Project Report: SUB Student Portal

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Abstract—A student portal acts as an online portal between students and the authority .The system is designed for State University Of Bangladesh. Every student can use this portal . It contains an admin who can see details of students. Students can register here using their ID number. Then they login using their ID password and edit their profile details and image. Using this portal students can complete their Course Registration .

Index Terms—Html,CSS,Boostrap,Php,SQL,Javascript

I. INTRODUCTION

A website is a collection of web pages, thus a portal is a collection of services. The student portal is a gateway to connect many web applications which is useful for doing student activities.This portal is only for State University Of Bangladesh. The portal web page provides access to many applications such as find notice , Course registration and many more . Online student portal is a web application which is useful for students to choose right information.Get access only after his or her registration to the application. Thus a guest user can only view the home page of the web application. After the successful registration using their student ID , the student can make use of the services easily.

Student Web Portal project is developed using PHP, CSS, HTML, and JavaScript. Talking about the project, it has all the essential features required for the management of web portal sites for the students. This project is mostly from the users perspective. The users has full access to the system. In this project, all the main functions are well validated.

II. LITERATURE REVIEW

People in general and even some studies tend not to clearly being aware of the differences between data, information and knowledge (Bigliardi, 2010), data and information in particularare often used as synonymous terms. However, data has no functionality or benefits unlesshuman interpretation is being involved in transferring these data into information that is usefuland has functionality. Furthermore, information aims at reducing the level of uncertainty bymaking people informed and having knowledge about things, from this point it can be said thatinformation is knowledge but not all knowledge is information (Borglund, Engvall, 2014)

III. PROPOSED METHODOLOGY

Project is to maximize access to the information resources required to improve existing teaching and learning practices in education and aims to establish a technologically aware society.SUB Student Portal's frontend is implemented by using HTML, CSS, JavaScript and backend uses PHP and MySQL. There are mainly 2 users in this application admin and student. The features of this application is divided into 9 module. They are,

1) User Module
2) Online Course Registration
3) Public Notice
4) Private Messege
5) Improvement Registration
6) Subject Add / Drop Module
7) Semester Fee Calculation
8) System Settings
9) Backup and Restore

After registration user can update their details like contact number , address ,educational activities.And also share their social media link. Students can register their course for semester . After online registration , Admin check registration form and after checking form admin can approve students registration . In this portal we mainly focused in this registration system. Public Notice is for all students . Non Register use also can read public notice. Private message is only for those students who already registered into SUB Students Portal.Imporovement registraion is for those students who wants to improve their course . We also add (Add/Drop) course system in our SUB Student Portal. For easily calculation weaver and semester fee we add a calculator.System Setting use for control full Portal.Admin can Backup all data for data safety .

IV. PROJECT CODE

In this time, I complete the frontend of this projects.
Linked all external CSS file in all page of this project.

```html
<!-- linking External CSS -->
<link href="assets/css/loader.css" rel="stylesheet" type="text/css" />
<link href="https://fonts.googleapis.com/css?family=Montserrat:300,400,500" rel="stylesheet">
<link rel="stylesheet" type="text/css" href="bootstrap/css/bootstrap.min.css">
<link href="plugins/sliders/owlCarousel/css/owl.carousel.min.css" rel="stylesheet" type="text/css" />
<link href="plugins/sliders/owlCarousel/css/owl.theme.default.min.css" rel="stylesheet" type="text/css" />
<link rel="stylesheet" type="text/css" href="plugins/flaticon/style.css">
<link rel="stylesheet" type="text/css" href="assets/css/pages/landing-page/style.css">
<link rel="stylesheet" type="text/css" href="assets/css/users/user-profile.css">
<link href="assets/css/plugins.css" rel="stylesheet" type="text/css" />
<link href="assets/css/components/portlets/portlet.css" rel="stylesheet" type="text/css" />
<link href="assets/css/apps/mailbox.css" rel="stylesheet" type="text/css" />
<link href="assets/css/users/account-setting.css" rel="stylesheet" type="text/css" />
<link rel="stylesheet" type="text/css" href="plugins/dropify/dropify.min.css">
<link rel="stylesheet" type="text/css" href="plugins/table/datatable/datatables.css">
<link rel="stylesheet" type="text/css" href="plugins/table/datatable/custom_dt_html5.css">
<link href="assets/css/apps/mailbox-read.css" rel="stylesheet" type="text/css">
<link href="assets/css/components/custom-countdown.css" rel="stylesheet" type="text/css">
```

Linked all external JS file in all page of this project.

```html
<!-- linking External Javascript -->
<script src="assets/js/libs/jquery-3.1.1.min.js"></script>
<script src="assets/js/loader.js"></script>
<script src="bootstrap/js/popper.min.js"></script>
<script src="plugins/sliders/owlCarousel/js/owl.carousel.min.js"></script>
<script src="bootstrap/js/bootstrap.min.js"></script>
<script src="assets/js/pages/landing-page/script.js"></script>
<script src="assets/js/users/calendar.js"></script>
<script src="assets/js/users/custom-profile.js"></script>
<script src="assets/js/apps/custom-mailbox.js"></script>
<script src="plugins/dropify/dropify.min.js"></script>
<script src="plugins/bootstrap-tagsinput/bootstrap-tagsinput.min.js"></script>
<script src="plugins/countdown/jquery.countdown.min.js"></script>
<script src="assets/js/components/custom-countdown.js"></script>
```

Some code which are used in profile page in this project.

```html
<div class="col-xl-3 col-lg-6 col-md-6 col-sm-12">
    <div class="search-section mb-4">
        <div class="card" style="">
            <div class="card-body p-0">
                <input type="text" class="form-control" placeholder="Search">
            </div>
        </div>
    </div>
    <div class="profile-info-section mb-4">
        <div class="card" style="">
            <div class="card-body">
                <h4 class="mb-4"><i class="flaticon-user-plus"></i> Profile info</h4>
                <p class="mb-3"><span class="usr-work-position">Studying BSc </span> in <a href="#">CSE</a></p>
                <p class="mb-3"><span class="usr-work-position">Batch </span>No  <a href="#">47</a></p>
                <p class="mb-3"><span class="usr-work-position">Mobile: </span><a href="tel:+88017*****">+88017*****</a> </p>
                <p class="mb-3"><span class="usr-work-position">Email: </span> <a href = "mailto:mdsadi4@mail.com">mdsadi4@gmail.com</a></p>
                <p class="mb-3"><span class="usr-work-position">Lives </span>In <a href="#">Dhanmondi , Dhaka</a></p>

                <p>Joined SUB in 2018</p>
                <div class="social-networks-section mt-5">
                    <h4 class="mb-4">Other Networks</h4>
                    <div class="row">
                        <div class="col-sm-12 text-center">
                            <a href="https://"><div class="btn btn-outline-primary btn-rounded mb-4 mr-2">Facebook</div> </a>
                            <a href="https://"><div class="btn btn-outline-dark btn-rounded mb-4 mr-2">Github</div></a>
                            <a href="https://"><div class="btn btn-outline-info btn-rounded mb-4 mr-2">LinkedIn</div></a>
                        </div>
                    </div>
                </div>
            </div>
        </div>
    </div>
</div>
```

Some code which are used in login page in this project.

```html
<div class="card border-info text-center">

    <div class="card-header">
        Login to SUB Student Portal
    </div>
    <div class="card-body">
        <img src="assets/img/logo.png" class="img-fluid" >
        <h4 class="text-center"> </h4>
        <form action="" class="form-signin" method="post">
            <input type="text" class="form-control mb-2" name="id" placeholder="UserId(Ex:UG02-47-18-020)" value="" required autofocus><br>
            <input type="password" class="form-control mb-2" name="password" placeholder="Password" required> <br>
            <button class="btn btn-lg btn-primary btn-block mb-1" name="submit" type="submit">Login</button>
        </form>
    </div>
    <div class="card-footer">
    <div style="width:100%;height:auto; background:#f3e9e9";padding:2px>
        COPYRIGHT © 2021, SUB Student Portal
    </div>
    </div>
</div>
```

Some code of Registration page in this project.

```html
<div class="well">
<div class="row">
    <div class="col-sm-12 col-md-6">
        <fieldset>
            <div class="form-group">
                <label class="col-md-4 col-xs-6 control-label" for="admission_roll">Student ID </label>
                <div class="col-md-8 col-xs-6 input-group">
                    <input id="admission_roll" name="admission_roll" class="form-control" value="" type="text" placeholder="UG02-47-18-000"  required>
                </div>
            </div>
            <div class="form-group">
                <label class="col-md-4 col-xs-6 control-label" for="batch">Batch</label>
                <div class="col-md-8 col-xs-6 input-group">
                    <input id="batch" name="batch" class="form-control" value="" type="text" required>
                </div>
            </div>
        </fieldset>
    </div>
    <div class="col-sm-12 col-md-6">
        <fieldset>
            <div class="form-group ">
                <label class="col-md-4 col-xs-6 control-label" for="admission_year">Admission Year</label>
                <div class="col-md-8 col-xs-6 input-group">
                    <input id="admission_year" name="admission_year" class="form-control" value="" type="text"  placeholder="2018" required>
                </div>
            </div>
```

Some code which are used in inbox page in this project.

```html
<div class="well">
  <div class="row">
    <div class="col-sm-12 col-md-6">
      <fieldset>
        <div class="form-group">
          <label class="col-md-4 col-xs-6 control-label" for="admission_roll">Student ID </label>
          <div class="col-md-8 col-xs-6 input-group">
            <input id="admission_roll" name="admission_roll" class="form-control" value="" type="text" placeholder="UG02-47-18-000"  required>
          </div>
        </div>
        <div class="form-group">
          <label class="col-md-4 col-xs-6 control-label" for="batch">Batch</label>
          <div class="col-md-8 col-xs-6 input-group">
            <input id="batch" name="batch" class="form-control" value="" type="text" required>
          </div>
        </div>
      </fieldset>
    </div>
  </div>
</div>
```

Some code of Profile update page in this project.

```html
<input type="file" name="picture" class="dropify" data-default-file="assets/img/boo.png" data-max-file-size="2M" />
<p class="mt-2"><i class="flaticon-cloud-upload mr-1"></i> Upload Picture</p>
</div>
<div class="col-lg-8 col-md-7 mt-md-0 mt-4">
    <div class="form">
        <div class="form-group ">
            <label for="name_en">Student Name</label>
            <input id="name_en" name="name_en" class="form-control" value="" type="text" required>
        </div>
        <div class="form-group">
            <label for="admission_roll">Students ID</label>
            <input id="admission_roll" name="admission_roll" class="form-control" value="" type="text" disabled>
            <label for="batch">Batch</label>
            <input id="batch" name="batch" class="form-control" value="" type="text" required>
        </div>

        <div class="form-group">
            <label for="Depertment">Depertment</label>
            <select class="form-control" id="country">
                <option>Select</option>
                <option value="CSE">Computer Science & Engineering </option>
                <option value="Pharmacy">Pharmacy</option>
                <option value="BBA">BBA</option>
                <option value="Architecture">Architecture</option>

            </select>
```

Some code of Profile Left Sideber page in this project.

```html
<div class="profile-info-section mb-4">
    <div class="card" style="">
        <div class="card-body">
            <h4 class="mb-4"><i class="flaticon-user-plus"></i> Profile info</h4>
            <p class="mb-3"><span class="usr-work-position">Studying BSc </span> in <a href="#">CSE</a></p>
            <p class="mb-3"><span class="usr-work-position">Batch </span>No  <a href="#">47</a></p>
            <p class="mb-3"><span class="usr-work-position">Mobile: </span><a href="tel:+88017*****">+88017*****</a> </p>
            <p class="mb-3"><span class="usr-work-position">Email: </span> <a href = "mailto:mdsadi4@gmail.com">mdsadi4@gmail.com</a></p>
            <p class="mb-3"><span class="usr-work-position">Lives </span>In <a href="#">Dhanmondi , Dhaka</a></p>

            <p>Joined SUB in 2018</p>
            <div class="social-networks-section mt-5">
                <h4 class="mb-4">Other Networks</h4>
                <div class="row">
                    <div class="col-sm-12 text-center">
                        <a href="https://"><div class="btn btn-outline-primary btn-rounded mb-4 mr-2">Facebook</div> </a>
                        <a href="https://"><div class="btn btn-outline-dark btn-rounded mb-4 mr-2">Github</div></a>
                        <a href="https://"><div class="btn btn-outline-info btn-rounded mb-4 mr-2">LinkedIn</div></a>
```

Some code of Profile Right Sideber page in this project.

```html
<div class="active-feeds-section mb-4">
    <div class="card" style="">
        <div class="card-body">
            <h4 class="">Educational Activity</h4>

            <div class="media pb-4 pt-4">
                <img class="mr-3" src="assets/img/boo.png" alt="admin-profile">
                <div class="media-body">
                    <h5 class="mt-0"><span class="usr-commented">Khaled Saifullah Sadi</span> <br>  is now studying CSE from  <span class="comment-topic">State University Of Bangladesh</span> </h5>
                    <p class="meta-time">2018 - Present</p>
                </div>
            </div>
            <div class="media pb-4 pt-4">
                <img class="mr-3" src="assets/img/boo.png" alt="admin-profile">
                <div class="media-body">
                    <h5 class="mt-0"><span class="usr-commented">Khaled Saifullah Sadi</span> <br> passed H.S.C on  2016 wlth  GPA - 5.0 from <span class="comment-topic">NDCM</span> </h5>
                </div>
            </div>
            <div class="media pb-4 pt-4">
                <img class="mr-3" src="assets/img/boo.png" alt="admin-profile">
                <div class="media-body">
                    <h5 class="mt-0"><span class="usr-commented">Khaled Saifullah Sadi</span> <br> passed S.S.C on  2016 with  GPA - 5.0 from <span class="comment-topic">Nazrul Academy Govt. School</span> </h5>
                </div>
            </div>
        </div>
    </div>
</div>
```

Some code of Footer page in this project.

```html
<style>
        .footers{
            background-color: #000000;
            color: white;
            padding-top: 10px;
            padding-bottom: 10px;
            text-align:center;
        }
</style>


<footer class="footers text-center col-sm-12">
    <b>© 2021 SUB Students Portal</b>
</footer>
```

V. Some Output Of This Project

Output of Login page for this project

Registration page for this project

Profile page for this project

More from Profile page for this project

Inbox/Private Notice page for this project

Profile Update page for this project

VI. Conclusion and Future Work

SUB Students Portal can be used by educational institutions to maintain their student records easily. Achieving this objective is difficult using the manual system as the information is scattered, can be redundant, and collecting relevant information may be very time-consuming.

In future , we add more features in this SUB Students Portal likes Result,Community forum and many more. In future we add all department students in this portal.