A PROJECT REPORT

As partial requirement for the degree of

Bachelor Of Computer Application

ON

ONLINE ASSIGNMENT SYSTEM

Group No: 9

SUBMITTED BY :   **University Exam No.**

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UNDER GUIDANCE OF

Prof.MANISH DODIYA

COMPUTER SCIENCE DEPARTMENT,

Dolat-Usha Institute Of Applied Sciences And Dhiru-Sarla Institute   of Management & Commerce, Valsad

Affiliated with

Veer Narmad South Gujarat University, Surat

* 2022-2023 *

DOLAT-USHA INSTITUTE OF APPLIED SCIENCES AND DHIRU-SARLA INSTITUTE OF MANAGEMENT & COMMERCE, VALSAD.

Computer Department

CERTIFICATE

This is to certify that the project work is satisfactorily carried out on **ONLINE ASSIGNMENT SYSTEM** is a work done by **Mr. CHINTAN PATEL** and **Mr. PARIN PATEL** in partial fulfillment of the requirement for the award of the degree of bachelor of computer applications during the academic year 2022 -2023 .

I appreciate their hard work, honesty and discipline during the training for concerned projects in our organization. The project work was carried out under our supervision and guidance of internal guides.

_____   _____

Dr. Snehal Joshi   Dr. Snehal Joshi

Head of Department   Principal

_____

Project Internal Guide

Project Certified   Date : _____

At T.Y.B.Sc. (CS) Examination

Examiners:

1. _____

2. _____

<u>Acknowledgement</u>

INTRODUCTION

Assignment management is one of the fundamental activities in education. In traditional assignment management schemes, assignments are recorded on paper, floppy disks, and emails. They have to be delivered or organized manually. This is inconvenient and inefficient, and may cause many problems due to material limits and human errors, such as disordered printouts (without page numbers), damaged floppy disks, etc. Furthermore, instructors and students usually are unaware of the ongoing academic information, which can be used to help them find out problems and improve their teaching and learning qualities. Therefore, it becomes important to implement an assignment management method, which can provide both instructors and students with quality educational services.

To solve these problems we have tried to develop a web-based systems. In this systems, users can handle their management in an extremely convenient way: they can access the systems from anywhere at any time; get responses immediately; make use of countless online resources and share their own with others. More importantly, they do not need to worry about the operating systems and different application software on either server or client side. All they need to have is a browser and the ability to get online. Presently, many assignment-managementrelated systems can be found easily on the Internet.

AIM AND OBJECTIVE

Aim:

To develop a web application for college that handles the assignments and assignment related information including checked by professor through the system and provides marks for each assignments. The purpose of the project is to build a system to reduce the manual work for managing the assignment.

Objectives:

1. Teacher Module:

   a) Teacher can create assignment and add questions.

   b) Teacher can grade assignments.

   c) Teacher can set submission time limit (Last Date).

   d) Teacher can view Submitted Assignments.

2. Student Module:

   a) Students can create account in the system.

   b) Students can see pending assignments and submitted assignments.

   c) Students can submit assignment.

   d) Student can see their grades.

FEASIBILITY STUDY

It is necessary and prudent to evaluate the feasibility of a project at the earliest possible time. There may be different ways of checking whether a system is feasible or not. The following feasibility studies were performed to gauge the feasibility of the system.

➤ **OPERATIONAL FEASIBILITY**

In this test, the operational scope of the system is checked. The system under consideration should have enough operational reach. It is observed that the proposed system is very user friendly and since the system is built with enough help, even persons with little knowledge of websites can find the system very easy.

➤ **TECHNICAL FEASIBILITY**

This test includes a study of function, performance and constraints that may affect the ability to achieve an acceptable system. This test begins with an assessment of the technical viability of the proposed system. The management provides latest hardware and software facilities for the successful use of the system. With these latest hardware and software support the system will perform extremely well. The system is available through Internet.

➤ **ECONOMIC FEASIBILITY**

The development cost of the system is evaluated weighing it against the ultimate benefit derived from the new system. It is found that the benefit, from the new system would be more than the cost and time involved in its development. Intangible cost and benefits:-

• Easy to use, simple and user friendly

• Less usage of papers

• Save allowance for losing and buying tools and equipment.

REQUIREMENTS GATHERING AND ANALYSIS

- We set our first set of context-free questions that focuses on the users' requirements, overall project goals and benefits. The questions are:

1. How long will the project timeline be?

2. Who will be using the project outcomes?

3. Who will make the decision about the project?

4. Who will provide the resources to fulfil the project?

5. Whose work will affect the project?

These questions helped us to identify the measurable benefit of the successful implementation and possible alternatives to develop the application.

- We finalized the following requirements for the system by categorizing and prioritizing the requirements:

1. Web-based application for user.

2. Accessible via the internet.

3. Allow user to login, manage the system and logout.

4. Maintain a database for the service.

1.   System Environment

➢   **HARDWARE ENVIRONMENT:**

▪   **Processor :** AMD Ryzen 3 3250U with Radeon Graphics

2.60 GHz

▪   **Hard Disk :** 1.5 TB

▪   **RAM   :** 8 GB

➢   **SOFTWARE ENVIRONMENT:**

▪   Laravel PHP framework & mysql

▪   Windows 10

2.   Platform Environment

3.1 Front End Used : Php

3.2 Back End Used: mysql

3. SYSTEM STUDY

The proposed system is implemented to replace the manual system involving a lot of paperwork.

➤ **Existing system:** The existing system is more prone to human error in terms of assigning mistake. The paper-based system is more prone to human error with data throughout the manual system. Often information isincomplete, or does not follow management standards. Records are often lost in transit requiring a comprehensive auditing process to ensure that no vital information is lost. Also, there is the probability of calculation errors during adding and selling medicine process.

➤ **Proposed system**: The Assignment Submission System is designed to replace the existing manual paper-based system. The new system is to control the following information:records of items,item add, item update, item delete, table details, orders details and generate receipts etc. These services are to be provided in an efficient, effective manner, with the goal of reducing the time and resources currently requiredfor such tasks. The proposed system is fully responsive so the user is able to use it in any devices such as laptops or mobile.

4. MODULE DESCRIPTION

Thissystem has two module teacher and student so after the student logs in, the user will find a dashboard that includes: a side menu bar mentioned with 'Dashboard', Profile, 'Assignments', 'Submitted Assignments'. Also, in the side-bar user will find a Logout options.

After the teacher logs in, the user will find a dashboardsthat includes: a side menu bar mentioned with 'Dashboard', Profile, 'Assignments', 'Create Assignment'. Also in the side-bar user will find a Logout options.

4.1 Student Module:

A student module for an assignment submission system is an important tool for tracking and managing student assignments and progress. It allows students to see their assignments, submit their work, and view feedback and grades. One of the key features of a student module is the ability to view upcoming assignments and deadlines.

Another important feature is the ability to submit assignments and check the status of their submissions.

The student module may also include a feature for viewing past submissions and grades. They can also use this feature to review their work and feedback, which can be helpful for studying and preparing for exams.

➤ **Login:** The 'Login' facility is added for student authentication purpose. It helps to verify the credentials of an authorized user.

➤ **Profile:** Here students can view their own details and can edit them if required.

➤ **Dashboard:** This is the first layout the user interacts with after his/her login is completed. This page contains all the assignments which have submission time.

➤ **View Question:** In this feature user can see all the questions that an assignment has and also answer the questions and submit them from there.

➤ **Submitted Assignment:** Here Student can see his submitted assignments and the marks he has got.

➤ **Logout:** On clicking this button the user who is currently logged in will be removed from the current login session and will be redirected to the login page.

4.2 Teacher Module:

A teacher module for an assignment submission system is an essential tool for managing and evaluating student work. It allows teachers to quickly and easily track the progress of student assignments, and provides valuable insights into the performance of both individual students and the class as a whole.

This can be especially useful for tracking student progress over time, and for identifying students who may be falling behind or struggling with the material.

A teacher module for an assignment submission system should also include tools for managing and organizing student submissions. This makes it easy for teachers to review and provide feedback on student work, and can help to streamline the grading process.

➤ **Login:** The 'Login' facility is added for student authentication purpose. It helps to verify the credentials of an authorized user.

➤ **Profile:** Here Teacher can view their own details and can edit them if required.

➤ **Dashboard:** This is the first layout the user interacts with after his/her login is completed. This page contain all the assignments which have submission time.

➤ **Grade Assignment:** In this feature user can grade the questions of an assignment and submit them for students.

➤ **Add Assignment:** Here Teacher can add assignments .

➤ **Logout:** On clicking this button the user who is currently logged in will be removed from the current login session and will be redirected to the login page.

5. System Design

5.1.1   DATA FLOW DIAGRAM (DFD) 0th LEVEL:
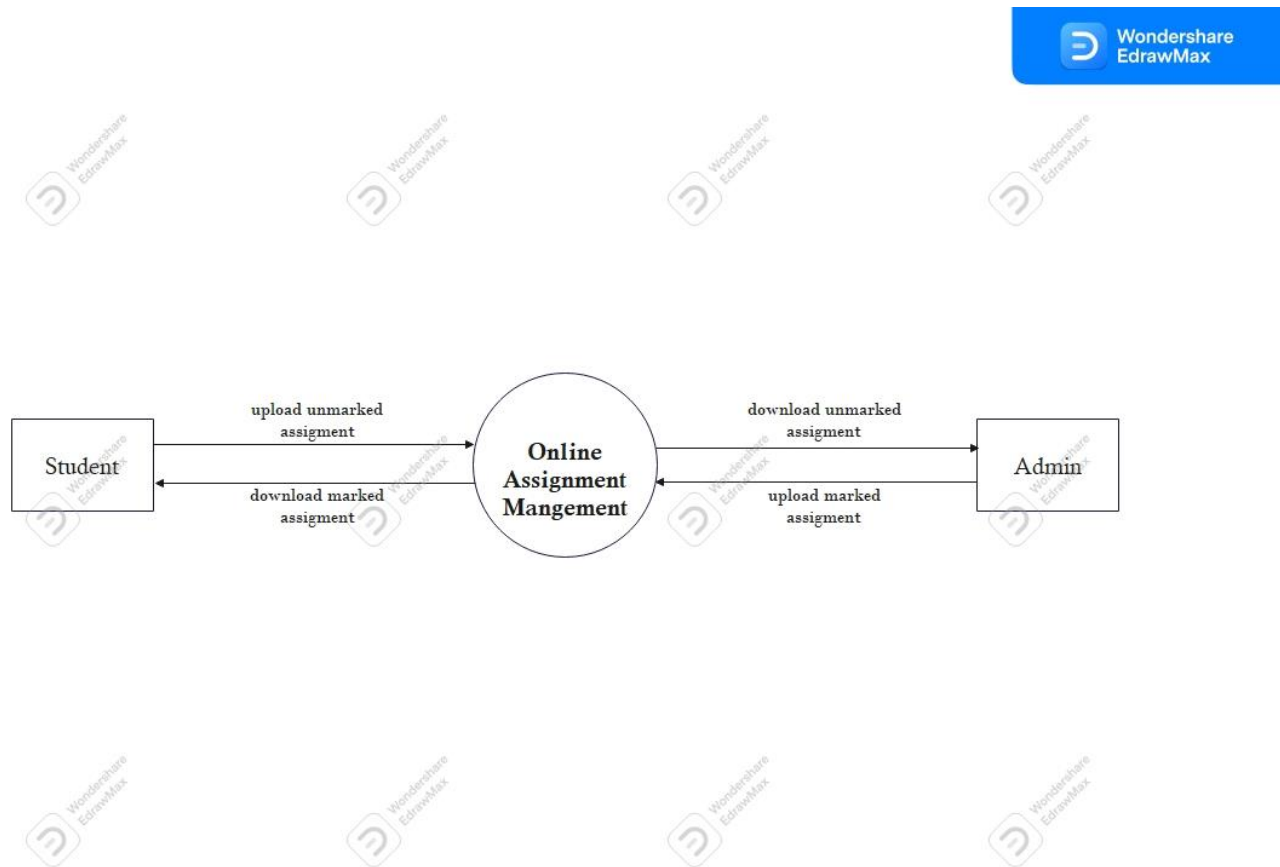
5.1.2   Data Flow Diagram (DFD) 1st LEVEL:
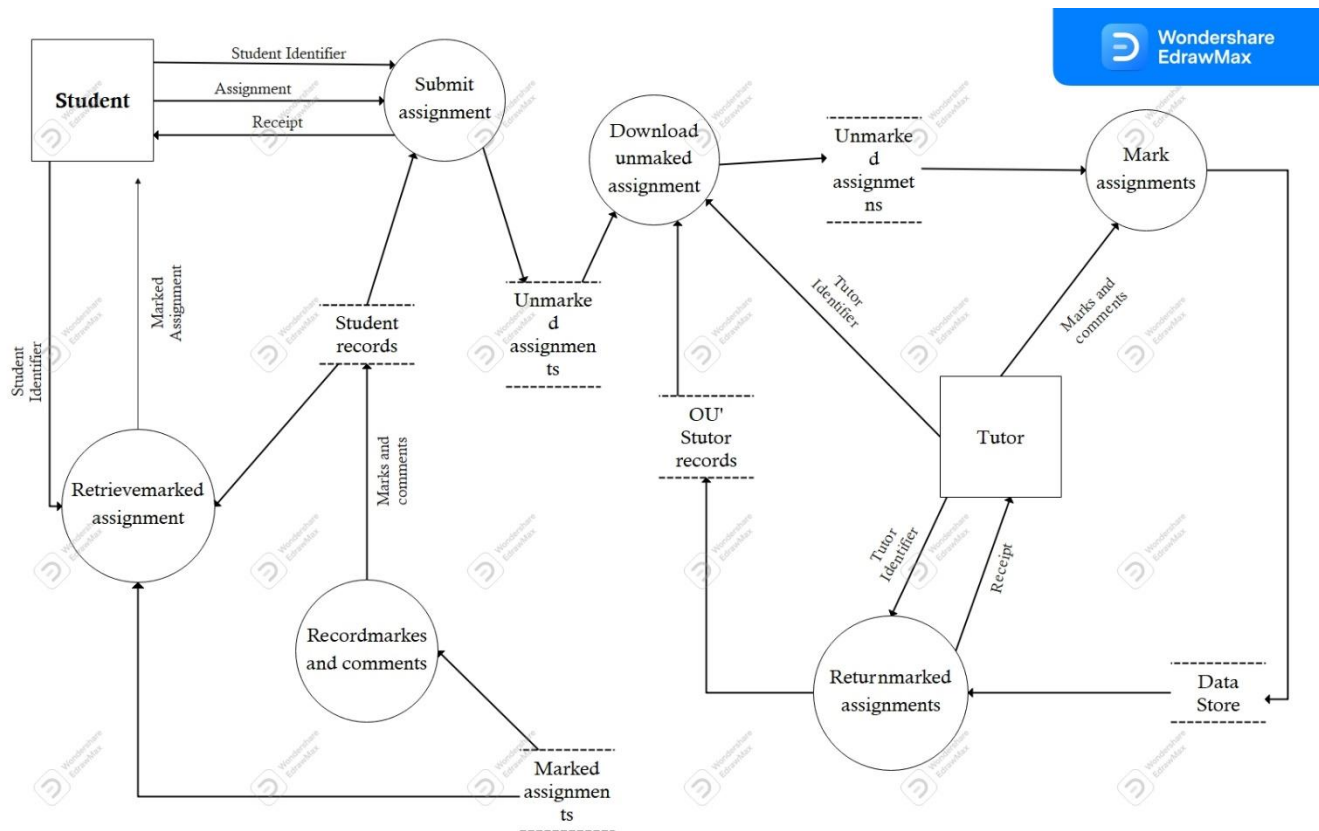
5.3   ER diagrams:

ER DIAGRAM
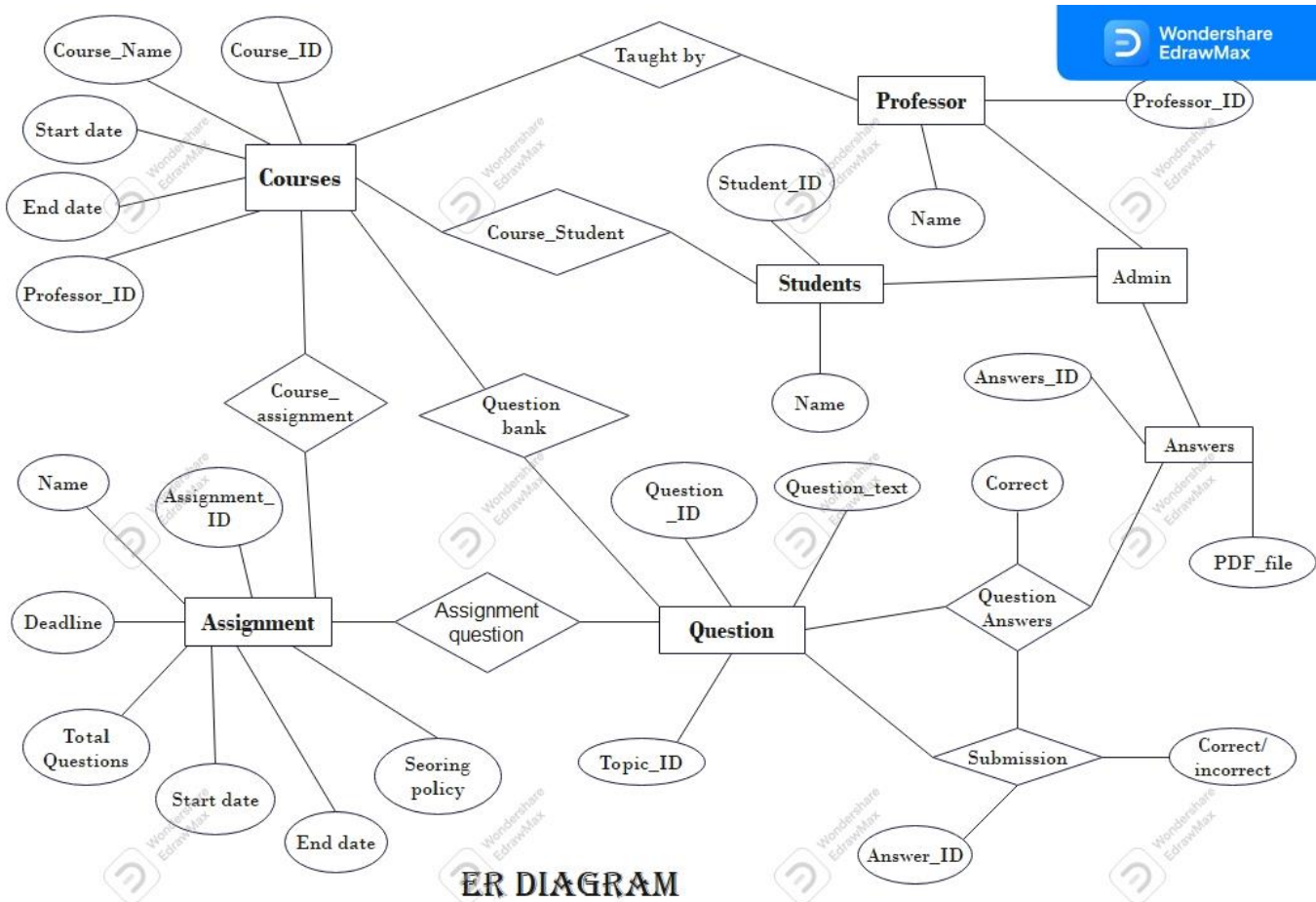
6. Data Dictionary

- ### assigmments:

Field name	Datatype	Constraints
id	bigint(20)	PRIMARY KEY
assignment_name	varchar(255)	
t_id	biginit(255)	
d_id	int(11)	FOREIGN KEY
semester	int(11)	
submission_d_t	timestamp	
created_at	timestamp	
uploaded_at	timestamp	

- ### assignment_statuses:

Field name	Datatype	Constraints
id	bigint(20)	PRIMARY KEY
student_id	bigint(20)	FOREIGN KEY
a_id	bigint(20)	FOREIGN KEY
status	int(11)	
marks_obtain	int(11)	
created_at	timestamp	
uploaded_at	timestamp	

- **department:**

Field name	Datatype	Constraints
department_id	int(10)	PRIMARY KEY
department _name	varchar(20)	

- **migration:**

Field name	Datatype	Constraints
id	int(10)	PRIMARY KEY
migration	varchar(255)	
batch	int(11)	

- **personal_access_tokens:**

Field name	Datatype	Constraints
id	bigint(20)	PRIMARY KEY
tokenable_type	varchar(255)	FOREIGN KEY
tokenable_id	bigint(20)	FOREIGN KEY
name	varchar(255)	
token	varchar(64)	FOREIGN KEY
abilities	text	
last_used_at	timestamp	
created_at	timestamp	
uploaded_at	timestamp	

- **questions:**

Field name	Datatype	Constraints
q_id	bigint(20)	PRIMARY KEY
a_id	bigint(20)	FOREIGN KEY
question	varchar(255)	
Marks_contain	int(11)	
created_at	timestamp	
uploaded_at	timestamp	

- **students:**

Field name	Datatype	Constraints
id	bigint(20)	PRIMARY KEY
name	varchar(255)	
email	varchar(255)	
roll_no	varchar(255)	
d_id	int(11)	FOREIGN KEY
semester	int(11)	
gender	enum('M','F','O')	
Address	varchar(255)	
password	varchar(255)	
dob	date	
created_at	timestamp	
uploaded_at	timestamp	

- **sub_ans:**

Field name	Datatype	Constraints
ans_id	bigint(20)	PRIMARY KEY
student_id	bigint(20)	FOREIGN KEY
question_id	bigint(20)	FOREIGN KEY
assignment_id	bigint(20)	FOREIGN KEY
answers	varchar(255)	
created_at	timestamp	
uploaded_at	timestamp	

- **teachers:**

Field name	Datatype	Constraints
t_id	bigint(20)	PRIMARY KEY
t_name	varchar(255)	
t_email	varchar(255)	
t_d_id	int(11)	FOREIGN KEY
t_gender	enum('M','F','O')	
t_address	varchar(255)	
t_password	varchar(255)	
dob	date	
created_at	timestamp	
uploaded_at	timestamp	

6. Form Designing and coding:

- **Students Login page:**
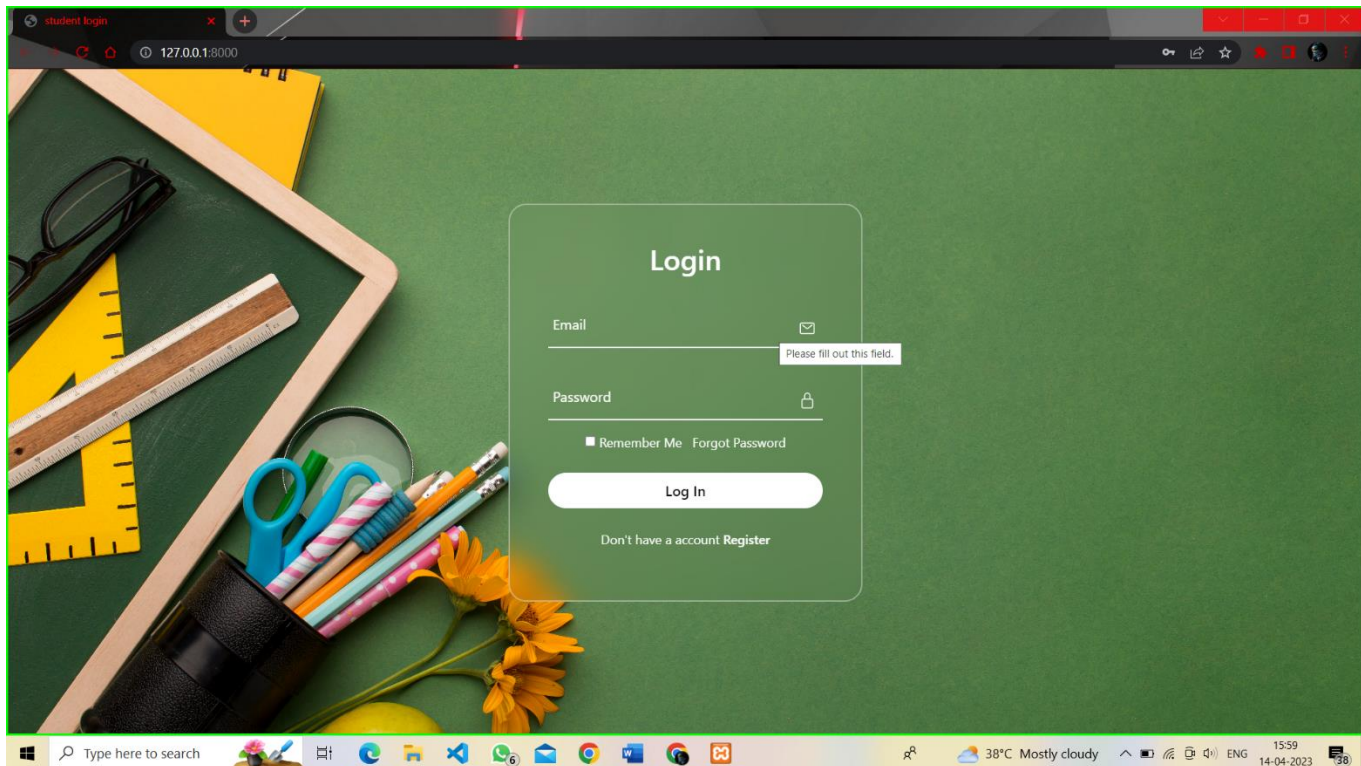
➢ Login.blade.php

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.6.2/dist/css/bootstrap.min.css">
  <script src="https://cdn.jsdelivr.net/npm/jquery@3.6.1/dist/jquery.slim.min.js"></script>
  <script src="https://cdn.jsdelivr.net/npm/popper.js@1.16.1/dist/umd/popper.min.js"></script>
  <script src="https://cdn.jsdelivr.net/npm/bootstrap@4.6.2/dist/js/bootstrap.bundle.min.js"></script>
  <link href="https://fonts.googleapis.com/css?family=Josefin+Sans&display=swap" rel="stylesheet">
  <link rel="stylesheet" href="https://fonts.googleapis.com/icon?family=Material+Icons">
  <link rel="stylesheet" href="https://use.fontawesome.com/releases/v5.7.0/css/all.css" integrity="sha384-
lZN37f5QGtY3VHgisS14W3ExzMWZxybE1SJSEsQp9S+oqd12jhcu+A56Ebc1zFSJ" crossorigin="anonymous">
```

```html
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.3/dist/css/bootstrap.min.css" rel="stylesheet">
    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.3/dist/js/bootstrap.bundle.min.js"></script>
    <title>student login</title>
    <!DOCTYPE html>
<html lang="en">
<head>
    <link rel="stylesheet" href="style.css">
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Example</title>
    <style>
    section{
        display: flex;
        justify-content: center;
        align-items: center;
        min-height: 100vh;
        width: 100%;
        background: url('asset/img/background.jpg')no-repeat;
        background-position: center;
        background-size: cover;
    }
    .form-box{
        position: relative;
        width: 400px;
        height: 450px;
        background: transparent;
        border: 2px solid rgba(225,225,225,0.5);
        border-radius: 20px;
        backdrop-filter: blur(15px);
        display: flex;
        justify-content: center;
        align-items: center;
    }
    h2{
        font-size: 2em;
        color: #fff;
        text-align: center;
    }
    .inputbox{
        position: relative;
        margin: 30px 0;
        width: 310px;
        border-bottom: 2px solid #fff;
    }
    .inputbox label{
        position: absolute;
        top: 50%;
        left: 5px;
```

```css
    transform: translateY(-50%);
    color: #fff;
    font-size: 1rem;
    pointer-events: none;
    transition: .5s;
}
input:focus ~ label,
input:valid ~ label{
    top: -5px;
}
.inputbox input{
    width: 100%;
    height: 50px;
    background: transparent;
    border: none;
    outline: none;
    font-size: 1rem;
    padding: 0 35px 0 5px;
    color: #fff;
}
.inputbox ion-icon{
    position: absolute;
    right: 8px;
    color: #fff;
    font-size: 1.2rem;
    top: 20px;
}
.forget{
    margin: -15px 0 15px;
    font-size: .9em;
    color: #fff;
    display: flex;
    justify-content: center;
}
.forget label input{
    margin-right: 3px;
}
.forget label a{
    color: #fff;
    text-decoration: none;
}
.forget label a:hover{
    text-decoration: underline;
}
button{
    width: 100%;
    height: 40px;
    border-radius: 40px;
    background: #fff;
```

```
        border: none;
        outline: none;
        cursor: pointer;
        font-size: 1em;
        font-weight: 600;
    }
    .register{
        font-size: .9em;
        color: #fff;
        text-align: center;
        margin: 25px 0 10px;
    }
    .register p a{
        text-decoration: none;
        color: #fff;
        font-weight: 600;
    }
    .register p a:hover{
        text-decoration: underline;
    }
    </style>
</head>
<body>
    <section>
        <div class="form-box">
            <div class="form-value">
                <form class="signup-form" method="POST" action="{{url('login')}}">
                    {{ csrf_field()}}
                    <h2>Login</h2>
                    @if(session('mail'))
                    <div class="alert alert-info alert-dismissible">
                        <button type="button" class="btn-close" data-bs-dismiss="alert"></button>
                        {{session('mail')}}
                    </div>
                    @endif
                    @if(session('pass'))
                    <div class="alert alert-info alert-dismissible">
                        <button type="button" class="btn-close" data-bs-dismiss="alert"></button>
                        {{session('pass')}}
                    </div>
                    @endif
                    @if(session('status'))
                    <div class="alert alert-info alert-dismissible">
                        <button type="button" class="btn-close" data-bs-dismiss="alert"></button>
                        {{session('status')}}
                    </div>
                    @endif
                    <div class="inputbox">
                        <ion-icon name="mail-outline"></ion-icon>
```
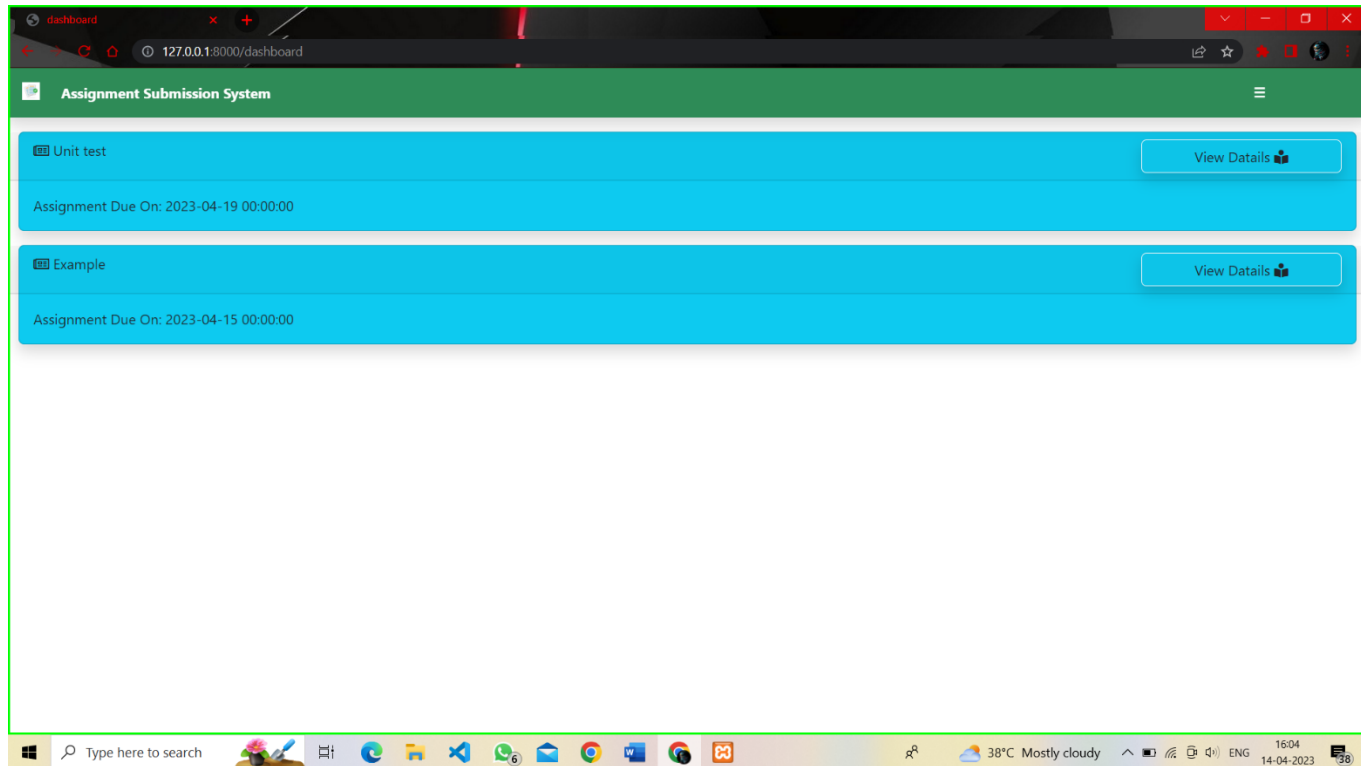
```
                    <input type="email" name="Email" id="email" class="rounded mr-3" value="{{old('Email')}}"
required>
                    <label for="">Email</label>
                </div>
                <span class="text-danger">
                    @error('Email')
                    {{$message}}
                    @enderror
                </span>
                <div class="inputbox">
                    <ion-icon name="lock-closed-outline"></ion-icon>
                    <input type="password" name="Password" id="password" class="rounded mr-3" required>
                    <label for="">Password</label>
                </div>
                <span class="text-danger">
                    @error('Password')
                    {{$message}}
                    @enderror
                </span>
                <div class="forget">
                    <label for=""><input type="checkbox">Remember Me   <a href="#">Forgot
Password</a></label>
                </div>
                <button type="submit">Log In</button>
                <div class="register">
                    <p>Don't have a account <a href="{{route('Register')}}">Register</a></p>
                </div>
            </form>
        </div>
    </div>
</section>
<script type="module" src="https://unpkg.com/ionicons@5.5.2/dist/ionicons/ionicons.esm.js"></script>
<script nomodule src="https://unpkg.com/ionicons@5.5.2/dist/ionicons/ionicons.js"></script>
</body>
</html>
```

- ## Students Dashboard:

➢ ## Dashboard.blade.php

```
@extends('navbar')
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.6.2/dist/css/bootstrap.min.css">
    <script src="https://cdn.jsdelivr.net/npm/jquery@3.6.1/dist/jquery.slim.min.js"></script>
    <script src="https://cdn.jsdelivr.net/npm/popper.js@1.16.1/dist/umd/popper.min.js"></script>
    <script src="https://cdn.jsdelivr.net/npm/bootstrap@4.6.2/dist/js/bootstrap.bundle.min.js"></script>
    <link href="https://fonts.googleapis.com/css?family=Josefin+Sans&display=swap" rel="stylesheet">
    <link rel="stylesheet" href="https://fonts.googleapis.com/icon?family=Material+Icons">
    <link rel="stylesheet" href="https://use.fontawesome.com/releases/v5.7.0/css/all.css" integrity="sha384-lZN37f5QGtY3VHgisS14W3ExzMWZxybE1SJSEsQp9S+oqd12jhcu+A56Ebc1zFSJ" crossorigin="anonymous">
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.3/dist/css/bootstrap.min.css" rel="stylesheet">
    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.3/dist/js/bootstrap.bundle.min.js"></script>
    <title>dashboard</title>
</head>
```

```html
<body>
  <br>
  <div class="container-fluid mt-5">
    @if(session('assign'))
    <div class="alert alert-success alert-dismissible">
      <button type="button" class="btn-close" data-bs-dismiss="alert"></button>
      {{session('assign')}}
    </div>
    @endif
    @if(session('assign1'))
    <div class="alert alert-success alert-dismissible">
      <button type="button" class="btn-close" data-bs-dismiss="alert"></button>
      {{session('assign1')}}
    </div>
    @endif
    <table>
      <input type="hidden" value="{{ $n = $data2->count()}}">
      @while($n>=0)
      @if(!empty($data2[$n]))
      @if($data2[$n]->submission_d_t >= $todayDate)
      <tr>
        <div class="row mt-3">
          <div class="col-12">
            <div class="card rounded shadow bg-info">
              <div class="card-header row">
                <div class="col-sm-10"><i class="far fa-newspaper"></i> {{$data2[$n]->assignment_name}}</div>
                <div class="ml-auto col-sm"><a href="{{route('viewQuestion',['id'=>$data2[$n]->id])}}" class=""><button type="button" class="btn btn-outline-light shadow text-dark col-sm">View Datails <i class='fas fa-book-reader'></i></button></a></div>
              </div>
              <div class="card-body">Assignment Due On: {{$data2[$n]->submission_d_t}}</div>
            </div>
          </div>
        </div>
      </tr>
      @endif
      @endif
      </tr>
      <input type="hidden" value="{{$n--}}">
      @endwhile
    </table>
  </div>
</body>

</html>
```

- ## View Questions page:

➢ ## viewQuestions.blade.php

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.6.2/dist/css/bootstrap.min.css">
  <script src="https://cdn.jsdelivr.net/npm/jquery@3.6.1/dist/jquery.slim.min.js"></script>
  <script src="https://cdn.jsdelivr.net/npm/popper.js@1.16.1/dist/umd/popper.min.js"></script>
  <script src="https://cdn.jsdelivr.net/npm/bootstrap@4.6.2/dist/js/bootstrap.bundle.min.js"></script>
  <link href="https://fonts.googleapis.com/css?family=Josefin+Sans&display=swap" rel="stylesheet">
  <link rel="stylesheet" href="https://fonts.googleapis.com/icon?family=Material+Icons">
  <link rel="stylesheet" href="https://use.fontawesome.com/releases/v5.7.0/css/all.css" integrity="sha384-lZN37f5QGtY3VHgisS14W3ExzMWZxybE1SJSEsQp9S+oqd12jhcu+A56Ebc1zFSJ" crossorigin="anonymous">
  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.3/dist/css/bootstrap.min.css" rel="stylesheet">
  <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.3/dist/js/bootstrap.bundle.min.js"></script>
  <title>View-Question</title>
</head>
```

```html
<body>

  <input type="hidden" value="{{$n=$data->count()}}">
  @if(!empty($n))
  <nav class=" text-white font-weight-bold fixed-top shadow " style="background-color: seagreen;z-index: 0;">
  <div class="container-fluid">
    <div class="row mt-3">
      <a href="{{url('dashboard')}}" class="col-sm-3 mr-5"> <button type="button" class="btn btn-outline-light text-dark btn-sm" style="height: 30px;"><i class="fas fa-chevron-left"></i> Back</button></a>
      <p class="col-sm-6 ml-5">QUESTIONS</p>
      <a href="{{url('logout')}}" class="col"> <button type="button" class="btn btn-outline-light text-dark btn-sm ">Log Out </button></a>
    </div></div>
  </nav>


  <!-- ---------------------------------- -->


  <br>
  <br>
  <div class="container-fluid mt-5">
    <form action="{{route('submitAns',['stu_id' => $id1,'ass_id'=>$id])}}" method="POST" enctype="multipart/form-data">
    @csrf
    <input type="hidden" value="{{$id1}}" name="student_id">
      <table>
        @foreach($data as $key => $question)
        @if(!empty($question))
        @if($question->a_id == $id)

<input type="hidden" value="{{$k=0}}" name="question_no[]">
        <tr>
          <div class="row mt-3">
            <input type="hidden" name="q_id[]" value="{{$question->q_id}}">
            <h5 class="col-10"><i class="fas fa-pen-nib"></i> {{$question->question}}</h5>
            <h5 class="col">Marks: {{$question->marks_contain}}</h5>
          </div>

          <div class="mt-3">
            <textarea name="answer[]" id="" cols="130" rows="3" placeholder="Write Your Answer Here."></textarea>
          </div>
        </tr>
        <input type="hidden" value="{{$k= $k+1}}" >
        @endif
        @endif
        @endforeach
      </table>
      <div class="form-group row mt-3">
        <label for="myfile" class="col-sm-6 col-form-label">Add Attachment</label>
```

```
        <div class="col-sm-6">
          <input type="file" accept="application/pdf" id="pdffile" name="pdffile" class="form-control">
        </div>
      </div>
      <center>
        <button type="submit" class='form-control btn btn-success col-3 rounded shadow'>Submit</button>
      </center>

    </form>
  </div>
  @else
  <div class="container-fluid mt-5">
    <div class="alert alert-success" role="alert">
      <h4 class="alert-heading">Oops! <i class="far fa-grimace"></i></h4>
      <p>
      <h5>Your assignment doesn't has any question yet. <br> Your teacher might be a littele busy. <br> Please wailt
for a while <i class="far fa-grin-beam"></i></h5>
      </p>
      <hr>
      <p class="mb-0">
        <a href="{{url('dashboard')}}" class=""> <button type="button" class="ml-3 btn btn-outline-light text-success
btn-sm-4 "><i class="fas fa-chevron-left"></i> Back </button></a>
        <a href="{{url('logout')}}" class=""> <button type="button" class="ml-3 btn btn-outline-light text-success
btn-sm-4 ">Log Out </button></a>
      </p>
    </div>
  @endif
  </div>
</body>

</html>
```
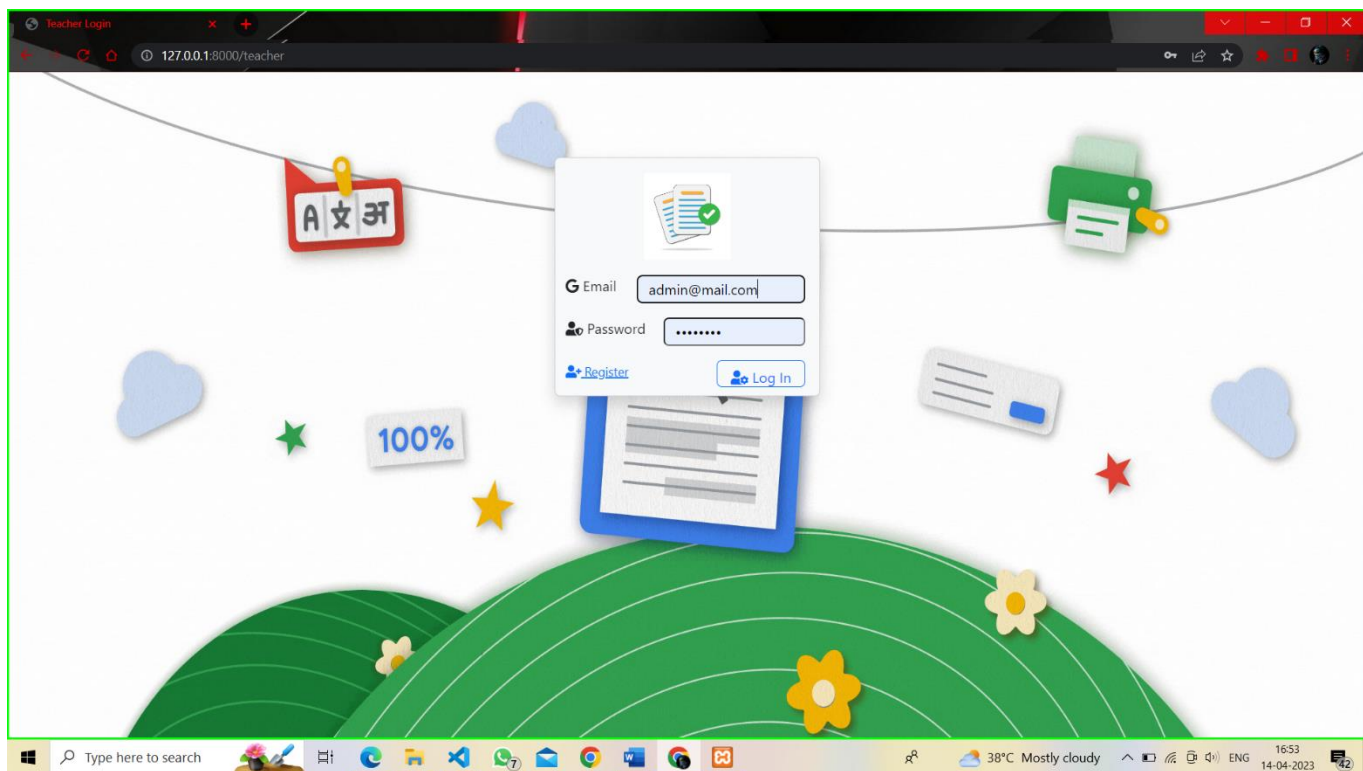
- **Teachers Login page:**

➢ **teacher_login.blade.php**

```html
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.6.2/dist/css/bootstrap.min.css">
  <script src="https://cdn.jsdelivr.net/npm/jquery@3.6.1/dist/jquery.slim.min.js"></script>
  <script src="https://cdn.jsdelivr.net/npm/popper.js@1.16.1/dist/umd/popper.min.js"></script>
  <script src="https://cdn.jsdelivr.net/npm/bootstrap@4.6.2/dist/js/bootstrap.bundle.min.js"></script>
  <link href="https://fonts.googleapis.com/css?family=Josefin+Sans&display=swap" rel="stylesheet">
  <link rel="stylesheet" href="https://fonts.googleapis.com/icon?family=Material+Icons">
  <link rel="stylesheet" href="https://use.fontawesome.com/releases/v5.7.0/css/all.css" integrity="sha384-lZN37f5QGtY3VHgisS14W3ExzMWZxybE1SJSEsQp9S+oqd12jhcu+A56Ebc1zFSJ" crossorigin="anonymous">
  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.3/dist/css/bootstrap.min.css" rel="stylesheet">
  <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.3/dist/js/bootstrap.bundle.min.js"></script>
  <title>Teacher Login</title>

  <style>
    body {
```

```
          background-image: url('asset/img/login.gif');
          background-repeat: no-repeat;
          background-attachment: fixed;
          background-size: 100% 100%;
       }
    </style>
</head>

<body class="body">
    <br><br>
    <div class="mt-5">
       <div class="card rounded shadow container-fluid col-sm-4 bg-light mt-5" style="width: 300px;">
       <center>
               <div class="mt-3 mb-3">
                  <img src="{{asset('asset/img/logo.jpg')}}" alt="Log-In Here" width="100" height="100">
               </div>
          </center>
          @if(session('mail'))
    <div class="alert alert-info alert-dismissible">
       <button type="button" class="btn-close" data-bs-dismiss="alert"></button>
       {{session('mail')}}
    </div>
    @endif
    @if(session('pass'))
    <div class="alert alert-info alert-dismissible">
       <button type="button" class="btn-close" data-bs-dismiss="alert"></button>
       {{session('pass')}}
    </div>
    @endif
    @if(session('status'))
    <div class="alert alert-info alert-dismissible">
       <button type="button" class="btn-close" data-bs-dismiss="alert"></button>
       {{session('status')}}
    </div>
    @endif
        <form class="signup-form" method="POST" action="{{url('teacher_login')}}">
           {{ csrf_field()}}

           <div class="form-item">
              <div class="form-group row">
                 <label for="email" class="col"><i class="fab fa-google"></i> Email</label>
                 <input type="email" name="Email" id="email" class="rounded mr-3" value="{{old('Email')}}"
style="width: 190px;" />
              </div>
              <span class="text-danger">
                 @error('Email')
                 {{$message}}
                 @enderror
              </span>
```

```
        </div>
        <div class="form-item">
          <div class="form-group row">
            <label for="Password" class="col"> <i class="fas fa-user-shield"></i> Password</label>
            <input type="password" name="Password" id="password" class="rounded mr-3" style="width: 160px;"
/>
          </div>
          <span class="text-danger">
            @error('Password')
            {{$message}}
            @enderror
          </span>
        </div>
        <div class="form-item">
          <div class="row">
            <p class="pull-left col"><a href="{{route('t_Register')}}"><small><i class="fas fa-user-plus"></i>
Register</small></a></p>
            <button style="height:30px;" type="submit" class="btn btn-outline-primary ml-5 mr-3 col-sm-4"> <i
class="fas fa-user-cog"></i> Log In</button>
          </div>
        </div>
      </form>
    </div>
  </div>
</body>

</html>
```

- ## **Create-Assignments page:**

➢ **create_assignment.blade.php**

```
@extends('t_navbar')
{{-- <!DOCTYPE html>
<html lang="{{ str_replace('_', '-', app()->getLocale()) }}">
<head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>Create Assignment</title>
    <!-- CSS -->
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-beta3/dist/css/bootstrap.min.css" rel="stylesheet">
    <style>
      .container {
          max-width: 600px;
      }
    </style>
</head>
<body>
    <div class="container">
      <form action="{{ url('create_assignment') }}" style="margin-top: 80px;" method="POST">
        @csrf
        @if ($errors->any())
        <div class="alert alert-danger" role="alert">
          <ul>
            @foreach ($errors->all() as $error)
```

```
        <li>{{ $error }}</li>
        @endforeach
      </ul>
    </div>
    @endif
    @if (Session::has('success'))
    <div class="alert alert-success text-center">
      <p>{{ Session::get('success') }}</p>
    </div>
    @endif

    <!-- <div class="form-group">
    Assignment Id<input type="text" name="id" id="">
</div> -->
    <!-- <div class="form-group">
    t_id<input type="text" name="t_id" id="">
</div>
    <div class="form-group">
    d_id<input type="text" name="d_id" id="">
</div> -->
    <div class="form-group">
     Assignment Name <input type="text" name="assignment_name" id="" class="form-control" >
    </div>

    <div class="form-group">
      Semester <input type="text" name="semester" id="" class="form-control" >
     </div>

     Submission Date  <input type="date" name="submission_d_t" id="">




    <table class="table table-bordered" id="dynamicAddRemove">
      <tr>
        <th>Question</th>
        <th>Marks</th>
        <th>Action</th>
      </tr>
      <tr>

        <td><button type="button" name="add" id="dynamic-ar" class="btn btn-outline-primary">Add
Subject</button></td>
      </tr>
    </table>
    <button type="submit" class="btn btn-outline-success btn-block">Save</button>
  </form>
```

```
    </div>
</body>
<!-- JavaScript -->
<script src="https://code.jquery.com/jquery-3.5.1.min.js"></script>
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-beta3/dist/js/bootstrap.bundle.min.js"></script>
<script type="text/javascript">
    var i = 0;
    $("#dynamic-ar").click(function () {
        ++i;
        $("#dynamicAddRemove").append('<tr><td><input type="text" name="addMoreInputFields[' + i +
            '][subject]" placeholder="Enter subject" class="form-control" /> </td><td><button type="button" class="btn btn-
outline-danger remove-input-field">Delete</button></td></tr>'
        );
    });
    $(document).on('click', '.remove-input-field', function () {
        $(this).parents('tr').remove();
    });
</script>
</html>
 --}}




 {{-- <html>
   <head>
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>Laravel 5.8 - DataTables Server Side Processing using Ajax</title>
    <script src="https://ajax.googleapis.com/ajax/libs/jquery/2.2.0/jquery.min.js"></script>
    <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css" />
    <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/js/bootstrap.min.js"></script>
   </head>
   <body>
   <div class="container">
     <br />
     <h3 align="center">Dynamically Add / Remove input fields in Laravel 5.8 using Ajax jQuery</h3>
     <br />
    <div class="table-responsive">
            <form method="post" id="dynamic_form">
             <span id="result"></span>
             <table class="table table-bordered table-striped" id="user_table">
           <thead>
            <tr>
               <th width="35%">First Name</th>
               <th width="35%">Last Name</th>
               <th width="30%">Action</th>
            </tr>
           </thead>
           <tbody>
```

```html
            </tbody>
            <tfoot>
             <tr>
                        <td colspan="2" align="right"> </td>
                        <td>
             @csrf
             <input type="submit" name="save" id="save" class="btn btn-primary" value="Save" />
            </td>
            </tr>
            </tfoot>
        </table>
            </form>
   </div>
  </div>
 </body>
</html>

<script>
$(document).ready(function(){

  var count = 1;

  dynamic_field(count);

  function dynamic_field(number)
  {
   html = '<tr>';
       html += '<td><input type="text" name="first_name[]" class="form-control" /></td>';
       html += '<td><input type="text" name="last_name[]" class="form-control" /></td>';
       if(number > 1)
       {
          html += '<td><button type="button" name="remove" id="" class="btn btn-danger
remove">Remove</button></td></tr>';
          $('tbody').append(html);
       }
       else
       {
          html += '<td><button type="button" name="add" id="add" class="btn btn-success">Add</button></td></tr>';
          $('tbody').html(html);
       }
  }

  $(document).on('click', '#add', function(){
   count++;
   dynamic_field(count);
  });

  $(document).on('click', '.remove', function(){
   count--;
```

```
  $(this).closest("tr").remove();
 });

 $('#dynamic_form').on('submit', function(event){
      event.preventDefault();
      $.ajax({
          url:'{{ route("create_assignment") }}',
          method:'post',
          data:$(this).serialize(),
          dataType:'json',
          beforeSend:function(){
             $('#save').attr('disabled','disabled');
          },
          success:function(data)
          {
             if(data.error)
             {
                var error_html = '';
                for(var count = 0; count < data.error.length; count++)
                {
                   error_html += '<p>'+data.error[count]+'</p>';
                }
                $('#result').html('<div class="alert alert-danger">'+error_html+'</div>');
             }
             else
             {
                dynamic_field(1);
                $('#result').html('<div class="alert alert-success">'+data.success+'</div>');
             }
             $('#save').attr('disabled', false);
          }
      })
 });
 });
</script> --}}


<!DOCTYPE html>
<html>
<head>
   <title>Add/remove multiple input fields dynamically with Jquery Laravel 5.8</title>
   <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css" />
   <script src="//ajax.googleapis.com/ajax/libs/jquery/1.12.4/jquery.min.js"></script>
</head>
<body>
<div class="container">
   <form action="{{ route('create_assignment') }}" style="margin-top: 80px;" method="POST">
      @csrf
      @if ($errors->any())
```

```html
        <div class="alert alert-danger">
          <ul>
            @foreach ($errors->all() as $error)
              <li>{{ $error }}</li>
            @endforeach
          </ul>
        </div>

    @endif

    <!-- <div class="form-group">
    Assignment Id<input type="text" name="id" id="">
</div>
      <div class="form-group">
      t_id<input type="text" name="t_id" id="">
</div>
      <div class="form-group">
      d_id<input type="text" name="d_id" id="">
</div> -->
      <div class="form-group">
        Assignment Name <input type="text" name="assignment_name" id="" class="form-control" >
        </div>

      <div class="form-group">
        Semester <input type="text" name="semester" id="" class="form-control" >
        </div>

      Submission Date  <input type="date" name="submission_d_t" id="">

    @if (Session::has('success'))

      <div class="alert alert-success text-center">

        <a href="#" class="close" data-dismiss="alert" aria-label="close">×</a>

        <p>{{ Session::get('success') }}</p>

      </div>
    @endif
    <table class="table table-bordered" id="dynamicTable">
      <tr>
        <th>Question</th>
        <th>Mark</th>
        <th>Action</th>
      </tr>
      <tr>
        <td><input type="text" name="addmore[0][name]" placeholder="Enter The Question" class="form-control"
/></td>
        <td><input type="text" name="addmore[0][qty]" placeholder="Enter Marks" class="form-control" /></td>
```
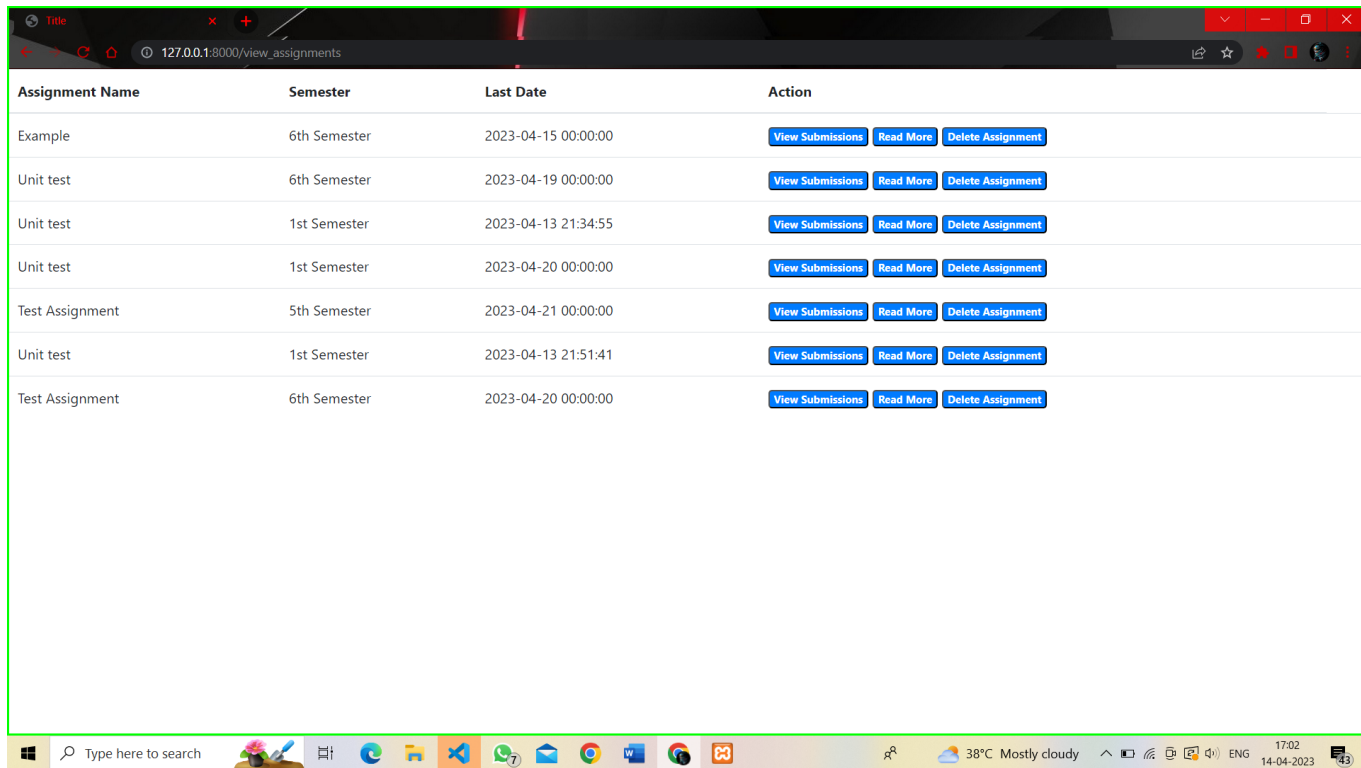
```html
            <td><button type="button" name="add" id="add" class="btn btn-success">Add More</button></td>
          </tr>
        </table>
        <button type="submit" class="btn btn-success">Save</button>
      </form>
  </div>
  <script type="text/javascript">
     var i = 0;
     $("#add").click(function(){
         ++i;
         $("#dynamicTable").append('<tr><td><input type="text" name="addmore['+i+'][name]" placeholder="Enter The Question" class="form-control" /></td><td><input type="text" name="addmore['+i+'][qty]" placeholder="Enter Marks" class="form-control" /></td><td><button type="button" class="btn btn-danger remove-tr">Remove</button></td></tr>');
     });
     $(document).on('click', '.remove-tr', function(){
         $(this).parents('tr').remove();
     });
  </script>
  </body>
  </html>
```

- ## **View Assignments Page:**

➢ **view_assignments.blade.php**

```html
<!doctype html>
<html lang="en">
  <head>
    <title>Title</title>
    <!-- Required meta tags -->
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">

    <!-- Bootstrap CSS -->
    <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css"
integrity="sha384-ggOyR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2MZw1T"
crossorigin="anonymous">
  </head>
  <body>
    <table class="table">

      <thead>
        <tr>
          <th>Assignment Name</th>
          <th>Semester</th>
          <th>Last Date</th>
          <th>Action</th>
        </tr>
```

```
    </thead>
    <tbody>
        @foreach($assignments as $assignment)
        <tr>
            <td scope="row">{{$assignment->assignment_name}}</td>
            <td>
                @if($assignment->semester=="1")
                1st Semester
                @elseif($assignment->semester=="2")
                2nd Semester
                @elseif($assignment->semester=="3")
                3rd Semester
                @elseif($assignment->semester=="4")
                4th Semester
                @elseif($assignment->semester=="5")
                5th Semester
                @elseif($assignment->semester=="6")
                6th Semester
                @elseif($assignment->semester=="7")
                7th Semester
                @elseif($assignment->semester=="8")
                8th Semester

                @endif
            </td>
            <td>{{$assignment->submission_d_t}}</td>
    <td>
        <button class="badge badge-primary">
            View Submissions
        </button>
        <button class="badge badge-primary">
            Read More
        </button>
        <button class="badge badge-primary">
            Delete Assignment
        </button>
        <td>
        </tr>
        @endforeach
    </tbody>
</table>

</body>
</html>
```

- **CONCLUSION**

The currently implemented Assignment Management System provides instructors and students powerful features to handle assignments. The friendly HTML pages allow users to work easily and conveniently. The utilization of DBMS produces high system efficiency in data manipulation. Cross platform attributes of Perl and MySQL make it a portable system on most operating systems with slight modifications. In addition, the system security is strengthened by multiple security schemes. The database design is very important during implementation because the database structure can significantly affect system efficiency and flexibility. Currently, the database structure is constructed in a very flexible manner, so that new data attributes or items can be easily added to the system without changing current structure significantly. For further implementation, more features can be added to the system, such as the management of backup data or disaster recovery. More information could be explored according to users' requirements.

7.   **References**

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