

**Assignment-5**  
**CSW-1(23412G1)**  
**Ahab Answer**  
**Regd.no:2341001097**

Q1) Create an HTML page for the school management system with proper headings and an introduction paragraph. The page will also contain a login facility with a username, password and login button. Add CSS to assign proper styling to these fields. The password should be validated with at least 1 uppercase, 1 lowercase and 1 digit.

CODE:

```
<html>

<head>

<title>Assignment-4 Q1 (Ahab Answer)</title>

<meta charset="utf-8">

<meta name="viewport" content="width=device-width, initial-scale=1">

<link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.1.3/css/bootstrap.min.css">

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></script>

<script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.6/umd/popper.min.js"></script>

<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/4.1.3/js/bootstrap.min.js"></script>

<style>

.center-form{ padding:30px;

width:100%; max-width:500px; border:1px solid black; box-shadow: .1rem .2rem .3rem
rgba(0,0,0,0.6);

border-radius:1rem;}

</style>

</head>

<body>
```

```

<h1 class="my-4 text-center">ITER ( School Management System )</h1>

<p class="my-4 text-center"> Efficiently Manage School operations and streamline
communication of ITER.</p>

<div class = "container center-form">

<div class="form-container">


<h3 align="center">Login</h3>

<form action="A5_Q3.html">

<div class="form-group">

<label for = "username"> Username</label>

<input type = "text" class="form-control" id = "username" placeholder="Type your
username" name = "username" required>

</div>

<div class="form-group">

<label for="psw">Password</label>

<input type="password" class="form-control" id="psw" name="psw"
pattern="(?!.*\d)(?!.*[a-z])(?!.*[A-Z]).{8,}" title="Must contain at least one number and
one uppercase and lowercase letter" required>

</div>

<button type="login" class="btn btn-primary btn-block">Login</button>

</form>

</div>

</div>

</body>

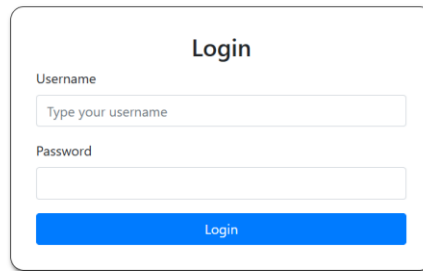
</html>

```

OUTPUT:

# ITER ( School Management System )

Efficiently Manage School operations and streamline communication of ITER.



Username

Type your username

Password

Login

Q2) The login page is designed for Q1. The user will be moved to the Student Information page when clicking on the login button. Create a student table using HTML with Name, Age, Semester, and Registration Number. The alternative rows of the table should be of different colors. Add Edit and Delete buttons for each row and implement their functions. Style the Edit and Delete buttons with different colors.

CODE:

```
<html>
```

```
<head>
```

```
<title>Assignment-4 Q2 (Ahab Anwer)</title>
```

```
<meta charset="utf-8">
```

```
<meta name="viewport" content="width=device-width, initial-scale=1">
```

```
<link rel="stylesheet"
```

```
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.1.3/css/bootstrap.min.css">
```

```
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></script>
```

```
<script
```

```
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.6/umd/popper.min.js"></script>
```

```
<script
```

```
src="https://maxcdn.bootstrapcdn.com/bootstrap/4.1.3/js/bootstrap.min.js"></script>
```

```
<script>
```

```
$(document).ready(function(){
```

```
$(".edit").click(function(){
```

```
alert("This Content is editable")));
```

```
$(".remove").click(function(){
```

```

    if (confirm("Do you want to delete it?")){
$(this).closest("tr").remove();
}
});

});
</script>
</head>
<body>
<div class="container">
<h1 class="my-4 text-center">Student Information</h1>
<p class="my-4 text-center"> Manage the list of students, Update informaation or remove
entries when needed.</p>
<table class="table table-striped">
<tr class="thead-dark">
<th>Name
<th>Roll No.
<th>Semester
<th> Registration Number
<th>Actions
</tr>
<tr>
<td>G Jaganmohan Achary
<td>01
<td>3rd
<td> 2341001013
<td><button class="btn btn-success edit">Edit</button> <button class="btn btn-danger
remove">Remove</button>
</tr>
<tr>

```

```

<td>Kumar Amlan
<td>02
<td>3rd
<td> 2341001080
<td><button class="btn btn-success edit">Edit</button> <button class="btn btn-danger
remove">Remove</button>
</tr>
<tr>
<td>Ahab Anwer
<td>03
<td>3rd
<td> 2341001097
<td><button class="btn btn-success edit">Edit</button> <button class="btn btn-danger
remove">Remove</button>
</tr>
</table>
</div>
</body>
</html>

```

OUTPUT:

## Student Information

Manage the list of students, Update information or remove entries when needed.

Name	Roll No.	Semester	Registration Number	Actions	
G Jaganmohan Achary	01	3rd	2341001013	<button>Edit</button>	<button>Remove</button>
Kumar Amlan	02	3rd	2341001080	<button>Edit</button>	<button>Remove</button>
Ahab Anwer	03	3rd	2341001097	<button>Edit</button>	<button>Remove</button>

Q3) Consider the student table designed in Q2 and add a search bar that allows filtering of students by their names and displays only matching rows (use .filter() of jQuery). Also, highlight the table row on hover with a different background color to fade in and out.

CODE:

```
<html>

<head>

<title>Assignment-4 Q3 (Ahab Answer)</title>

<meta charset="utf-8">

<meta name="viewport" content="width=device-width, initial-scale=1">

<link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.1.3/css/bootstrap.min.css">

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></script>

<script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.6/umd/popper.min.js"></script>

<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/4.1.3/js/bootstrap.min.js"></script>

<style>

.search-bar {

    padding: 10px;

    width: 100%;

    margin-bottom: 10px;

}

tr:hover {

    background-color: #e0e0e0;

    cursor: pointer;

    transition: background-color 0.3s ease;

}

</style>

<script>

$(document).ready(function(){
```

```

$(".edit").click(function(){
window.location.href = "ass5-q4.html";});
$(".remove").click(function(){
    if (confirm("Do you want to delete it?")){
$(this).closest("tr").remove();
    }
});

$('#search').on('keyup', function() {
    var value = $(this).val().toLowerCase();
    $('#studentTable tbody tr').filter(function() {
        $(this).toggle($(this).text().toLowerCase().indexOf(value) > -1);
    });
});

});
</script>
</head>
<body>
<div class="container">
<h1 class="my-4 text-center">Student Information</h1>
<p class="my-4 text-center"> Manage the list of students, Update informaation or remove
entries when needed.</p>
<input type="text" id="search" class="search-bar" placeholder="Search by student
name...">

<table class="table table-striped" id="studentTable">
<tr class="thead-dark">
<th>Name
<th>Roll No.

```

```
<th>Semester
<th> Registration Number
<th>Actions
</tr>
<tr>
<td>G Jaganmohan Achary
<td>01
<td>3rd
<td> 2341001013
<td><button class="btn btn-success edit">Edit</button> <button class="btn btn-danger
remove">Remove</button>
</tr>
<tr>
<td>Kumar Amlan
<td>02
<td>3rd
<td> 2341001080
<td><button class="btn btn-success edit">Edit</button> <button class="btn btn-danger
remove">Remove</button>
</tr>
<tr>
<td>Ahab Anwer
<td>03
<td>3rd
<td> 2341001097
<td><button class="btn btn-success edit">Edit</button> <button class="btn btn-danger
remove">Remove</button>
</tr>
</table>
</div>
```



</body>

</html>

OUTPUT:

Student Information				
Manage the list of students, Update information or remove entries when needed.				
<input type="text" value="Search by student name..."/>				
Name	Roll No.	Semester	Registration Number	Actions
G Jaganmohan Achary	01	3rd	2341001013	<button>Edit</button> <button>Remove</button>
Kumar Amlan	02	3rd	2341001080	<button>Edit</button> <button>Remove</button>
Ahab Anwer	03	3rd	2341001097	<button>Edit</button> <button>Remove</button>

Q4) After the successful login, the by the user, the page will facilitate navigation buttons Admission, Achievements and Alumni on focus group these buttons and with Bootstrap class and crease drop down option under Achievement. One of the down down items will be Gallery. Use Bootstrap's carousel to display achievement Gallery images.

CODE:

<html>

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Assignment5-Q4 (Ahab Anwer)</title>

<link rel="stylesheet"

href="https://maxcdn.bootstrapcdn.com/bootstrap/4.1.3/css/bootstrap.min.css">

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></script>

<script

src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.6/umd/popper.min.js"></script>

<script

src="https://maxcdn.bootstrapcdn.com/bootstrap/4.1.3/js/bootstrap.min.js"></script>

<script>

```

function showGallery() {
const galleryContainer = document.getElementById("galleryContainer");
galleryContainer.style.display = "block";
}
</script>
<style>
#galleryContainer {
display: none;
}
</style>
</head>
<body>
<nav class="navbar navbar-expand-lg navbar-light bg-light">
<div class="container-fluid">
<a class="navbar-brand" href="#">Welcome</a>
<button class="navbar-toggler" type="button" data-toggle="collapse" data-
target="#navbarNav" aria-controls="navbarNav" aria-expanded="false" aria-label="Toggle
navigation">
<span class="navbar-toggler-icon"></span>
</button>
<div class="collapse navbar-collapse" id="navbarNav">
<ul class="navbar-nav">
<li class="nav-item">
<a class="nav-link" href="#">Admission</a>
</li>
<li class="nav-item dropdown">
<a class="nav-link dropdown-toggle" href="#" id="achievementDropdown" role="button"
data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">
Achievements
</a>

```

```
<div class="dropdown-menu" aria-labelledby="achievementDropdown">
  <a class="dropdown-item" href="#" onclick="showGallery()">Gallery</a>
</div>

</li>

<li class="nav-item">
  <a class="nav-link" href="ass5-q5.html">Alumni</a>
</li>

</ul>

</div>

</div>

</nav>

<div class="container mt-4" id="galleryContainer">
  <h2 id="gallery">Achievement Gallery</h2>
  <div id="achievementCarousel" class="carousel slide" data-ride="carousel">
    <div class="carousel-inner">
      <div class="carousel-item active">
        
        <div class="carousel-caption d-none d-md-block">
          <h2 style="color:dodgerblue">Achievement 1</h2>
        </div>
      </div>
      <div class="carousel-item">
        
        <div class="carousel-caption d-none d-md-block">
          <h2 style="color:dodgerblue">Achievement 2</h2>
        </div>
      </div>
      <div class="carousel-item">
        
```

```

<div class="carousel-caption d-none d-md-block">
<h2 style="color:dodgerblue">Achievement 3</h2>
</div>
</div>
</div>

<a class="carousel-control-prev" href="#achievementCarousel" role="button" data-
slide="prev">

<span class="carousel-control-prev-icon" aria-hidden="true"></span>

<span class="sr-only">Previous</span>

</a>

<a class="carousel-control-next" href="#achievementCarousel" role="button" data-
slide="next">

<span class="carousel-control-next-icon" aria-hidden="true"></span>

<span class="sr-only">Next</span>

</a>
</div>
</div>
</body>
</html>

```

OUTPUT:

Welcome Admission Achievements Alumni

### Achievement Gallery



Achievement 2

Q5) On clicking on Alumni on Focus, create a bootstrap card with images and their short bio and achievements. Add CSS styling to make it more attractive.

CODE:

```
<html>

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Assignment5-Q5 (Ahab Answer)</title>

<link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.1.3/css/bootstrap.min.css">

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></script>

<script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.6/umd/popper.min.js"></script>

<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/4.1.3/js/bootstrap.min.js"></script>

<style>

.alumni-card {

box-shadow: 0 4px 8px rgba(0, 0, 0, 0.2);

border-radius: 10px;

transition: transform 0.2s;

}

.alumni-card:hover {

transform: scale(1.05);

}

.card-img-top {

height: 350px;

object-fit: cover;

border-top-left-radius: 10px;

border-top-right-radius: 10px;

}

.alumni-card img {
```

```
border-top-left-radius: 10px;
border-top-right-radius: 10px;
}
</style>
</head>
<body>
<nav class="navbar navbar-expand-lg navbar-light bg-light">
<div class="container-fluid">
<a class="navbar-brand" href="#">Welcome</a>
<button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-
target="#navbarNav" aria-controls="navbarNav" aria-expanded="false" aria-label="Toggle
navigation">
<span class="navbar-toggler-icon"></span>
</button>
<div class="collapse navbar-collapse" id="navbarNav">
<ul class="navbar-nav">
<li class="nav-item">
<a class="nav-link" href="#alumni">Alumni</a>
</li>
</ul>
</div>
</div>
</nav>
<div class="container mt-4">
<h2 id="alumni">Our Alumni</h2>
<div class="row mt-4">
<div class="col-md-4">
<div class="card alumni-card">

<div class="card-body">
```

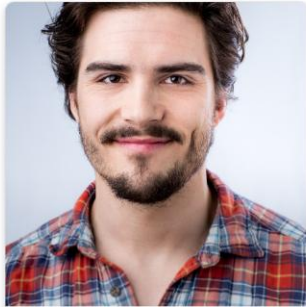
```
<h5 class="card-title">Jhon Doe</h5>
<p class="card-text">B.Tech 2019 Passed Out Placed at Google</p>
</div>
</div>
</div>
<div class="col-md-4">
<div class="card alumni-card">

<div class="card-body">
<h5 class="card-title">Petter</h5>
<p class="card-text">B.Tech 2020 Passed Out Placed at Microsoft</p>
</div>
</div>
</div>
<div class="col-md-4">
<div class="card alumni-card">

<div class="card-body">
<h5 class="card-title">Stephanie</h5>
<p class="card-text">B.Tech 2018 Passed Out Placed at Facebook</p>
</div>
</div>
</div>
</div>
</div>
</body>
</html>
```

OUTPUT:

## Our Alumni



**Jhon Doe**

B.Tech 2019 Passed Out Placed at Google



**Petter**

B.Tech 2020 Passed Out Placed at Microsoft



**Stephanie**

B.Tech 2018 Passed Out Placed at Facebook