz Management System are stated as follows:

2.2.1 SOFTWARE REQUIREMENTS

- IDE – Visual Studio Code v1.74.3
- Server deployment – WAMPP Server 3.3.0-64 bit
- Operating system
  - Windows 7 above
  - Database support - MySQL 8.0.31
- Web Browser
  - Firefox 50 or later
  - Google Chrome – 60 or later

2.2.2 HARDWARE REQUIREMENTS

- Processor – Intel core i3 or above
- RAM – 2 GB or more
- Hard disk – 1 GB or more
- Monitor – VGA of 1024x768 screen resolution
- Keyboard and Mouse

2.2.3 TECHNOLOGY

- HTML (Hypertext Markup Language) is a text-based approach to describing how content contained within an HTML file is structured. This markup tells a web browser how to display text, images and other forms of multimedia on a webpage. HTML is a formal recommendation by the World Wide Web Consortium (W3C) and is generally adhered to by all major web browsers, including both desktop and mobile web browsers. HTML5 is the latest version of the specification.

- Cascading Style Sheets (CSS) is a stylesheet language used to describe the presentation of a document written in HTML or XML (including XML dialects such as SVG, MathML or XHTML). CSS describes how elements should be rendered on screen, on paper, in speech, or on other media.

- JavaScript is a lightweight, interpreted programming language. It is designed for creating network-centric applications. It is complimentary to and integrated with Java. JavaScript is very easy to implement because it is integrated with HTML. It is open and cross-platform.

- PHP is a general-purpose scripting language geared toward web development. On a web server, the result of the interpreted and executed PHP code which may be any type of data, such as generated HTML or binary image data would form the whole or part of an HTTP response. Various web template systems, web content management systems, and web frameworks exist which can be employed to orchestrate or facilitate the generation of that response. PHP code can also be directly executed from the command line.

- SQL is the language used to manipulate relational databases. It is tied closely with the relational model. It is issued for the purpose of data definition and data manipulation.

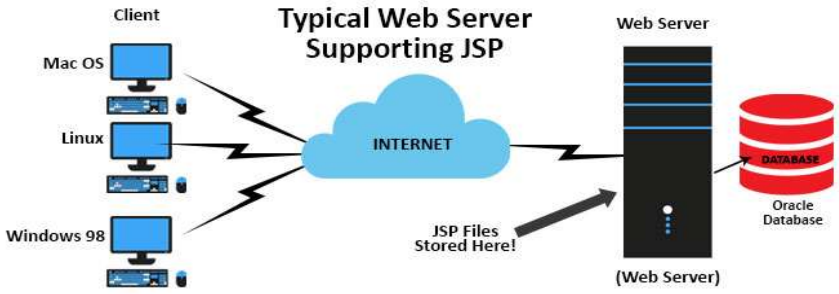
Chapter 3

DETAILED DESIGN

3.1 SYSTEM DESIGN

XAMPP is an abbreviation where X stands for Cross-Platform, A stands for Apache, M stands for MYSQL, and the P's stand for PHP and Perl, respectively. It is an open-source package of web solutions that includes Apache distribution for many servers and command-line executables along with modules such as Apache server, MariaDB, PHP, and Perl.

XAMPP helps a local host or server to test its website and clients via computers and laptops before releasing it to the main server. It is a platform that furnishes a suitable environment to test and verify the working of projects based on Apache, Perl, MySQL database, and PHP through the system of the host itself. Among these technologies, Perl is a programming language used for web development, PHP is a backend scripting language, and MariaDB is the most vividly used database developed by MySQL.



3.2 ENTITY RELATIONSHIP DIAGRAM

An entity–relationship model is usually the result of systematic analysis to define and describe what is important to processes in an area of a business.

An E-R model does not define the business processes; it only presents a business data schema in graphical form. It is usually drawn in a graphical form as boxes (entities) that are connected by lines (relationships) which express the associations and dependencies between entities.

Entities may be characterized not only by relationships, but also by additional properties (attributes), which include identifiers called "primary keys". Diagrams created to represent attributes as well as entities and relationships may be called entity-attribute-relationship diagrams, rather than entity-relationship models.

An ER model is typically implemented as a database. In a simple relational database implementation, each row of a table represents one instance of an entity type, and each field in a table represents an attribute type. In a relational database a relationship between entities is implemented by storing the primary key of one entity as a pointer or "foreign key" in the table of another entity.

There is a tradition for ER/data models to be built at two or three levels of abstraction. Note that the conceptual-logical-physical hierarchy below is used in other kinds of specification, and is different from the three-schema approach to software engineering. While useful for organizing data that can be represented by a relational structure, an entity-relationship diagram can't sufficiently represent semi-structured or unstructured data, and an ER Diagram is unlikely to be helpful on its own in integrating data into a pre-existing information system.

Cardinality notations define the attributes of the relationship between the entities. Cardinalities can denote that an entity is optional.

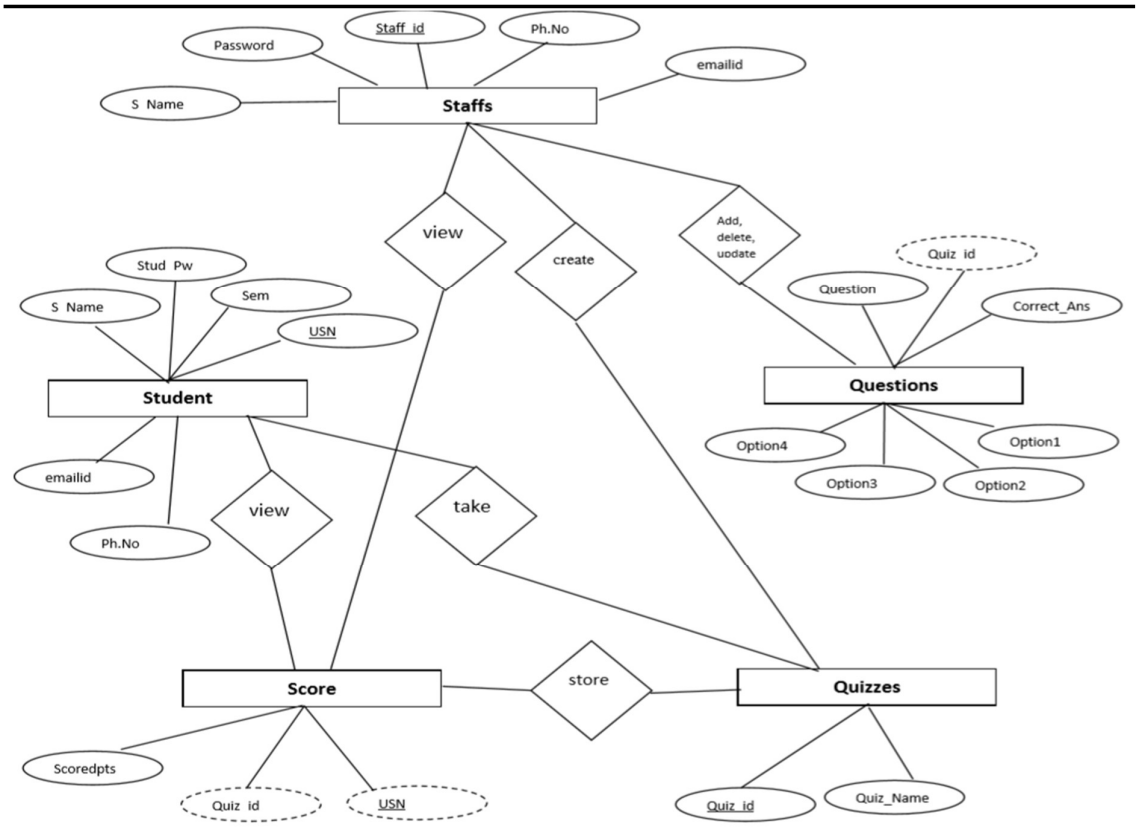


Fig. 3.2, ER diagram of Quiz management system

3.3 RELATIONAL SCHEMA

The term "schema" refers to the organization of data as a blueprint of how the database is constructed. The formal definition of a database schema is a set of formulas called integrity constraints imposed on a database. A relational schema shows references among fields in the database. When a primary key is referenced in another table in the database, it is called a foreign key. This is denoted by an arrow with the head pointing at the referenced key attribute. A schema diagram helps organize values in the database. The following diagram shows the schema diagram for the database.

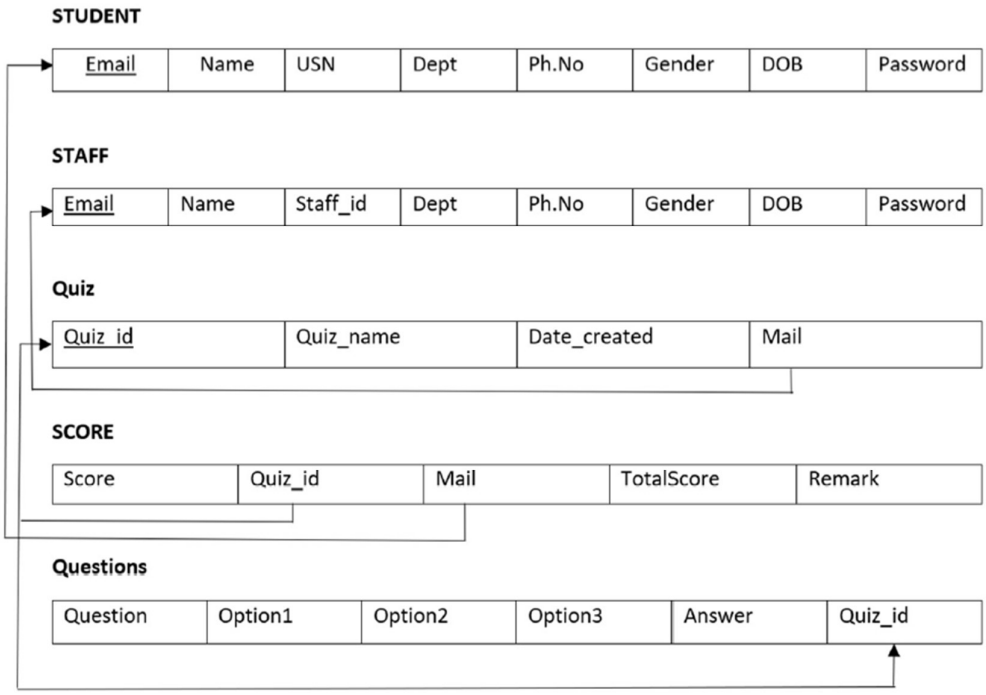


Fig. 3.3, Schema diagram for Quiz Management System

3.4 DESCRIPTION OF TABLES

The database consists of five tables:

1. Student Table: It consists of the details of the student
    - Email: Email ID of the student which is the Primary key
    - Name: Name of the student
    - USN: USN of the student
    - Dept: Name of the department
    - Ph.No: Phone number of the student
    - Gender: Gender of the student
    - DOB: Date of Birth of the student
    - Password: Password of the student to login to the system

2. Staff Table: It consists of the details of the staff
    - Email: Email-ID of the staff which is the primary key
    - Name: Name of the staff
    - Staff_id: An ID of the staff

- Dept: Name of the department
- Ph.No: Phone number of the staff
- Gender: gender of the staff
- DOB: Date of Birth of the staff
- Password: Password of staff to login to the system

3. Quiz Table: It consists of the details of the quiz
    - Quiz_id: Quiz id for the particular quiz which is the primary key
    - Quiz_Name: name for that particular quiz
    - Date_created: Date when the quiz was created
    - Mail: creator's mail id which is the foreign key
4. Score Table: It consists the score of the particular student
    - Score: marks scored by a particular student
    - Quiz_id: quiz id which is the foreign key
    - Mail: student's mail id which is the foreign key
    - Total_score: total score scored by the student
    - Remark: gives the remarks.
5. Questions table: It consists of the qustions
    - Questions: questions for the particular quiz
    - Option1: First option
    - Option2: second option
    - Option3: Third option
    - Answer: Answer for that particular question
    - Quiz_id: quid id which is the foreign key

Chapter 4

IMPLEMENTATION

4.1 MODULES AND THEIR ROLES

4.1.1 LOGIN

```
<?php session_start(); ?>
<html>
<head>
   <title>QUIZZY</title>
   <meta name="viewport" content="width=device-width, initial-scale=1.0">
         <link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
</head>
<?php
      if (isset($_POST['login'])) {
         if(isset($_POST['usertype'])&&isset($_POST['username']) && isset($_POST['pass']))
{
         require_once 'sql.php';
         $conn = mysqli_connect($servername, $username, $password, $dbname);
         if (!$conn) {
               echo "<script>alert(\"Database error retry after some time !\")</script>";
            }
            $type = mysqli_real_escape_string($conn, $_POST['usertype']);
            $username = mysqli_real_escape_string($conn, $_POST['username']);
            $password = mysqli_real_escape_string($conn, $_POST['pass']);
            $password = crypt($password, 'rakeshmariyaplarrakesh');
            $sql = "select * from " . $type . " where mail='{$username}'";
            $res =   mysqli_query($conn, $sql);
            if ($res == true) {
               global $dbmail, $dbpw;
               while ($row = mysqli_fetch_array($res)) {
                  $dbpw = $row['pw'];
                  $dbmail = $row['mail'];
                  $_SESSION["name"] = $row['name'];
                  $_SESSION["type"] = $type;
                  $_SESSION["username"] = $dbmail;
               }
               if ($dbpw === $password) {
                  if ($type === 'student') {
                     header("location:homestud.php");
                  } elseif ($type === 'staff') {
                     header("Location: homestaff.php");
                  }
               } elseif ($dbpw !== $password && $dbmail === $username) {
                  echo "<script>alert('password is wrong');</script>";
               } elseif ($dbpw !== $password && $dbmail !== $username) {
                  echo "<script>alert('username name not found sing up');</script>";}}}}?>
```

```
<style>
   @media screen and (max-width: 620px) {
      input {
         height: 6vw !important;
      }
      .seluser {
         display: grid;
      }
      .sub {
         width: 20vw !important;
      }
   }
   .inp {
      box-sizing: content-box !important;
      width: 30vw;
      height: 3vw;
      border-radius: 10px;
      border: 2px solid black;
      padding-left: 2vw;
      font-weight: bolder;
      outline: none;
   }
   ::placeholder {
      font-weight: bold;
      font-family: 'Roboto', sans-serif;
   }
   label {
      font-weight: bolder;
      font-size: 1.5vw;
   }
   form {
      font-size: 1.2vw;
      margin: 0;
   }
   button:hover {
      background-color: #fff! important;
   }
   .bg {
      background-size: 100%;
   }
   a {
      color: #042A38;
   }
         .login {
                  max-height: 70vh;
         }
</style>
<link rel="preconnect" href="https://fonts.googleapis.com">
<link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
```

```
<link href=https://fonts.googleapis.com/css2?family=Roboto&display=swap
rel="stylesheet">
<link rel="preconnect" href="https://fonts.googleapis.com">
<link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
<link href="https://fonts.googleapis.com/css2?family=Libre+Baskerville&display=swap"
rel="stylesheet">
<body style="margin:0;height: 100%;outline:none;color: #042A38 !important;padding-
bottom:5vw;">
  <div class="bg"style="font-weight:bolder;background-image:
url(./images/image.png);background-repeat: no-repeat;padding: 0;margin: 0;background-size:
cover;font-family: 'Roboto', sans-serif;opacity: 0.9;height: 110%;">
  <center>
 <h1 class="w3-container" style=" margin:0;color:#fff;height: 4rem;width: auto;background-
color:#000;border:2px solid black;opacity:0.7;padding-top:0%;font-family:'Libre
Baskerville', serif;">Quizzy</h1>
      </center>
      <center>
        <div class="w3-card" class="login" style="color: #042A38;width: 40vw;background-
color: #ffffffab;border: 2px solid black;padding: 2vw;font-weight: bolder;margin-top:
10vh;border-radius: 10px;">
          <form method="POST">
            <div class="seluser">
              <input type="radio" name="usertype" value="student" required>STUDENT
              <input type="radio" name="usertype" value="staff" required>STAFF
            </div><br><br>
            <div class="signin">
<label for="username" style="text-transform: uppercase;">Username</label><br><br>
<input type="email" name="username" placeholder=" Email" class="inp" required><br><br>
<label for="password" style="text-transform: uppercase;">Password</label><br><br>
<input type="password" name="pass" placeholder="******" class="inp" required><br><br>
<input name="login" class="sub" type="submit" value="Login" style="height: 3vw;width:
10vw;font-family:'Roboto', sans-serif ;font-weight: bolder;border-radius: 10px;border: 2px
solid black;background-color:lightblue"><br>
</form><br>
  New user! <a href="signup.php">SIGN UP</a>
 </div>
</div>
</center>
</div>
<footer class="footer" style= "background: black; opacity: 0.9; font-size: 1rem; height:
3.5rem;display:flex;">
<div class="footer_copyright" style=" text-align: center;position:absolute; margin-left:45rem;
color:white;" >
        <p style="padding-top: 0.01rem;">Copyright &copy; Quizzy 23</p>
       </div>
</footer>
</body>
</html>
```

4.1.2 STUDENT HOME PAGE

```
<html>
<head>
   <title>
      Quizzy
   </title>
   <meta name="viewport" content="width=device-width, initial-scale=1.0">
</head>
<?php
session_start();
require_once 'sql.php';
$conn = mysqli_connect($servername, $username, $password, $dbname);if (!$conn) {
   echo "<script>alert(\"Database error retry after some time !\")</script>";}
?>
<style>
   li {
      margin: 1.5vw;
      font-size: 1rem !important;
   }
   ul {
      list-style: none;
      width: auto !important;
      font-weight: 2vw !important;
   }
   .navbar {
      background-color: white !important;
      font-size: 1.5vw !important;
      position: fixed;
   }
   .navbar>ul>li:hover {
      color: #042A38;
      text-decoration: underline;
      font-weight: bold;
      cursor: default;
      cursor: pointer;

   }
   .navbar>ul>li>a:hover {
      color: #042A38;
      text-decoration: underline;
      font-weight: bold !important;
   }
      a {
         text-decoration: none;
         color: #fff;
      }
      .prof{
         top: 5vw;
         position: fixed;
```

```
    width: 35vw !important;
    height:15vw !important;
    margin-left: 34vw !important;
    margin-right: 20vw !important;
    background-color: #fff !important;
    border-radius: 10px;
    margin-top: 0.5rem;
    z-index: 1;
    padding: 1vw;
    padding-left: 1vw;
    display: grid;
    grid-template-columns: repeat(2, 1fr);
    gap: 10px;
}
img{
    width: 100%;
    display:block;
    object-fit: cover;
}
.container1{
    color: #042A38;
    font-size:15px;
    line-height: 0.3rem;
    grid-column:1;
}
.container2{
    width:6rem;
    height:6rem;
    border-radius: 50%;
    overflow: hidden;
    margin-left: 3rem;
    margin-top: 3.5rem;
    border: 0.1rem solid black;
    grid-column: 2;
}
#score{
    top: 3vw;
    position: fixed;
    width: 50vw !important;
    margin-left: 25vw !important;
    margin-right: 25vw !important;
    background-color: #fff!important;
    display: none !important;
    border-radius: 10px;
    margin-top: 2vw;
    z-index: 1;
    padding: 1vw;
    padding-left: 2vw;
    color: #042A38;
}
```

```
@media screen and (max-width: 450px) {
    .navbar {
        display: initial !important;
    }
    .navbar>ul {
        display: initial !important;
        left: 25vw !important;
        text-align: center;
        right: 25vw !important;
    }
    .navbar>ul>li {
        background-color: orange !important;
    }
section {
        text-align: center;
        margin-top: 0 !important;
        background-color: orange !important;
        width: 100vw;
        margin: 0 !important;
        }
p{
        color:#042A38 !important;
 }
table{
    width: 90vw;
    margin-left: 5vw;
    margin-right: 5vw;
    align-content: center;
    border: 1px solid black;
}
thead{
    font-weight:900;
    font-size: 1.5vw;
}
td{
    width: auto;
    border: 1px solid black;
    text-align: center;
    height: 4vw;
    font-weight: bold;
}
#tq{
    text-decoration: underline;
    border: 3px solid #fff;
    padding: 0.5vw;
    border-radius: 10px;
}
#sc{
    width: 100% !important;
```

```
        margin: 0%;
        color: #042A38;
            }
    #le{
         margin-bottom: 2vw;
        }
    .scoreboard{
        justify-content: center;
        font-size:  1.5rem;
        color: #042A38;
        padding-left: 35%;
    }
</style>
<link rel="preconnect" href="https://fonts.googleapis.com">
<link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
<link                    href="https://fonts.googleapis.com/css2?family=Roboto&display=swap"
rel="stylesheet">
<link rel="preconnect" href="https://fonts.googleapis.com">
<link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
<link       href="https://fonts.googleapis.com/css2?family=Libre+Baskerville&display=swap"
rel="stylesheet">
<body style="color: #fff !important;font-weight:bolder;margin: 0 !important;font-weight:
bolder !important;font-family: 'Roboto', sans-serif;">
    <div style="background-color: #042A38;height:auto;">
        <div                class="navbar"                style="display:                grid;width:
85%;height:3rem;color:#042A38;position:fixed;border-radius:10rem;margin-
top:1.5rem;margin-left:6.5rem;">
        <section style="margin-left: 3rem;height:3rem;display:grid;padding-top: 8px;padding-
bottom: 3px; font-size: 1.5rem;font-family: 'Libre Baskerville', serif;">Quizzy</section>
            <ul style="display: inline-flex;padding: 0 !important;margin-top: 0;float: right;right:
10rem;top:0.8rem;position: fixed;width: 50vw;">
                <li onclick="dash()">Dashbord</li>
                <li onclick="prof()">Profile</li>
                <li onclick="score()">Score</li>
                <li onclick="lo()">Sign Out</li>
            </ul>
        </div><br><br>
        <?php
        $type1 = $_SESSION["type"];
        $username1 = $_SESSION["username"];
        $sql = "select * from " . $type1 . " where mail='{$username1}'";
        $res =   mysqli_query($conn, $sql);
        if ($res == true) {
            global $dbmail, $dbpw;
            while ($row = mysqli_fetch_array($res)) {
                $dbmail = $row['mail'];
                $dbname = $row['name'];
                $dbusn = $row['usn'];
                $dbphno = $row['phno'];
                $dbgender = $row['gender'];
```

```
            $dbdob = $row['DOB'];
            $dbdept = $row['dept'];
        }
    }
    ?>
<center><section style="width:100vw;height:20rem;margin:0vw;margin-top:23rem;font-size:3vw;">Welcome to Quizzy <?php echo $dbname ?></section></center>
    <section style="color:#fff !important"><br><br><br><br><br>
    <?php
        $sql ="select * from quiz";
        $res=mysqli_query($conn,$sql);
        if($res)
        {
echo "<center><h1 style=\"font-size:2vw;\">Take any Quiz</h1></center>";
echo"<center><table><thead><tr><td>Quiz-Title</td><td>Created-on</td><td>Created By</td><td>  </td></tr></thead>";
while ($row = mysqli_fetch_assoc($res)) {
echo"<tr><td>".$row["quizname"]."</td><td>".$row["date_created"]."</td><td>".$row["mail"]."</td><td><aid=\"tq\"href='takeq.php?qid=".$row['quizid']."'>Take Quiz</button></tr>";
            }
            echo "</table></center>";
        }
        ?>
    </section>
    <section class="prof" id="prof" style="display: grid;color:#042A38;">
    <div class="container1">
            <p><b>Type of user : <?php echo $type1 ?></b></p>
            <p><b>Name  : <?php echo $dbname ?></b></p>
            <p><b>Email  : <?php echo $dbmail ?></b></p>
            <p><b>Ph no  : <?php echo $dbphno ?></b></p>
            <p><b>USN  : <?php echo $dbusn ?></b></p>
            <p><b>Gender  : <?php echo $dbgender ?></b></p>
            <p><b>DOB  : <?php echo $dbdob ?></b></p>
            <p><b>Dept  : <?php echo $dbdept ?></b></p>
    </div>
    <div class="container2">
        <img src=" images/user.png">
    </div>
    </section>
    <section id="score" style="display:block;">
    <?php
        $sql="select*from score, quiz where score. mail='{$username1}'and score. quizid=quiz.quizid";
        $res=mysqli_query($conn,$sql);
        if($res)
        {
            echo"<small class=\"scoreboard\">Scoreboard</small>";
            echo"<tableid=\"sc\"><thead><tr><td>Quiz-Title</td><td>Score Obtained</td><td>Total Score</td><td>Remarks</td></tr></thead>";
            while ($row = mysqli_fetch_assoc($res)) {
```

```
echo"<tr><td>".$row["quizname"]."</td><td>".$row["score"]."</td><td>".$row["totalscore"
]."</td><td>".$row["remark"]."</tr>";
}
echo "</table>";
}
else{
echo " ".mysqli_error($conn);
}
?><br><br><br>
</section>
<section style="color:#fff !important">
<?php
$sql="call leaderboard;";
$res=mysqli_query($conn,$sql);
if($res)
{
echo"<center><h1 style=\"font-size: 2vw\">Leaderboard</h1></center>";
echo"<tableid=\"le\"><thead><tr><td>QuizTitle</td><td>Score</td><td>TotalScore</td><t
d>Student name</td><td>Student Mail ID</td></tr></thead>";
while ($row = mysqli_fetch_assoc($res)) {
echo"<tr><td>".$row["quizname"]."</td><td>".$row["score"]."</td><td>".$row["totalscore"
]."</td><td>".$row["name"]."</td><td>".$row["mail"]."</td></tr>";
}
echo "</table><br><br><br>";
}
else{
echo mysqli_error($conn);
}
?>
</section>
</div>
<footer class="footer" style= "background: black; opacity: 0.9;  font-size: 1rem; height:
3.5rem;display:flex;">
      <div class="footer_copyright" style=" text-align: center;position:absolute; margin-
left:42rem; color:white;" >
          <p style="padding-top: 0.01rem;">Copyright &copy; Quizzy 23</p>
      </div>
   </footer>
</body>
<?php
echo '<script>'.
"function prof(){".
"document.getElementById(\"prof\").style=\"display: grid !important;\";".
"document.getElementById(\"score\").style=\"display: none !important;\";".
"}".
"function score(){".
"document.getElementById(\"prof\").style=\"display: none !important;\";".
"document.getElementById(\"score\").style=\"display: grid !important;\";".
"}".
"function dash(){".
```

```
"document.getElementById(\"prof\").style=\"display: none !important;\";".
"document.getElementById(\"score\").style=\"display: none !important;\";".
"}".
"function lo(){".
"alert(\"Thank You for Using our Quizzy\");";
//session_unset();
//session_destroy();
echo "window.location.replace(\"index.php\");"}
</script>";
?>
</html>
```

4.1.3 QUIZ PAGE

```
<html>
<head>
   <title>
      Quizzy
   </title>
   <meta name="viewport" content="width=device-width, initial-scale=1.0">
</head>
<?php
session_start();
error_reporting(E_ERROR | E_PARSE);
require_once 'sql.php';
$conn = mysqli_connect($servername, $username, $password, $dbname);if (!$conn) {
   echo "<script>alert(\"Database error retry after some time !\")</script>";
}
?>
<style>
   li {
      margin: 1.5vw;
      font-size: 1rem !important;
      font-weight: 2vw !important;
   }
   ul {
      list-style: none;
      width: auto !important;
   }
   .navbar {
      background-color:#fff !important;
      font-size: 1.5vw;
      position: fixed;
   }
   .navbar>ul>li:hover {
      color: #042A38;
      text-decoration: underline;
      font-weight: bold;
      cursor: default;
      cursor: pointer;
   }
```

```
.navbar>ul>li>a:hover {
    color: #042A38;
    text-decoration: underline;
    font-weight: bold !important;
}
a {
    text-decoration: none;
    color: #042A38;
}
.prof{
        top: 5vw;
        position: fixed;
        width: 35vw !important;
        height:15vw !important;
        margin-left: 34vw !important;
        margin-right: 20vw !important;
        background-color: #fff !important;
        border-radius: 10px;
        margin-top: 0.5rem;
        z-index: 1;
        padding: 1vw;
        padding-left: 1vw;
        display: grid;
        grid-template-columns: repeat(2, 1fr);
        gap: 10px;
    }
    img{
        width: 100%;
        display:block;
        object-fit: cover;
    }
    .container1{
        color: #042A38;
        font-size:15px;
        line-height: 0.3rem;
        grid-column:1;
    }
    .container2{
        width:6rem;
        height:6rem;
        border-radius: 50%;
        overflow: hidden;
        margin-left: 3rem;
        margin-top: 3.5rem;
        border: 0.1rem solid black;
        grid-column: 2;
    }
    #score{
        top: 3vw;
```

```
        position: fixed;
        width: 50vw !important;
        margin-left: 25vw !important;
        margin-right: 25vw !important;
        background-color: #fff!important;
        display: none !important;
        border-radius: 10px;
        margin-top: 2vw;
        z-index: 1;
        padding: 1vw;
        padding-left: 2vw;
        color: #042A38;
    }
    input{
        margin:1vw;
    }
  @media screen and (max-width: 450px) {
    .navbar {
        display: initial !important;
    }
    .navbar>ul {
        display: initial !important;
        left: 25vw !important;
        text-align: center;
        right: 25vw !important;
    }
    .navbar>ul>li {
        background-color: orange !important;
    }
    section {
        text-align: center;
        margin-top: 0 !important;
        background-color: orange !important;
        width: 100vw;
        margin: 0 !important;
    }
    p{
        color:#042A38 !important;
    }
  }
  #btn{
height: 3vw;width: 10vw;font-family: 'Roboto', sans-serif;font-weight:bolder;border-radius:
10px;border: 2px solid black;background-color: lightblue;
  }
  table{
    width: 90vw;
    margin-left: 5vw;
    margin-right: 5vw;
    align-content: center;
    border: 1px solid black;
```

```
    }
    thead{
        font-weight:900;
        font-size: 1.5vw;
    }
    td{
        width: auto;
        border: 1px solid black;
        text-align: center;
        height: 4vw;
        font-weight: bold;
    }
    #tq{
        text-decoration: underline;
    }
    #sc{
        width: 100% !important;
        margin: 0%;
        color: #042A38;
}
</style>
<link rel="preconnect" href="https://fonts.googleapis.com">
<link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
<linkhref="https://fonts.googleapis.com/css2?family=Roboto&display=swap"rel="stylesheet
">
<link rel="preconnect" href="https://fonts.googleapis.com">
<link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
<linkhref="https://fonts.googleapis.com/css2?family=Libre+Baskerville&display=swap"
rel="stylesheet">
<body style="margin: 0 !important;height:auto;font-weight: bolder !important;font-family:
'Roboto', sans-serif;color: #fff">
    <divstyle="background-color:#042A38;height:auto;">
<divclass="navbar"style="display:grid;width:85%;height:3rem;color:#042A38;position:fixed
;border-radius:10rem;margin-top:1.5rem;margin-left:6.5rem;font-weight:bolder;">
 <section style="margin-left: 3rem;height:3rem;display:grid;padding-top: 8px;padding-
bottom: 3px; font-size: 1.5rem;font-family: 'Libre Baskerville', serif;">Quizzy</section>
    <ul style="display: inline-flex;padding: 0 !important;margin-top: 0;float: right;right:
10rem;top:0.8rem;position: fixed;width: 50vw;">
            <li onclick="dash()">Dashbord</li>
            <li onclick="prof()">profile</li>
            <li onclick="score()">Score</li>
            <li onclick="lo()">Sign Out</li>
        </ul>
    </div><br><br>
    <?php
    $type1 = $_SESSION["type"];
    $username1 = $_SESSION["username"];
    $sql = "select * from " . $type1 . " where mail='{$username1}'";
    $res =   mysqli_query($conn, $sql);
    if ($res == true) {
```

```
        global $dbmail, $dbpw;
        while ($row = mysqli_fetch_array($res)) {
            $dbmail = $row['mail'];
            $dbname = $row['name'];
            $dbusn = $row['usn'];
            $dbphno = $row['phno'];
            $dbgender = $row['gender'];
            $dbdob = $row['DOB'];
            $dbdept = $row['dept'];
        }
    }
    ?>
    <section style="margin-top: 4vw;width:80vw;margin-left:10vw;margin-right:10vw;font-
size:1.2rem;">
    <?php
        if(isset($_GET["qid"])){
        $qid=$_GET["qid"];
        $sql ="select * from questions where quizid='{$qid}'";
        $res=mysqli_query($conn,$sql);
        if($res)
        {
            $count=mysqli_num_rows($res);
            if(mysqli_num_rows($res)==0)
            {
                echo "No questions found under this quiz please come later";
            }else{
            $i=1;
            $score = 0;
            $answers = array();
            echo "<form method='POST'>";
            while ($row = mysqli_fetch_assoc($res)) {
            echo $i.". ".$row["qs"]."<br>";
            $options = array($row["op1"], $row["op2"], $row["op3"]);
            shuffle($options);
            $answers[$i] = $row["answer"];
            for($j = 0; $j < 3; $j++) {
echo"<input type='radio' name='ans".$i."' value='".$options[$j]."'>".$options[$j]."<br>";
             }
            $i++;
            }
            echo "<input id='btn' type='submit' name='submit' value='submit'><br><br><br>";
            echo "</form><br><br>";
            }
        }
        else
        {
            echo "error".mysqli_error($conn).".";
        }
        if(isset($_POST["submit"])){
            for($i=1;$i<=$count;$i++)
```

```
            {
               if(isset($_POST["ans".$i]) && trim($_POST["ans".$i])==trim($answers[$i])){
               $score++;
               }
            }
echo "<script>alert(\"u scored ".$score." out of ".$count."\");</script>";
$sql="insert into score(score,mail,quizid,totalscore) values('$score','$dbmail','$qid','$count');";
$res=mysqli_query($conn,$sql);
if($res)
{
echo '<script>history.pushState({}, "", "");</script>';
echo "<script>window.location.replace(\"homestud.php\");</script>";
}else{
echo"<script>alert(\"erroroccurredupdatingscoreindatabase".mysqli_error($conn)."\");
</script>";
}
}
}
?>
</section>
<section class="prof" id="prof" style="display: none;color:#042A38;">
<div class="container1">
            <p><b>Type of User : <?php echo $type1 ?></b></p>
            <p><b>NAME : <?php echo $dbname ?></b></p>
            <p><b>EMAIL : <?php echo $dbmail ?></b></p>
            <p><b>Ph No. : <?php echo $dbphno ?></b></p>
            <p><b>USN : <?php echo $dbusn ?></b></p>
            <p><b>GENDER : <?php echo $dbgender ?></b></p>
            <p><b>DOB : <?php echo $dbdob ?></b></p>
            <p><b>Dept. : <?php echo $dbdept ?></b></p>
</div>
<div class="container2">
        <img src=" images/user.png">
</div>
</section>
<section id="score" style="display:none;">
<?php
$sql="select * from score,quiz where score.mail='{$username1}' and
score.quizid=quiz.quizid";
$res=mysqli_query($conn,$sql);
if($res)
{
echo "<h1>Scoreboard</h1>";
echo "<table id=\"sc\"><thead><tr><td>Quiz Title</td><td>Score Obtained</td><td>Total
Score</td></tr></thead>";
while ($row = mysqli_fetch_assoc($res)) {
echo"<tr><td>".$row["quizname"]."</td><td>".$row["score"]."</td><td>".$row["totalscore"
]."</td></tr>"; }
echo "</table>";}
else{
```

```
echo " ".mysqli_error($conn);}
?>
</section>
 </section>
</div>
<footer class="footer" style= "background: black; opacity: 0.9;  font-size: 1rem; height: 3.5rem;display:flex;">
<div class="footer_copyright" style=" text-align: center;position:absolute; margin-left:42rem; color:white;" >
          <p style="padding-top: 0.01rem;">Copyright &copy; Quizzy 23</p>
      </div>
   </footer>
</body>
<?php
echo '<script>'.
"function prof(){".
"document.getElementById(\"prof\").style=\"display: grid !important;\";".
"document.getElementById(\"score\").style=\"display: none !important;\";".
"}".
"function score(){".
"document.getElementById(\"prof\").style=\"display: none !important;\";".
"document.getElementById(\"score\").style=\"display: grid !important;\";".
"}".
"function dash(){".
   "document.getElementById(\"prof\").style=\"display: none !important;\";".
   "document.getElementById(\"score\").style=\"display: none !important;\";".
   "}".
"function lo(){".
"alert(\"Thank You for Using our Quizzy\");";
//session_unset();
//session_destroy();
echo "window.location.replace(\"index.php\");".
"}</script>";
?>
</html>
```

4.1.4 STAFF HOME PAGE

```
<html>
<head>
   <title>
      Quizzy
   </title>
   <meta name="viewport" content="width=device-width, initial-scale=1.0">
</head>
<?php
session_start();
require_once 'sql.php';
$conn = mysqli_connect($servername, $username, $password, $dbname);if (!$conn) {
echo "<script>alert(\"Database error retry after some time !\")</script>";
} else {
```

```
    $type1 = $_SESSION["type"];
    $username1 = $_SESSION["username"];
    $sql = "select * from " . $type1 . " where mail='{$username1}'";
    $res =   mysqli_query($conn, $sql);
    if ($res == true) {
        global $dbmail, $dbpw, $dbusn;
        while ($row = mysqli_fetch_array($res)) {
            $dbmail = $row['mail'];
            $dbname = $row['name'];
            $dbusn = $row['staffid'];
            $dbphno = $row['phno'];
            $dbgender = $row['gender'];
            $dbdob = $row['DOB'];
            $dbdept = $row['dept'];
        }
    }
    if (isset($_POST['submit'])) {
        $qname = strtolower($_POST['quizname']);
        $_SESSION["qname"]=$qname;
        $sql1 = "insert into quiz(quizname,mail) values('$qname','$username1')";
        $res1 = mysqli_query($conn, $sql1);
        if ($res1 == true) {
            $sql = "select quizid from quiz where quizname='" . $qname . "';";
            $res = mysqli_query($conn, $sql);
            if ($res == true) {
                header("location: addqs.php");
            } else {
                echo "<script>alert(\"some error occured\");</script>";
            }
        } else {
            echo "<script>alert(\"Already name exists\");</script>";
        }
    }
    if (isset($_POST['submit1'])) {
        $qid1 = strtolower($_POST['quizid']);
        $sql1 = "delete from quiz where quizid='{$qid1}'";
        $res1 = mysqli_query($conn, $sql1);
        if ($res1 == true) {
            echo "<script>alert(\"Quiz successfully deleted\");</script>";
        } else {
echo "<script>alert(\"Unknown error occured during deletion of quiz\");</script>";
        }
    }
    if (isset($_POST['submit2'])) {
        $qid1 =$_POST['quizid'];
        $sql1 = "select quizid from quiz where quizid='{$qid1}'";
        $res1 = mysqli_query($conn, $sql1);
        if ($res1 == true) {
            echo "<script>window.location.replace(\"viewq.php?qid=".$qid1."\");</script>";
        } else {
```

```
            echo "<script>alert(\"Unknown error occured during viweing of quiz\");</script>";
        }
    }
}
?>
<style>
    #main{
        min-height: 100% !important;
    }
    table{
        border: 1px solid black;
        width: 100% !important;
        font-weight: bolder;
        font-size: 2vw;
        color: #042A38;
    }
    td{
        border: 1px solid black;
        width: 20%;
        font-weight: bolder;
        font-size: 2vw;
    }
    li {
        margin: 1.5vw;
        font-size: 1rem !important;
    }
    ul {
        list-style: none;
        width: auto !important;
    }
    .navbar {
        background-color: #fff!important;
        font-size: 1.5vw;
        position: fixed;
        cursor: default;
        cursor: pointer;
    }
    .navbar>ul>li:hover {
        color: black;
        text-decoration: underline;
        font-weight: bold;
    }
    .navbar>ul>li>a:hover {
        color: black;
        text-decoration: underline;
        font-weight: bold !important;
    }
    a {
        text-decoration: none;
        color: #042A38;
```

```
}
.prof{
        top: 5vw;
        position: fixed;
        width: 35vw !important;
        height:15vw !important;
        margin-left: 34vw !important;
        margin-right: 20vw !important;
        background-color: #fff !important;
        border-radius: 10px;
        margin-top: 0.5rem;
        z-index: 1;
        padding: 1vw;
        padding-left: 1vw;
        display: grid;
        grid-template-columns: repeat(2, 1fr);
        gap: 10px;
    }
    img{
        width: 100%;
        display:block;
        object-fit: cover;
    }
    .container1{
        color: #042A38;
        font-size:15px;
        line-height: 0.3rem;
        grid-column:1;
    }
    .container2{
        width:6rem;
        height:6rem;
        border-radius: 50%;
        overflow: hidden;
        margin-left: 3rem;
        margin-top: 3.5rem;
        border: 0.1rem solid black;
        grid-column: 2;
    }
#score {
    top: 3vw;
    position: fixed;
    width: 50vw !important;
    margin-left: 25vw !important;
    margin-right: 25vw !important;
    background-color: #fff!important;
    display: none !important;
    border-radius: 10px;
    margin-top: 2vw;
    z-index: 1;
```

```
    padding: 1vw;
    padding-left: 2vw;
    color: #042A38;
}
button {
    height: 5vh;
    width: 10vw;
    background-color: lightgoldenrodyellow;
    color: black;
    outline: none;
    border: none;
    border-radius: 10px;
    margin: 1vw;
}
input {
    width: 30vw;
    height: 3vw;
    border-radius: 10px;
    border: 2px solid black;
    padding-left: 2vw;
    font-weight: bolder;
    outline: none;
}
::placeholder {
    font-weight: bold;
    font-family: 'Roboto', sans-serif;
}
label {
    font-weight: bolder;
}
button:hover {
    background-color: blueviolet !important;
}
.bg {
    background-size: 100%;
}
@media screen and (max-width: 450px) {
    .navbar {
        display: initial !important;
    }

    .navbar>ul {
        display: initial !important;
        left: 25vw !important;
        text-align: center;
        right: 25vw !important;
    }
    .navbar>ul>li {
        background-color: orange !important;
    }
```

```
    section {
        text-align: center;
        margin-top: 0 !important;
        background-color: orange !important;
        width: 100vw;
        margin: 0 !important;
    }
    p {
        color: #042A38 !important;
    }
}
table{
    width: 90vw;
    margin-left: 5vw;
    margin-right: 5vw;
    align-content: center;
    border: 1px solid black;
}
thead{
    font-weight:900;
    font-size: 1.5vw;
}
td{
    width: auto;
    border: 1px solid black;
    text-align: center;
    height: 4vw;
    font-weight: bold;
}
#tq{
    text-decoration: underline;
}
#sc{
    width: 100% !important;
    margin: 0%;
    color: #042A38;
        }
        #le{
            width: 90vw;
            margin: 0;
            color: #fff;
        }
#delq,#addq{
    width: 90vw;
    margin-left: 5vw;
    margin-right: 5vw;
    justify-content: center;
}
form{
    display: contents;
```

```
   }
</style>
<link rel="preconnect" href="https://fonts.googleapis.com">
<link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
<linkhref="https://fonts.googleapis.com/css2?family=Roboto&display=swap"
rel="stylesheet">
<link rel="preconnect" href="https://fonts.googleapis.com">
<link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
<linkhref="https://fonts.googleapis.com/css2?family=Libre+Baskerville&display=swap"
rel="stylesheet">
<body style="margin: 0 !important;font-weight: bolder !important;font-family:'Roboto', sans-
serif;height:auto;color:#fff">
   <div id="main" style="background-color: #042A38;height: auto;color:#fff !important">
<divclass="navbar"style="display:grid;width:85%;height:3rem;color:#042A38;position:fixed
;border-radius:10rem;margin-top:1.5rem;margin-left:6.5rem;">
   <section style="margin-left: 3rem;height:3rem;display:grid;padding-top: 8px;padding-
bottom: 3px; font-size: 1.5rem;font-family: 'Libre Baskerville', serif;">Quizzy</section>
<ul     style="display: inline-flex;padding: 0 !important;margin-top: 0;float: right;right:
10rem;top:0.8rem;position: fixed;width: 50vw;">
            <li onclick="dash()">Dashbord</li>
            <li onclick="prof()">profile</li>
            <li onclick="score()">Quiz's</li>
            <li onclick="lo()">Sign Out</li>
         </ul>
      </div><br><br>
<center><sectionstyle="width:100vw;margin:0vw;margin-top:4vw;fontsize:2vw;">Welcome
to Quizzy 
<?php
echo $dbname ?></section></center>
<section class="dash" style="margin: 5vw;width: 90vw;">
<center><h1 style="font-weight:bolder;font-size:3vw">Dashbord</h1></center>
<center>  <button onclick="addquiz()">Add Quiz</button>                <button
onclick="delquiz()">Delete Quiz</button>                <button onclick="viewq()">View
Quiz</button></center>
<center>
<section id="addq" style="display:none;">
<form style="width: 30vw" method="post">
<h1>Add quiz</h1>
<label for="quizname">Quiz name</label>
<input type="text" name="quizname" placeholder="enter quiz name" required><br><br>
<input type="submit" name="submit" value="submit" style="height: 3vw;width: 10vw;font-
family: 'Roboto', sans-serif;font-weight: bolder;border-radius: 10px;border: 2px solid
black;background-color: lightblue;">
            </form>
         </section>  </center><center>
         <section id="delq" style="display:none;">
            <form style="margin: 1vw;width: 30vw" method="post">
                  <h1>Delete Quiz</h1>
<label for="quizid">Quiz Id</label>
```

```
<input type="number" name="quizid" placeholder="enter quiz id" required><h7 onclick="score()" style="padding:0;color: #fff;font-size:1vw;text-decoration:underline">get Quiz ID</h7><br><br>
<input type="submit" name="submit1" value="submit" style="height: 3vw;width: 10vw;font-family: 'Roboto', sans-serif;font-weight: bolder;border-radius: 10px;border: 2px solid black;background-color: lightblue;">
            </form>
        </section></center>
        <center>
<section id="viewq" style="display:none;">
<form style="margin: 1vw;width: 30vw" method="post">
<h1>View Quiz</h1>
<label for="quizid">Quiz Id</label>
<input type="number" name="quizid" placeholder="enter quiz id" required><h7 onclick="score()" style="padding:0;color: #fff;font-size:1vw;text-decoration:underline">get Quiz ID</h7><br><br>
<input type="submit" name="submit2" value="submit" style="height: 3vw;width: 10vw;font-family: 'Roboto', sans-serif;font-weight: bolder;border-radius: 10px;border: 2px solid black;background-color: lightblue;">
</form>
</section></center>
<!-- <section id="ans" style="display: none;">
        <form style="margin: 5vw;width: 30vw" method="post">
            <center>
                <label for="quizname">Questions</label><br><br>
                <div id="QS">
<input type="text" name="qs" placeholder="enter question " required><br><br>
                <input type="text" name="op1" placeholder="option1" required><br><br>
                <input type="text" name="op2" placeholder="option2" required><br><br>
                <input type="text" name="op3" placeholder="option3" required><br><br>
                <input type="text" name="ans" placeholder="answer" required><br><br>
                </div>
<input type="submit" name="submit" value="submit" style="height: 3vw;width: 10vw;font-family: 'Courier New', Courier, monospace;font-weight: bolder;border-radius: 10px;border: 2px solid black;background-color: lightblue;">
            </center>
        </form>
    </section> -->
</section>
<section class="prof" id="prof" style="display: none;color:#042A38;">
<div class="container1">
    <p><b>Type of User : <?php echo $type1 ?></b></p>
    <p><b>NAME : <?php echo $dbname ?></b></p>
    <p><b>EMAIL : <?php echo $dbmail ?></b></p>
    <p><b>Ph No. : <?php echo $dbphno ?></b></p>
    <p><b>STAFF ID. : <?php echo $dbusn ?></b></p>
    <p><b>GENDER : <?php echo $dbgender ?></b></p>
    <p><b>DOB : <?php echo $dbdob ?></b></p>
    <p><b>Dept. : <?php echo $dbdept ?></b></p>
</div>
```

```
      <div class="container2">
         <img src=" images/user.png">
      </div>
      </section>
      <section id="score" style="display:none;">
         <?php
         $sql ="select * from quiz where mail='{$username1}'";
         $res=mysqli_query($conn,$sql);
         if($res)
         {
echo "<h1>List of Quiz added by U</h1>";
echo "<table id=\"sc\"><thead><tr><td>Quiz id</td> <td>Quiz Title</td><td>Created on</td></tr></thead>";
while ($row = mysqli_fetch_assoc($res)) {
echo"<tr><td>".$row["quizid"]."</td><td>".$row["quizname"]."</td><td>".$row["date_created"]."</td></tr>"; }
echo "</table>";}
?>
</section>
<section style="color:#fff !important">
<?php
$sql="select quizname,s.name,score,totalscore from student s,staff st,score sc,quiz q where q.quizid=sc.quizid and s.mail=sc.mail and q.mail=st.mail and q.mail='{$username1}' ORDER BY score DESC";
$res=mysqli_query($conn,$sql);
if($res)
{
echo "<center><h1 style=\"font-size: 3vw\">Leaderboard</h1></center>";
echo "<table id=\"le\"><thead><tr><td>Quiz Title</td> <td>Student name</td><td>score obtained</td><td>Max Score</td></tr></thead>";
while ($row = mysqli_fetch_assoc($res)) {
echo"<tr><td>".$row["quizname"]."</td><td>".$row["name"]."</td><td>".$row["score"]."</td><td>".$row["totalscore"]."</td></tr>"; }
echo "</table><br><br>";}
else{echo mysqli_error($conn);}
?>
</section>
</div>
<footer class="footer" style= "background: black; opacity: 0.9; font-size: 1rem; height: 3.5rem;display:flex;">
<div class="footer_copyright" style=" text-align: center;position:absolute; margin-left:42rem; color:white;" >
         <p style="padding-top: 0.01rem;">Copyright &copy; Quizzy 23</p>
      </div>
   </footer>
</body>
<?php
echo '<script>' .
   "function prof(){" .
   "document.getElementById(\"prof\").style=\"display: grid !important;\";" .
```

```
   "document.getElementById(\"score\").style=\"display: none !important;\";" .
   "}" .
   "function score(){" .
   "document.getElementById(\"prof\").style=\"display: none !important;\";" .
   "document.getElementById(\"score\").style=\"display: grid!important;\";" .
   "}" .
   "function dash(){" .
   "document.getElementById(\"prof\").style=\"display: none !important;\";" .
   "document.getElementById(\"score\").style=\"display: none !important;\";" .
   "}" .
   "function lo(){" .
   "alert(\"Thank You for Using our Quizzy\");";
   //session_unset();
//session_destroy();
echo "window.location.replace(\"index.php\");" .
   "}" .
   "function addquiz(){" .
   "document.getElementById(\"addq\").style=\"display: initial;\";" .
   "document.getElementById(\"delq\").style=\"display: none;\";" .
   "document.getElementById(\"viewq\").style=\"display: none;\";" .
   "}" .
   "function delquiz(){" .
      "document.getElementById(\"delq\").style=\"display: initial;\";" .
      "document.getElementById(\"addq\").style=\"display: none;\";" .
      "document.getElementById(\"viewq\").style=\"display: none;\";" .
      "}" .
      "function viewq(){" .
         "document.getElementById(\"viewq\").style=\"display: initial;\";" .
         "document.getElementById(\"delq\").style=\"display: none;\";" .
         "document.getElementById(\"addq\").style=\"display: none;\";" .
         "}" .
   "</script>";
?>
</html>
```

4.2 RESULT

This resulting system,

- Allows both staff and student to login, where all the records will be safely saved to the database.
- Allows the Student to log in to the system to view all the quizzes.
- Allows the Staff to log in to the system, where the staff can add/remove quizzes.
- It also allows the staff to add extra questions to an existing quiz.
- It allows the staff to see the scoreboard of the quiz which is added by him/her, and also allows the student to see the score of the quiz which he/she has attended

Chapter 5

TESTING

5.1 SOFTWARE TESTING

Testing is the process used to help identify correctness, completeness, security and quality of developed software. This includes executing a program with the intent of finding errors. It is important to distinguish between faults and failures. Software testing can provide objective, independent information about the quality of software and risk of its failure to users or sponsors. It can be conducted as soon as executable software (even if partially complete) exists. Most testing occurs after system requirements have been defined and then implemented in testable programs.

5.2 MODULE TESTING AND INTEGRATION

Module testing is a process of testing the individual subprograms, subroutines, classes, or procedures in a program. Instead of testing whole software program at once, module testing recommends testing the smaller building blocks of the program. It is largely white box oriented. The objective of doing Module testing is not to demonstrate proper functioning of the module but to demonstrate the presence of an error in the module. Module testing allows implementing of parallelism into the testing process by giving the opportunity to test multiple modules simultaneously.

The final integrated system too has been tested for various test cases such as duplicate entries and type mismatch.

5.3 LIMITATIONS

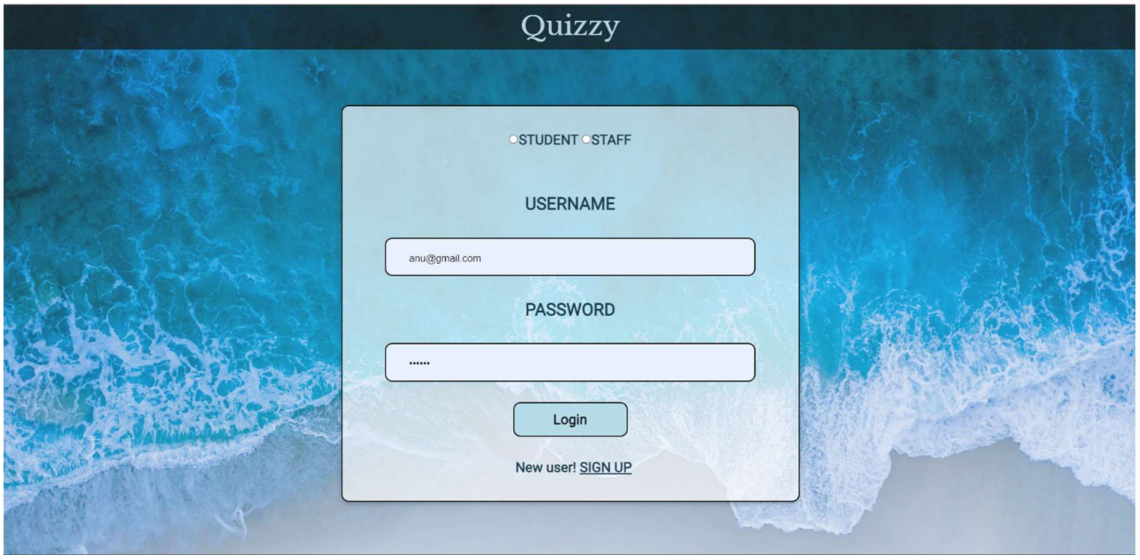
- Implementing the timer for the quiz.
- Sending mails on sign up and when student takes the quiz.
- Supporting all type of questions including MCQ's.
- Including Programming Question where user can compile or interpret on site only.

Chapter 6

SNAPSHOTS

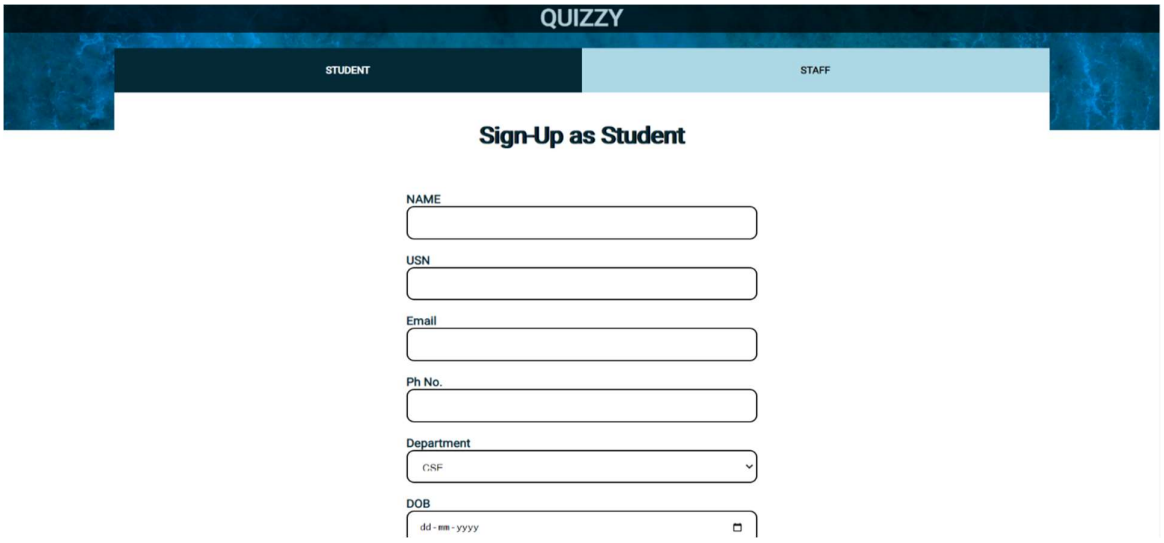
This chapter consists of working screenshots of the project.

6.1 LOGIN PAGE



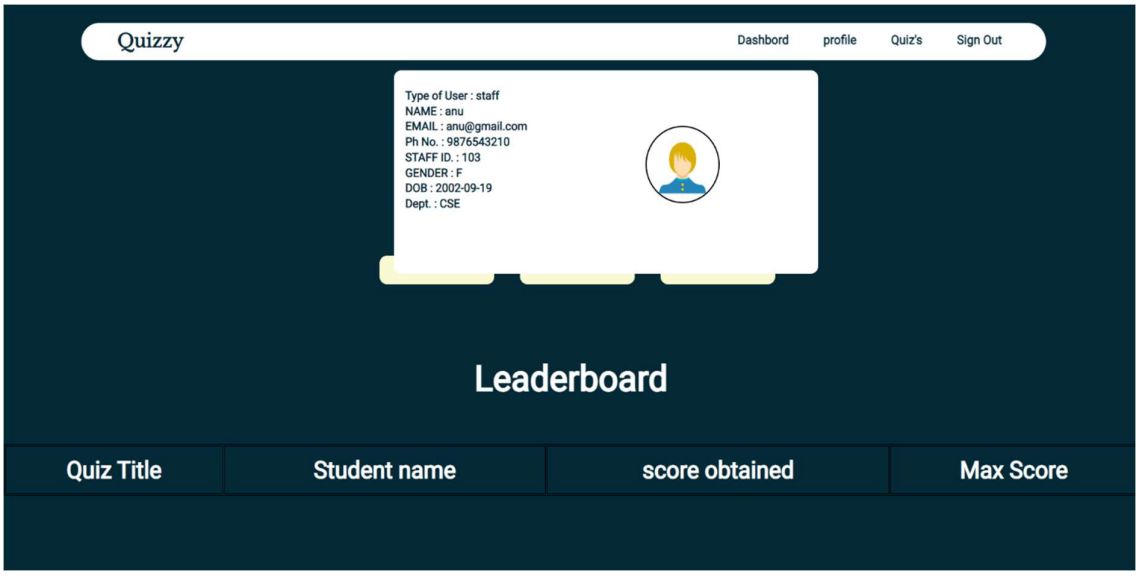
This is the login page for the existing users and is the first page shown to any user .

6.2.1 SIGNUP PAGE



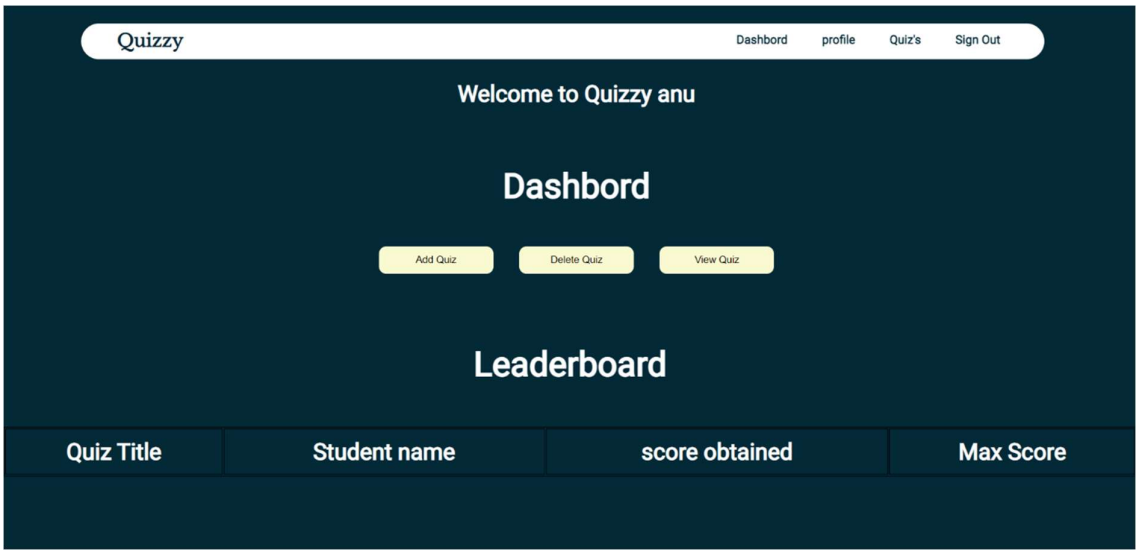
This is the signup page for the new users, both students and staff.

6.2. PROFILE VIEW OF STAFF



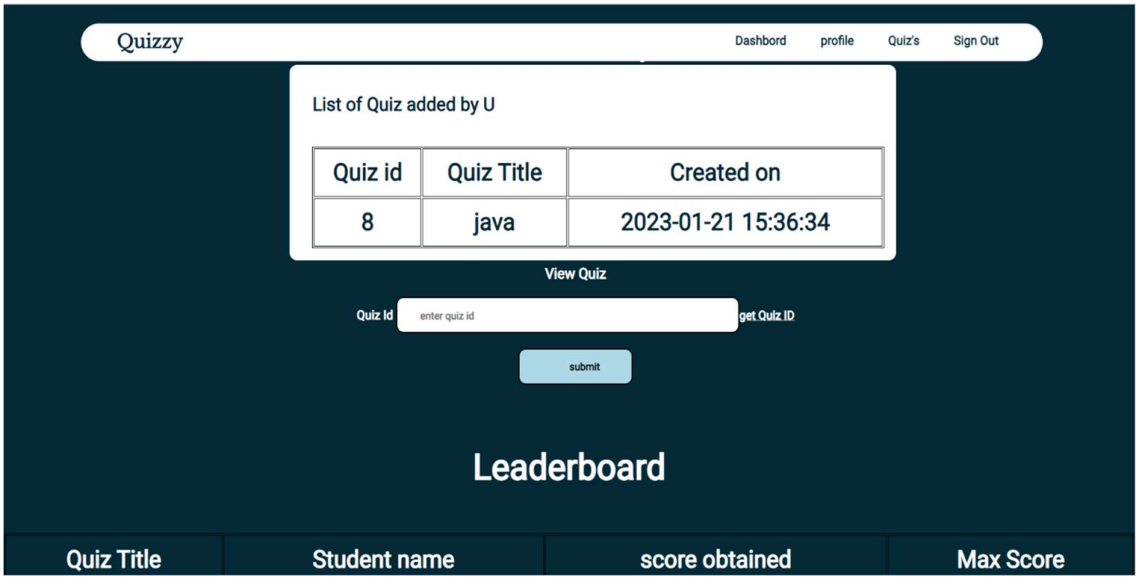
This shows the staff details.

6.2.3 DASHBOARD FOR STAFF



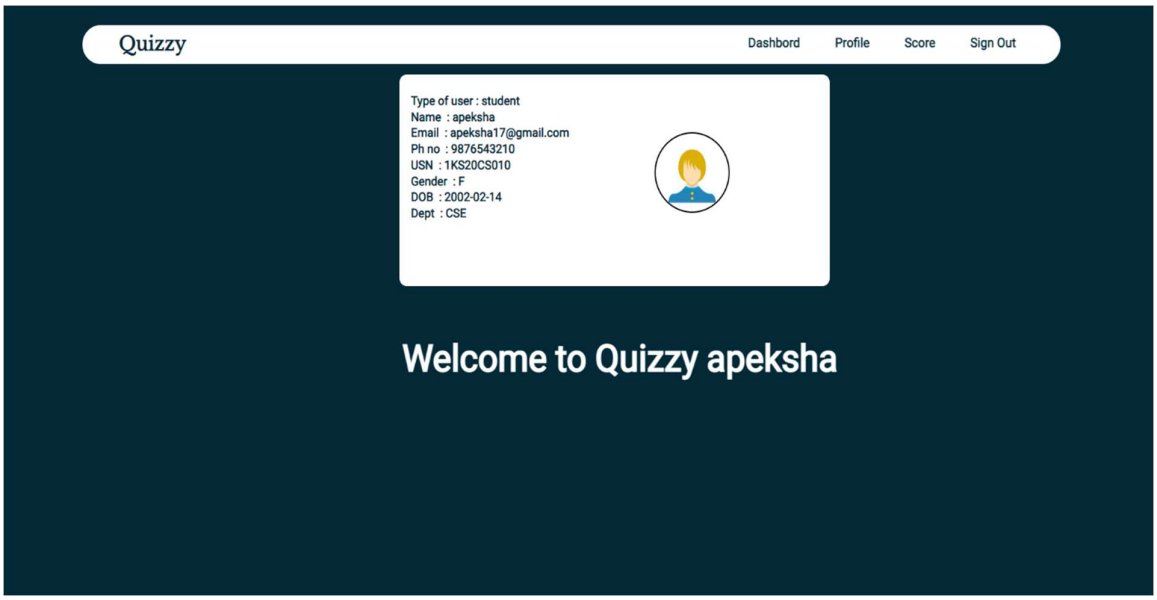
This is dashboard for staff where the staff can add/delete/view the quiz.

6.2.2 QUIZ ADDED BY THE STAFF



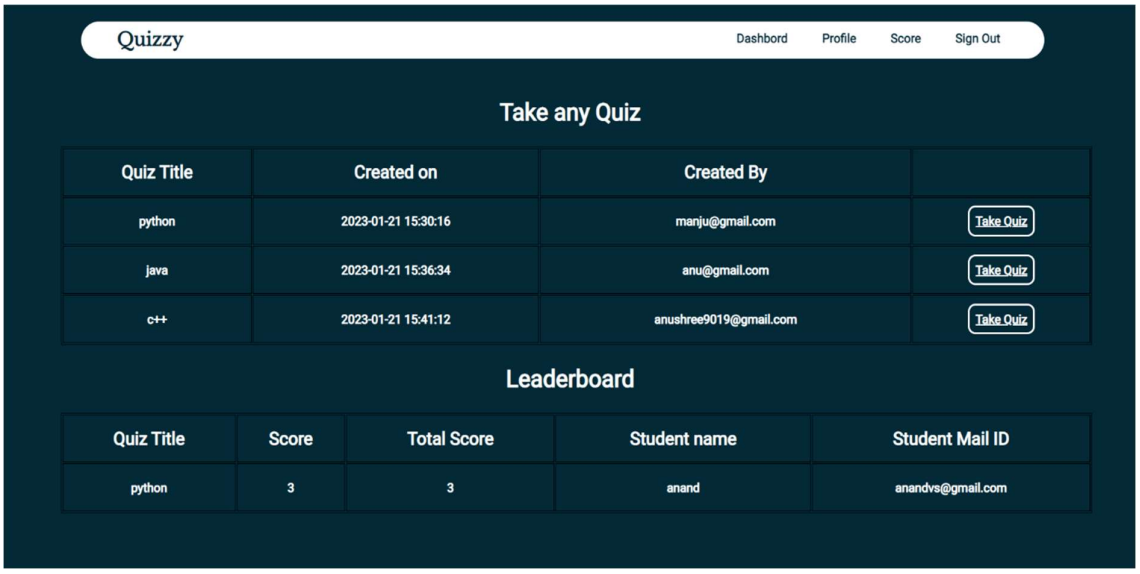
This is shows when the quiz was created by the staff.

6.2.2 STUDENT PROFILE



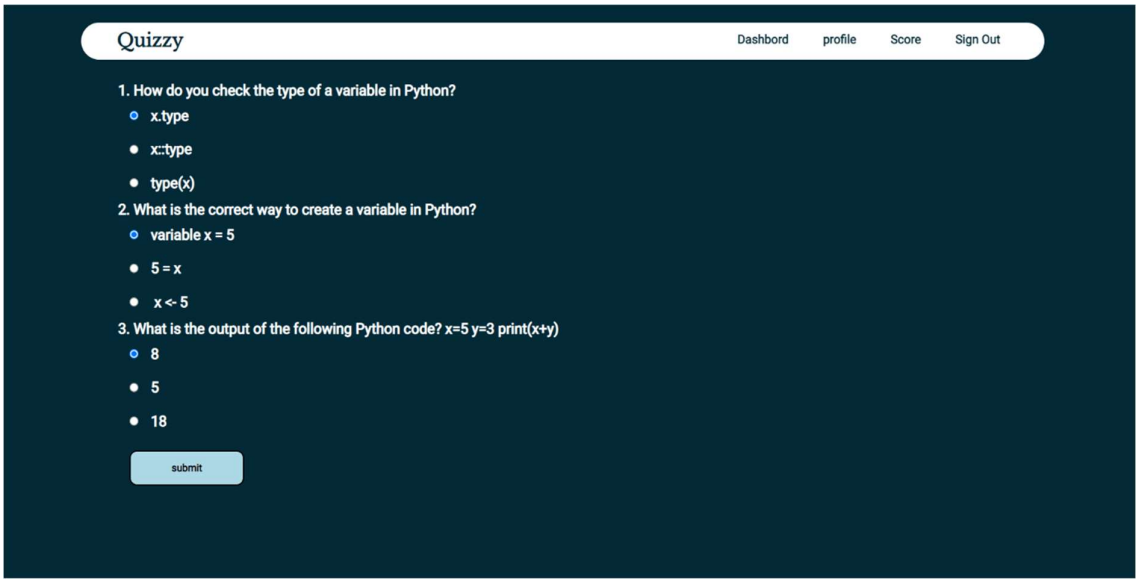
This shows the student details.

6.2.2 DASHBOARD FOR STUDENTS



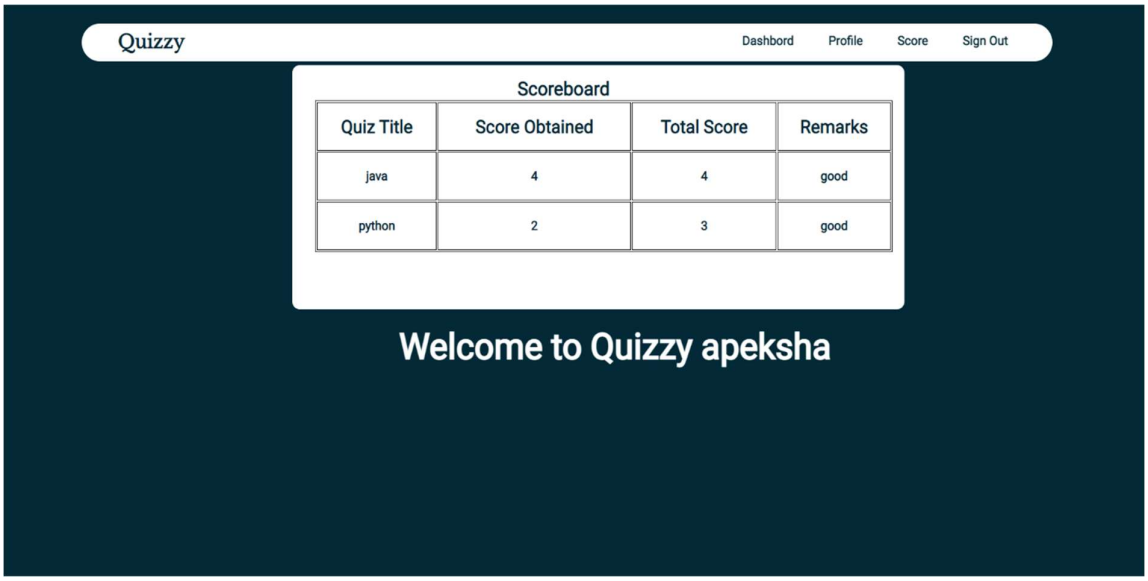
This is dashboard for students where the students can take quiz.

6.2.2 QUIZ PAGE



This page shows that the student is taking quiz.

6.3 SCOREBOARD



This page shows the score of the student.

CONCLUSION

The Quiz management system provides better functionality for an examination to be more efficient and reduce manual paperwork in order to automate all possible tasks. For implementing this system, PHP, HTML, CSS, JavaScript and MySQL are used.

The system comprises of following features:

- Management of quiz.
- Automated grading.
- Adding/deleting quizzes and questions.

FUTURE ENHANCEMENTS

Future upgrades to this project will implement:

- Implementing the timer for the quiz.
- Sending mails on sign up and when student takes the quiz.
- Supporting all type of questions including MCQ's.
- Including Programming Question where user can compile or interpret on site only.

REFERENCES

[1] Database System Models, Languages, Ramez Elmasri and Sham Kant B. Navathe, 7th Edition, 2017 Pearson.

[2] Fundamentals of Web Development, Randy Connolly and Ricardo Hoar ,First Impression, 2016 Pearson

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[4] www.google.com

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[7] www.youtube.com