

FEATURE ADDITION FOR VTOP

PROJECT REPORT

Submitted in fulfilment for the J-Component of ITE1008 – Open Source Programming

CAL COURSE

in

B.Tech. (Information Technology)

by

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SITE



VIT[®]
Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)

School of Information Technology and Engineering

Winter Semester 2020-2021

TABLE OF CONTENTS

CHAPTER NO.	TITLE	PAGE NO.
1.	Abstract	3
2.	Introduction	3
3.	Problem Statement	3
4.	Process Flow Diagram	4
5.	Modules	6
6.	ER Diagram	8
7.	Database Design	9
8.	Conclusion	10
9.	References	10
10.	Snapshots	11
11.	Source Code	16

1. Abstract:

We know that Vtop is an efficient college website dedicated to Students, Teachers, and Alumni. In this project we are automating some basic activities which are done manually in VIT (Vellore Institute of Technology) Vellore. We tried to automate activities such as late-night permission, room maintenance, teacher appointments. All the activities which we are automating saves a lot of resources to VIT and saves the user's time. We may also add a better events page where you can download templates for letters which are officially used in VIT for example Bonafide certificate letter, Apology letter formats. Where one can use these formats to edit and mail them to respective authorities which saves resources such as paper and also writing time. The main purpose of all these automations is to save a lot of paper used to do these activities. These automations are theoretically proven beneficial in a university scenario and saves some cost of revenue for the university as well. With these automations to Vtop, Vit can just discard a lot of registers.

2. Introduction:

VTOP being an optimal website it has its own backdrops. For starters there can be a numerous addition to VTOP, change in UI to make it student friendly and much more. Considering these issues, we came with a few features to add to VTOP to make some of the physical works automated. Such as adding a student appointment module helps students to meet teachers at a fixed time and there, we will eliminate all the time students wait in front of empty cabins. This synchronizes teachers with students as well as students with teachers in the same way. The second feature we can add is room maintenance feature where the student can raise a ticket for the room service being it to be an electrical issue or for cleaning purpose. By 8 am every morning the database of the room services will be updated and the list of required services will be issued to staff to engage in their works. These features eliminate the use of paper resources too and saves a lot of time. To make this possible we used php in our project in order to achieve the database operations and took a little help from bootstrap for the frontend. Used JavaScript for some dynamic operations in the frontend.

3. Problem Statement:

Automating some of the physical activities processed in Vit using Vtop. The activities such as issuing a slip for late night permission in the library, writing details of one's room in a register to get their room cleaned, remembering formats of letters given to different offices in Vit, meeting a professor without any knowledge whether the professor was free or not.

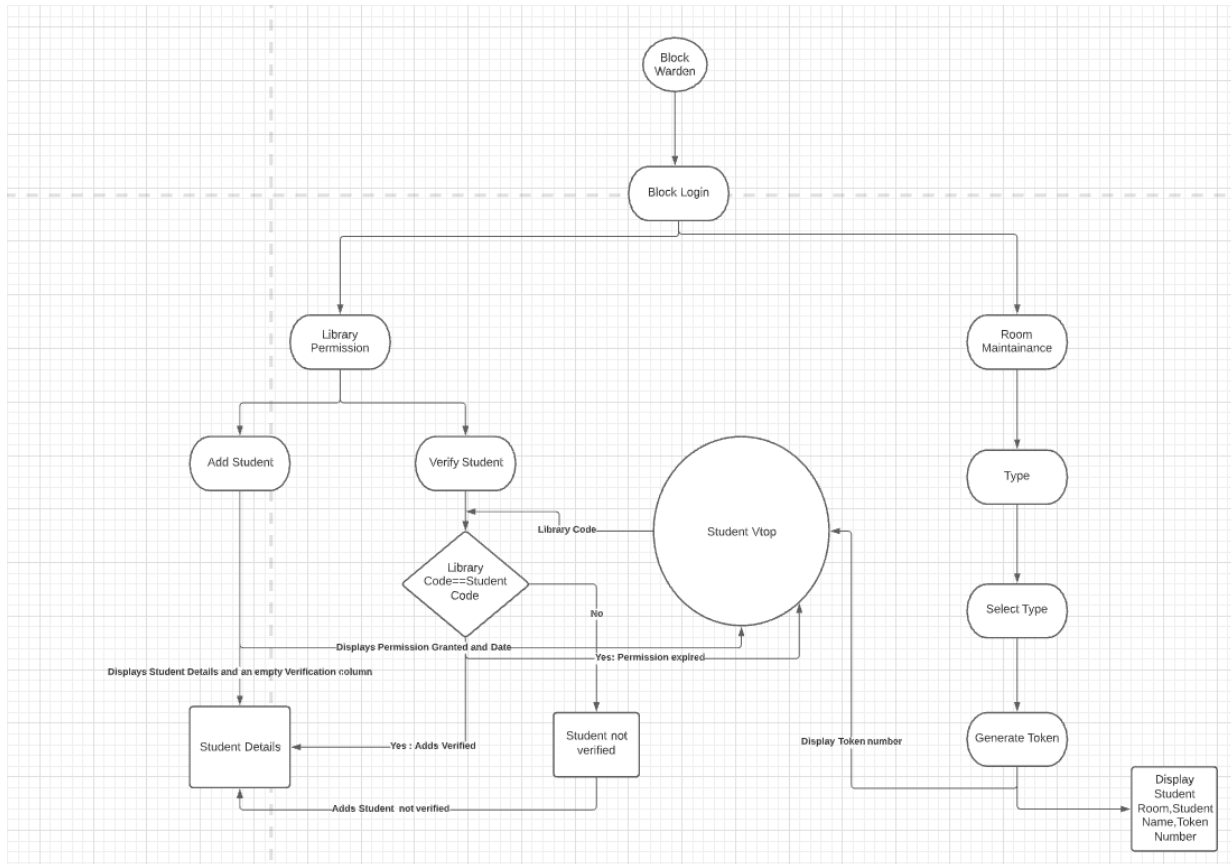
Reason for choosing this Topic?

We chose this topic, because we thought that we can automate some of the fields where Vit is still using old school methods like maintaining physical records where there is no necessity of them for a long run. Places where slips are issued for student authentication can be changed

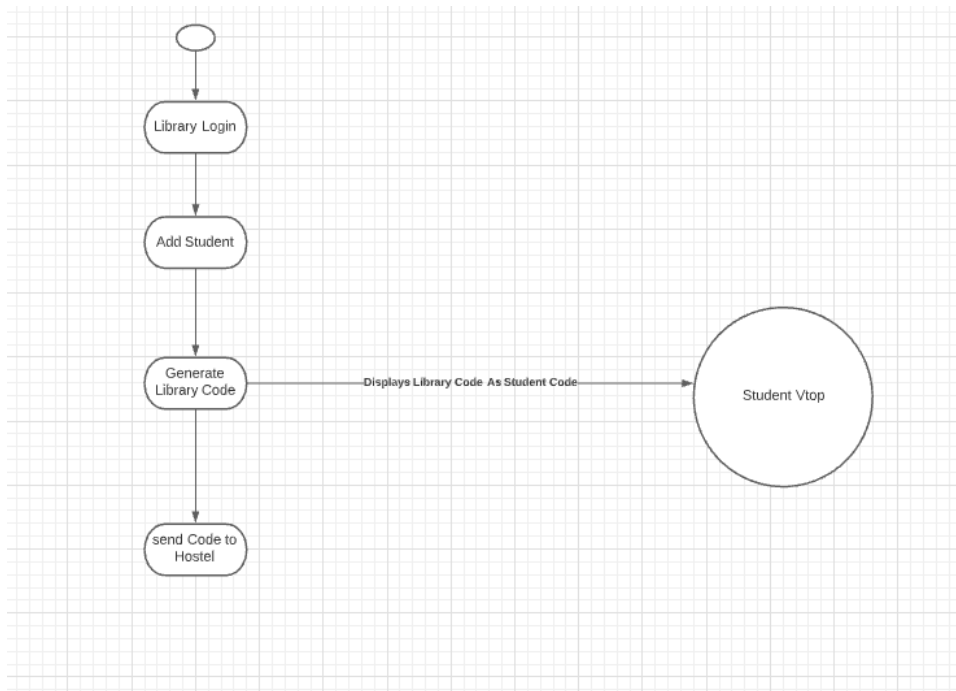
using the proposed system. This system saves a lot of paper and ensures contact less processing which is very crucial in the current world scenario.

4. Process Flow Diagram:

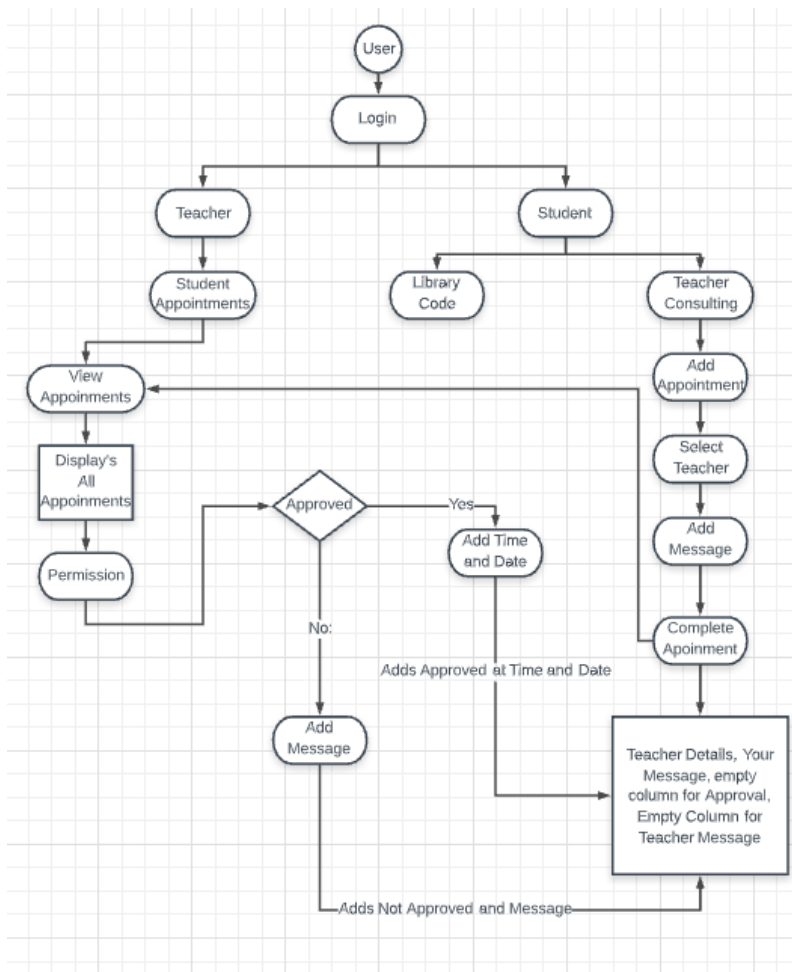
Hostel System



Library system



Teacher appointment



5. Modules

The main users of these systems Students of Vit, Hostel staff, Library Management

a. Hostel System:

- **Block Login Module:** Gives the hostel system the functionality of maintaining different records for each block.
- **Add Student Module:** Adds the student information such as registration number, Name, and an empty verification column and an invisible library code column for storing library code of the particular student sent by the library.
- **Verify Student Module:** Verifies student who went to library by comparing the code issued by the library to student and library code sent by library to hostel to verify that the student has visited the library and returned after allowed time only.

- **Maintenance Module:** Gives functionality to the hostel system of maintaining maintenance records of the hostel block.
- **Token Generation Module:** This module helps the hostel System to generate token numbers for students for their maintenance.

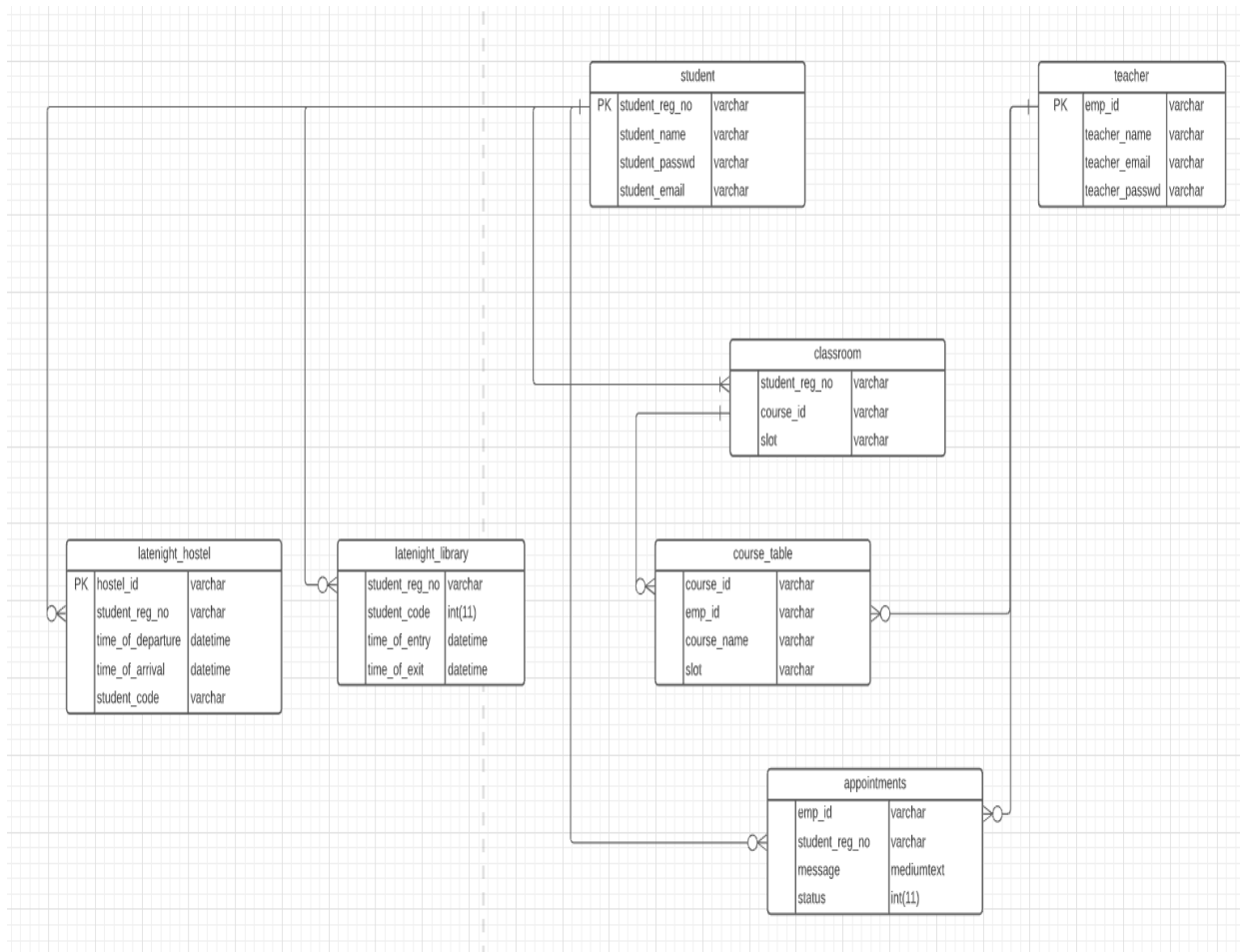
b. Library System:

- **Add Student Module:** Adds the student information registration number, name, code which is generated by Generate code Module. This Module also sends Student code to respective Hostels.
- **Generate code Module:** This Module helps the Library System to generate code to the particular student.

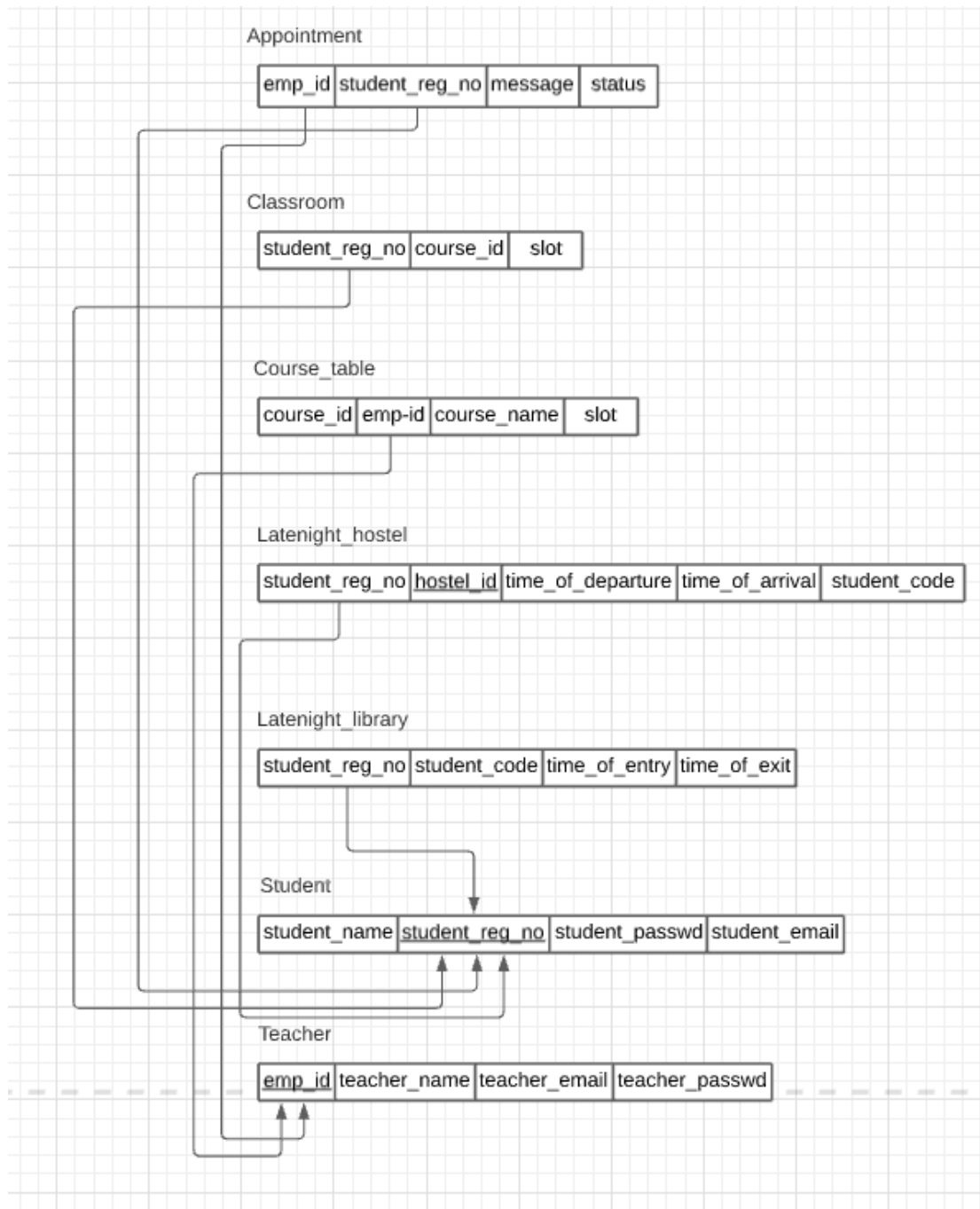
c. Teacher Appointment:

- **Login Module:** Login Module helps to maintain different databases for different users of the teacher appointment system.
- **Appointments Module:** This module helps to maintain all the appointments received by the teachers.
- **Permission Module:** This Module handles the teacher's input whether the teacher wants to give permission for an appointment or not.
- **Teacher Consulting Module:** This Module handles the Student's input from selecting the teacher to sending the appointment request to teacher.
- **Appointment submission Module:** This module handles the user input to choose whether to approve the appointment request or not which gives the teacher Consulting Module to send the appointment request to the teacher.

6. ER Diagram



7. Database Design



8. Conclusion

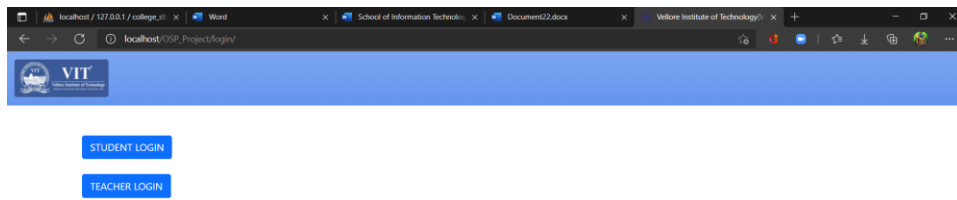
These features can make a great addition to VTOP where students and teachers both get benefits. The UI changes make it more flexible to access the most used features. These additions also automate the physical process like having slips for Latenight permission, asking for permission and visiting the teacher later, going to hostel management room every time for registering a room service request. We can also add so many features in Vtop like a templates page, automatic email generator...etc. The options are endless for every need. Finally i conclude that Vtop can have a lot of features and we think we made some of the important features and added to it.

9. References

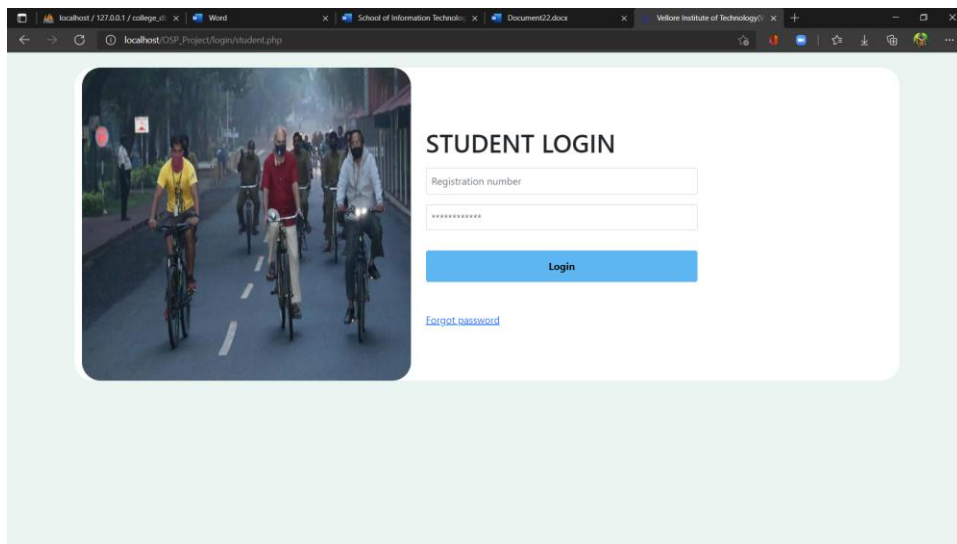
- We used all the materials uploaded by Prof Jayakumar sadha Shivam
- YouTube
- W3 schools
- TutorialsPoint

10. Snapshots

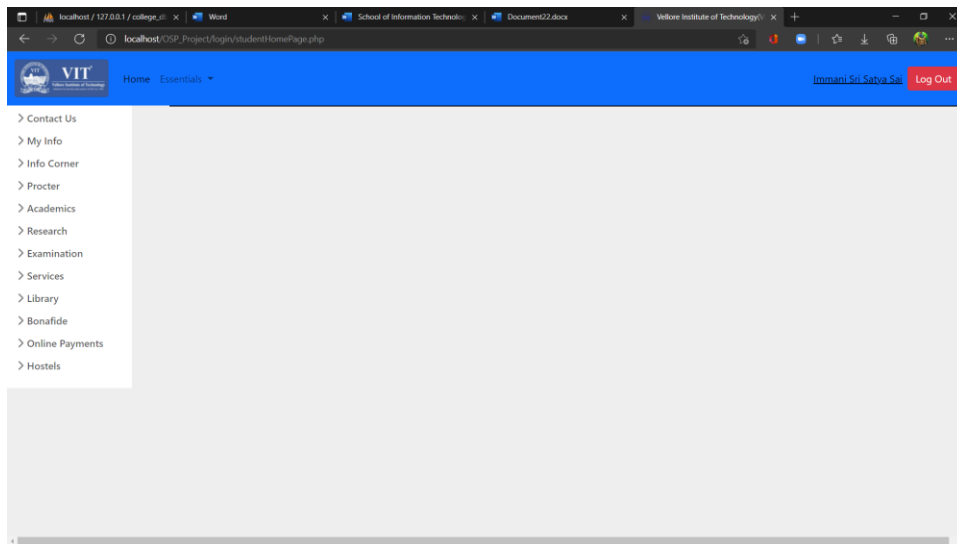
Home page



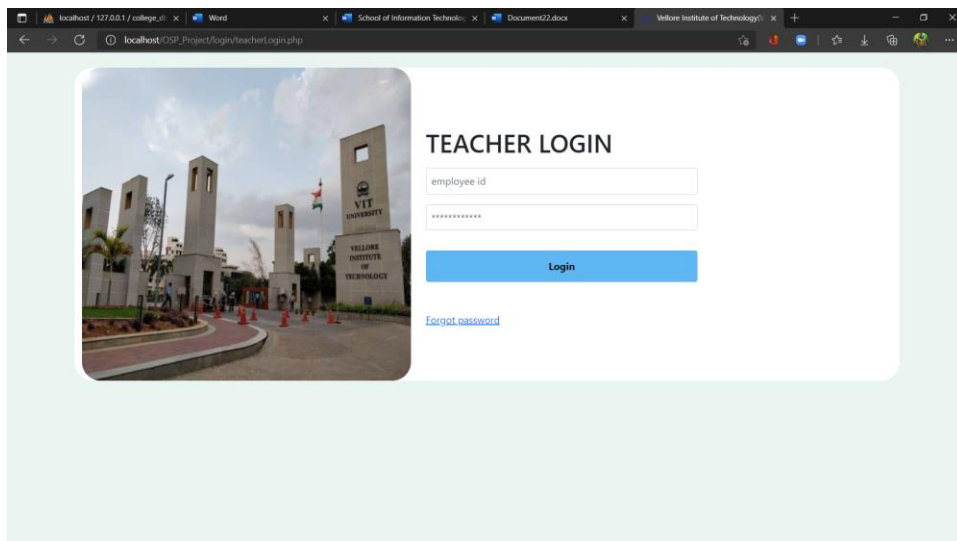
Student Login



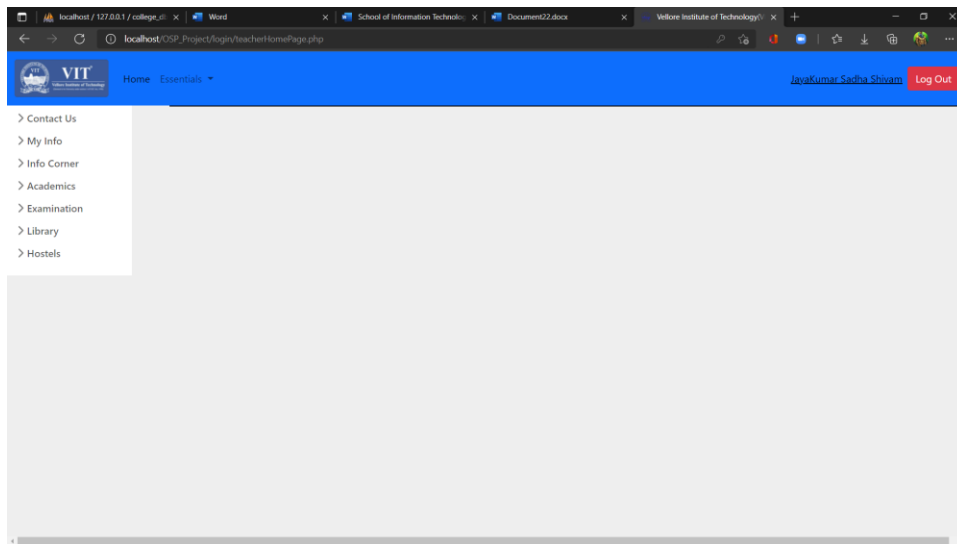
Student Home Page



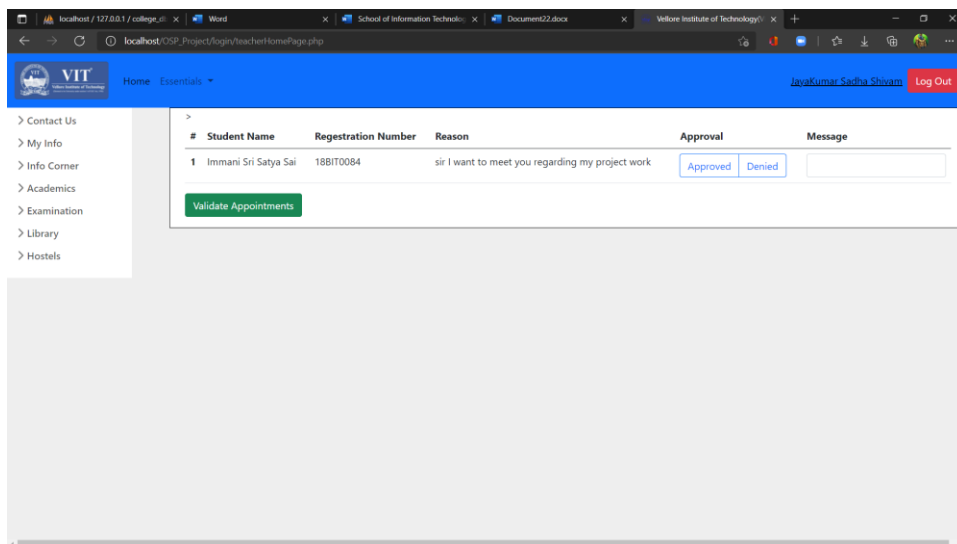
Teacher login



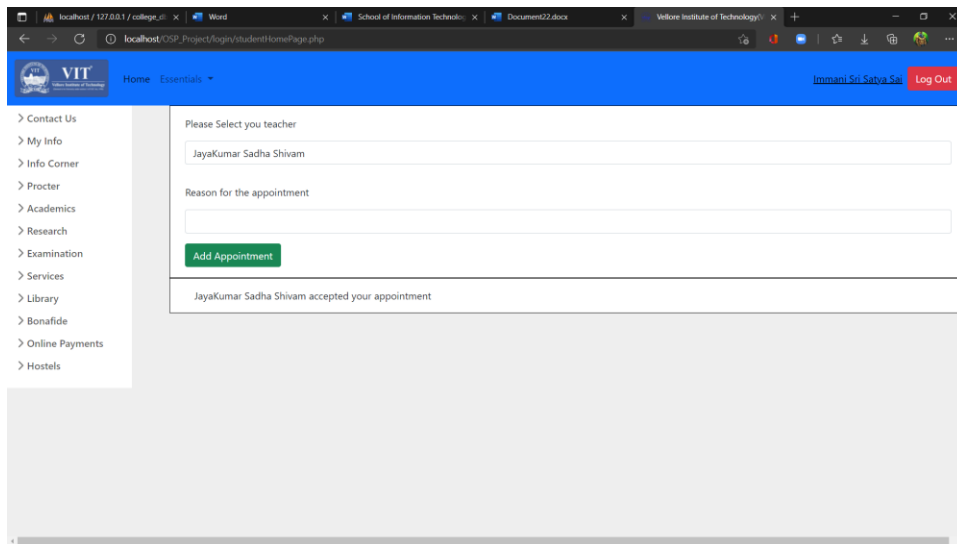
Teacher homepage



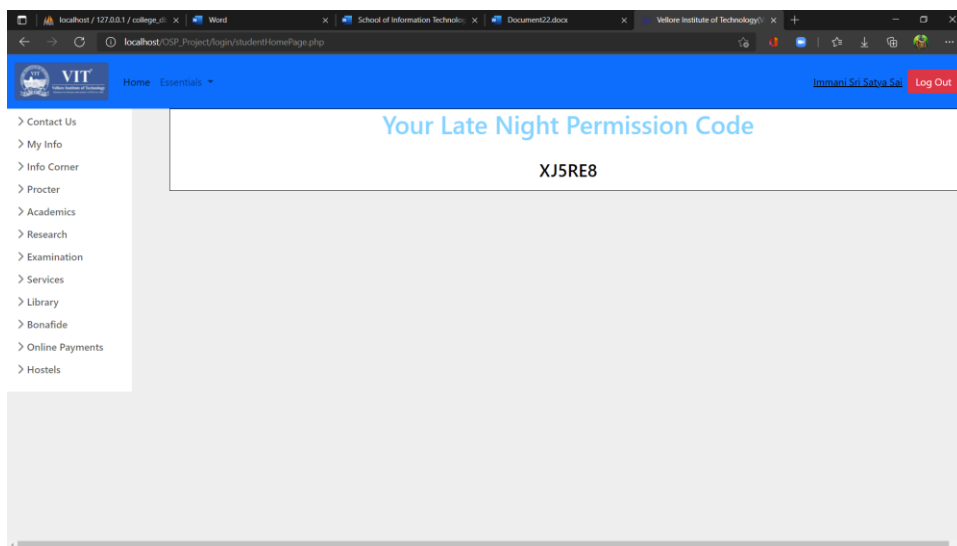
Student appointments on teacher side



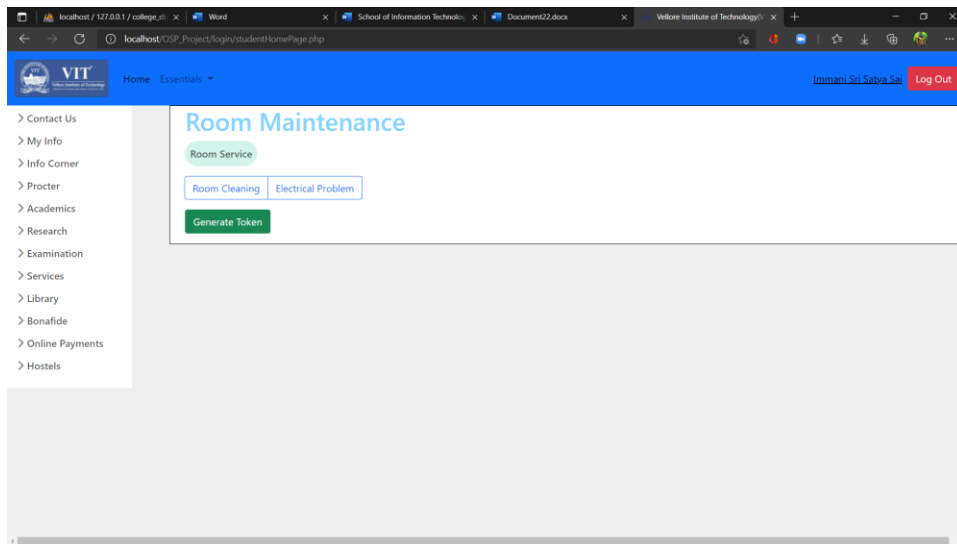
Student appointments on student side



Late night permission on student side



Room service on student side



11.Source code

Full code available on the Github Repository Code:

[OSP_Project/login at main · Satya5122/OSP_Project \(github.com\)](https://github.com/Satya5122/OSP_Project)

StudentHomePage:

```
<?php
include('user_data.php');
?>

<?php //teachers list
    $teacher_names=array();
    $query="select * from classroom where student_reg_no='$student_id'";
    $course_result=mysqli_query($con,$query);
    while($row=mysqli_fetch_array($course_result))
    {
        $course_id= $row['course_id'];
        $slot=$row['slot'];
        $query="select emp_id from course_table where slot='$slot' AND
course_id='$course_id'";
        $teacher_id_result=mysqli_query($con,$query);
        $teacher_id=mysqli_fetch_array($teacher_id_result)['emp_id'];

        $query="select teacher_name from teacher where emp_id='$teacher_id'";
        $teacher_name_result=mysqli_query($con,$query);
        $teacher_name=mysqli_fetch_array($teacher_name_result)['teacher_name'];
        $num_rows=array_push($teacher_names,$teacher_name);

    }
```



```

?>

<!doctype html>

<html lang="en">

<head>

    <!-- Required meta tags -->

    <meta charset="utf-8">

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


    <!-- Bootstrap CSS -->

    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-
beta3/dist/css/bootstrap.min.css" rel="stylesheet"

        integrity="sha384-
eOJMYsd53ii+sc0/bJGFsiCZc+5NDVN2yr8+0RDqr0Ql0h+rP48ckxlpbzKgwra6"
crossorigin="anonymous">

    <link rel="stylesheet" href="css/style.css">

    <title>

        Vellore Institute of Technology(VIT)

    </title>

    <link rel="icon" type="image/png" href="images/vitlogo.png">


    <script src="https://code.jquery.com/jquery-3.6.0.min.js"

        integrity="sha256-/xUj+30JU5yExlq6GSYGSHk7tPXikynS7ogEvDej/m4="
crossorigin="anonymous"></script>

    <style>

        .tab_content {

            background: white;

            border: 1px solid black;

```

```
}
```

```
.bd-placeholder-img {  
    font-size: 1.125rem;  
    text-align: middle;  
    -webkit-user-select: none;  
    -moz-user-select: none;  
    user-select: none;  
}
```

```
@media (min-width: 768px) {  
    .bd-placeholder-img-lg {  
        font-size: 3.5rem;  
    }  
}
```

```
#student_name{  
    color:black;  
}
```

```
</style>
```

```
<link href="css/sidebar.css" rel="stylesheet">
```

```
<script>
```

```
$(document).ready(function () {  
    $(".hide_this").hide();  
  
    $show_class="<?php  
    $con=mysqli_connect('localhost','root','','college_db');  
    $query="select page_name from active_page where status=1";  
    $result=mysqli_query($con,$query);
```

```

        $value=mysqli_fetch_array($result);
        if($value!="")
        {
            echo $value['page_name'];
        }
        else
        {
            echo "main_tab";
        }
        ?>";
        $(".content .tab_content").hide();
        $(". "+$show_class).show();

    });
</script>
<!-- <script>
function change_to_library_permission() {
    document.getElementById("content_container_element").innerHTML=('');
}
</script> -->

</head>
<style>
input{
    background-color: WHITE;
}

```

```

</style>

<body>
<nav class="navbar navbar-expand-lg navbar-light bg-primary">
    <div class="container-fluid">
        <a href="#" class="navbar-brand"></a>
        <button class="navbar-toggler" type="button" data-bs-
toggle="collapse"
            data-bs-target="#navbarSupportedContent" aria-
controls="navbarSupportedContent" aria-expanded="false"
            aria-label="Toggle navigation">
            <span class="navbar-toggler-icon"></span>
        </button>
        <div class="collapse navbar-collapse" id="navbarSupportedContent">
            <ul class="navbar-nav me-auto mb-2 mb-lg-0">
                <li class="nav-item">
                    <a class="nav-link active home" aria-current="page"
href="home_page_student.php">Home</a>
                </li>
                <li class="nav-item dropdown">
                    <a class="nav-link dropdown-toggle" href="#"
id="navbarDropdown" role="button"
                        data-bs-toggle="dropdown" aria-expanded="false">
                        Essentials
                    </a>

```

```

        <ul class="dropdown-menu" aria-
labelledby="navbarDropdown">
            <li><a class="dropdown-item" href="#">Digital
Assignments</a></li>
            <li><a class="dropdown-item" href="#">Course
Page</a></li>

            <li>
                <hr class="dropdown-divider">
            </li>
            <li class="sidebar-data teacher_appointment_element"
contentFrom="teacher_appointment"><form class="dropdown-item"
action="action.php">
                <input style="border-style: none; " type="submit"
value="Teacher Appoinment">
            </form></li>

            <li>
                <hr class="dropdown-divider">
            </li>

            <li class="sidebar-data" contentFrom="latenight-
permission"><form class="dropdown-item" action="action_latenight.php">
                <input style="border-style: none; " type="submit"
value="Late Night Permission">
            </form></li>
            <li class="sidebar-data" contentFrom="room-
service"><form class="dropdown-item" action="action_roomservice.php">
                <input style="border-style: none; " type="submit"
value="Room Service">

```

```

        </form></li>
    </ul>
</li>

</ul>

<?php
echo "<a class='p-2' style='color:black;'" . $student_name . "</a>"
"
?>

<a href="logout.php" > <button class="btn btn-danger" > Log Out
</button></a>

<!--<form class="d-flex">
    <input class="form-control me-2" type="search"
placeholder="Search" aria-label="Search">
    <button class="btn btn-outline-success"
type="submit">Search</button>
</form-->
</div>
</div>
</nav>
<div class="row">
    <div class="col-2">
        <div class="sidebar">
            <div class="p-1 bg-white" style="width: 200px; float: left;">

                <ul class="list-unstyled ps-0">

```

```

        <li class="mb-1">
            <button class="btn btn-toggle align-items-center
rounded collapsed"
                data-bs-toggle="collapse" data-bs-
target="#contactUs-collapse" aria-expanded="false">
                Contact Us
            </button>
            <div class="collapse" id="contactUs-collapse">
                <ul class="btn-toggle-nav list-unstyled fw-normal
pb-1 small">
                    <li><a href="#" class="link-dark
rounded">Email</a></li>
                    <li><a href="#" class="link-dark
rounded">Phone</a></li>
                    <li><a href="#" class="link-dark
rounded">Website</a></li>
                    <li><a href="#" class="link-dark
rounded">Social Media</a></li>
                </ul>
            </div>
        </li>
        <li class="mb-1">
            <button class="btn btn-toggle align-items-center
rounded collapsed"
                data-bs-toggle="collapse" data-bs-
target="#dashboard-collapse" aria-expanded="false">
                My Info
            </button>
            <div class="collapse" id="dashboard-collapse">
                <ul class="btn-toggle-nav list-unstyled fw-normal
pb-1 small">
                    <li><a href="#" class="link-dark
rounded">Profile</a></li>

```

```

<li><a href="#" class="link-dark
rounded">Your Credentials</a></li>

<li><a href="#" class="link-dark rounded">Day
Boarder Info</a></li>

<li><a href="#" class="link-dark
rounded">Acknowledgement view</a></li>

<li><a href="#" class="link-dark
rounded">Student Bank Info</a></li>

<li><a href="#" class="link-dark
rounded">Digital ipad credentials</a></li>

</ul>
</div>
</li>
<li class="mb-1">
<button class="btn btn-toggle align-items-center
rounded collapsed"
data-bs-toggle="collapse" data-bs-
target="#infoCorner-collapse" aria-expanded="false">
Info Corner
</button>
<div class="collapse" id="infoCorner-collapse">
<ul class="btn-toggle-nav list-unstyled fw-normal
pb-1 small">

<li><a href="#" class="link-dark
rounded">FAQ</a></li>

<li><a href="#" class="link-dark
rounded">SpotLight</a></li>

<li><a href="#" class="link-dark
rounded">View Circulars</a></li>

</ul>

```



```

        </div>
    </li>
    <li class="mb-1">
        <button class="btn btn-toggle align-items-center
rounded collapsed"
        data-bs-toggle="collapse" data-bs-
target="#procter-collapse" aria-expanded="false">
            Procter
        </button>
        <div class="collapse" id="procter-collapse">
            <ul class="btn-toggle-nav list-unstyled fw-normal
pb-1 small">
                <li><a href="#" class="link-dark
rounded">Procter Details</a></li>
                <li><a href="#" class="link-dark
rounded">Message from procter</a></li>

            </ul>
        </div>
    </li>
    <li class="mb-1">
        <button class="btn btn-toggle align-items-center
rounded collapsed"
        data-bs-toggle="collapse" data-bs-
target="#Academics-collapse" aria-expanded="false">
            Academics
        </button>
        <div class="collapse" id="Academics-collapse">
            <ul class="btn-toggle-nav list-unstyled fw-normal
pb-1 small">
                <li><a href="#" class="link-dark rounded">HOD
and Dean Info</a></li>

```

rounded">Faculty Info	<a href="#" class="link-dark
rounded">Biometric Info	<a href="#" class="link-dark
rounded">Class Message	<a href="#" class="link-dark
rounded">Regulation	<a href="#" class="link-dark
Curriculum	My
rounded">Minor/Honour	<a href="#" class="link-dark
rounded">Time Table	<a href="#" class="link-dark
rounded">Course Option Change	<a href="#" class="link-dark
rounded">Course Withdraw	<a href="#" class="link-dark
rounded">Class Attendance	<a href="#" class="link-dark
rounded">Industrial Internship	<a href="#" class="link-dark
rounded">Project	<a href="#" class="link-dark
View	QCM
Conference Regestration	SET
Extra Curricular	Co-
rounded">Wishlist Regestration	<a href="#" class="link-dark
rounded">Academic Calendar	<a href="#" class="link-dark

```

        </ul>
    </div>
</li>
<li class="mb-1">
    <button class="btn btn-toggle align-items-center
rounded collapsed"
        data-bs-toggle="collapse" data-bs-
target="#Research-collapse" aria-expanded="false">
        Research
    </button>
    <div class="collapse" id="Research-collapse">
        <ul class="btn-toggle-nav list-unstyled fw-normal
pb-1 small">
            <li><a href="#" class="link-dark rounded">My
Search Profile</a></li>
            <li><a href="#" class="link-dark rounded">SEM
Request</a></li>
            <li><a href="#" class="link-dark
rounded">Course Work Registration</a></li>
            <li><a href="#" class="link-dark
rounded">Registration Status</a></li>
            <li><a href="#" class="link-dark
rounded">Meeting Info</a></li>
            <li><a href="#" class="link-dark
rounded">Attendance View</a></li>
            <li><a href="#" class="link-dark
rounded">ScholarLeave Request</a></li>
            <li><a href="#" class="link-dark
rounded">Research Letters</a></li>

        </ul>
    </div>

```

```

        </div>
    </li>
    <li class="mb-1">
        <button class="btn btn-toggle align-items-center
rounded collapsed"
        data-bs-toggle="collapse" data-bs-
target="#Examination-collapse" aria-expanded="false">
            Examination
        </button>
        <div class="collapse" id="Examination-collapse">
            <ul class="btn-toggle-nav list-unstyled fw-normal
pb-1 small">
                <li><a href="#" class="link-dark
rounded">Exam Schedule</a></li>
                <li><a href="#" class="link-dark
rounded">Marks</a></li>
                <li><a href="#" class="link-dark
rounded">Grades</a></li>
                <li><a href="#" class="link-dark
rounded">Paper See/Rev</a></li>
                <li><a href="#" class="link-dark
rounded">Grade History</a></li>
                <li><a href="#" class="link-dark
rounded">Project File Upload</a></li>
                <li><a href="#" class="link-dark
rounded">MOOC File Upload</a></li>
                <li><a href="#" class="link-dark rounded">ECA
File Upload</a></li>
                <li><a href="#" class="link-dark rounded">EPT
Schedule</a></li>
                <li><a href="#" class="link-dark
rounded">Comprehensive</a></li>
                <li><a href="#" class="link-dark
rounded">Arrear Details</a></li>

```

```

<li><a href="#" class="link-dark rounded">Re-
Exam Application</a></li>

</ul>
</div>
</li>
<li class="mb-1">
<button class="btn btn-toggle align-items-center
rounded collapsed"
data-bs-toggle="collapse" data-bs-
target="#Services-collapse" aria-expanded="false">
Services
</button>
<div class="collapse" id="Services-collapse">
<ul class="btn-toggle-nav list-unstyled fw-normal
pb-1 small">
<li><a href="#" class="link-dark rounded">PAT
Registration</a></li>
<li><a href="#" class="link-dark
rounded">Online Book Recommendation</a></li>
<li><a href="#" class="link-dark
rounded">Transcript Request</a></li>
<li><a href="#" class="link-dark
rounded">Achievements</a></li>
<li><a href="#" class="link-dark
rounded">Programme Migration</a></li>
<li><a href="#" class="link-dark
rounded">Late Hour Request</a></li>
<li><a href="#" class="link-dark
rounded">Final Year Registration</a></li>
<li><a href="#" class="link-dark rounded">SAP
Application</a></li>

```

```

<li><a href="#" class="link-dark
rounded">Fresher Certificate Upload</a></li>

</ul>
</div>
</li>
<li class="mb-1">
<button class="btn btn-toggle align-items-center
rounded collapsed"
data-bs-toggle="collapse" data-bs-
target="#Library-collapse" aria-expanded="false">
Library
</button>
<div class="collapse" id="Library-collapse">
<ul class="btn-toggle-nav list-unstyled fw-normal
pb-1 small">
<li><a href="#" class="link-dark
rounded">Scanning Request</a></li>
<li><a href="#" class="link-dark rounded">My
Keys</a></li>

</ul>
</div>
</li>
<li class="mb-1">
<button class="btn btn-toggle align-items-center
rounded collapsed"
data-bs-toggle="collapse" data-bs-
target="#Bonafide-collapse" aria-expanded="false">
Bonafide

```

```

        </button>
        <div class="collapse" id="Bonafide-collapse">
            <ul class="btn-toggle-nav list-unstyled fw-normal
pb-1 small">
                <li><a href="#" class="link-dark
rounded">Apply Bonafide</a></li>

            </ul>
        </div>
    </li>

    <li class="mb-1">
        <button class="btn btn-toggle align-items-center
rounded collapsed"
            data-bs-toggle="collapse" data-bs-
target="#Online-Payments-collapse"
            aria-expanded="false">
            Online Payments
        </button>
        <div class="collapse" id="Online-Payments-collapse">
            <ul class="btn-toggle-nav list-unstyled fw-normal
pb-1 small">
                <li><a href="#" class="link-dark
rounded">Apply Bonafide</a></li>

            </ul>
        </div>
    </li>
    <li class="mb-1">

```

```

        <button class="btn btn-toggle align-items-center
rounded collapsed"
        data-bs-toggle="collapse" data-bs-
target="#Hostel-collapse" aria-expanded="false">
        Hostels
    </button>
    <div class="collapse" id="Hostel-collapse">
        <ul class="btn-toggle-nav list-unstyled fw-normal
pb-1 small">
            <li class="sidebar-data"
contentFrom="registration-hostel"><a href="#"
            class="link-dark rounded ">Fresher
Hostel Registration</a></li>
            <li class="sidebar-data" contentFrom="leave-
request"><a href="#"
            class="link-dark rounded ">Leave
Request</a></li>
            <li><a href="#" class="link-dark
rounded">Mess Selection 2021-2022</a></li>
            <li><a href="#" class="link-dark
rounded">Mess Change</a></li>
            <li><a href="#" class="link-dark
rounded">Fall 19-20 Room-Details</a></li>

        </ul>
    </div>
</li>
<!-- <li class="border-top my-3"></li>-->

</ul>
</div>

```



```
</div>
```

```
</div>
```

```
<div class="content col-10">
```

```
    <div class="tab_content main_tab">
```

```
        <div class="container">
```

```
            </div>
```

```
        </div>
```

```
        <!--This is teacher appointment-->
```

```
        <div class="tab_content teacher_appointment">
```

```
            <div class="container">
```

```
                <form method="POST" action='add_appointment.php' >
```

```
                    <label class="py-3" type="form-label" for="select-  
teacher">Please Select you teacher</label>
```

```
                    <?php
```

```
                        echo "<input class='hide_this' value='$student_id'  
name='student_id_data'></input>";
```

```
                    ?>
```

```
                    <div class="input-group mb-3" id="select-teacher">
```

```
<select name='teacher_name_selection' class="custom-select form-control"  
style="width:150px;">
```

```
    <?php
```

```
    for($i=0;$i<$num_rows;$i++)
```

```
    {
```

```
        echo "<option>$teacher_names[$i]</option>";
```

```
    }
```

```

        ?>

        </select>

    </div>

    <label class="py-3" for="reason" type="form-label">Reason
for the appointment</label>

    <input class="form-control mb-3" type="text"
name="reason">

    <button type="submit" class="btn btn-success mb-3">Add
Appointment</button>

</form>

</div>

</div>

<div style="padding: 15px" class="tab_content teacher_appointment">
<div class="container">
    <?php

        $query="select * from appointments where
student_reg_no='$student_id'";

        $result=mysqli_query($con,$query);

        if(!$result)
        {
            echo "";
        }
        else
        {
            while($row=mysqli_fetch_array($result))

```

```

        {

            $emp_id_of_teacher=$row['emp_id'];

            $query="select teacher_name from teacher where
emp_id='$emp_id_of_teacher'";

            $temp=mysqli_query($con,$query);

            $teacher_name=mysqli_fetch_array($temp)['teacher_name'];

            if($row['status']==1)
            {
                echo "$teacher_name accepted your
appointment"."<br>";
            }
            else if($row['status']==-1)
            {
                echo "$teacher_name, did not accept your
appointment"."<br>";
            }

        }

    }

    ?>

</div>

</div>

<!--this is late night permission-->

<div class="tab_content latenight-permission">

    <div class="container">

        <h1 style="text-align:center; color:rgba(1, 162, 255,
0.479);">

```

```

        Your Late Night Permission Code
    </h1>
    <br>
    <h3>
        <p id="permission-code" style="text-align:center;color:black">XJ5RE8</p>
    </h3>
</div>
</div>
<!--This is Room maintenance-->
<div class="tab_content room-service">
    <div class="container">
        <form method="POST">
            <h1 Style="text-align:left; color:rgba(1, 162, 255, 0.479);">Room Maintenance</h1>
            <label class="py-2 mb-3" type="form-label" for="room-maintenance" style="background-color: #d2f4ea;align-items: center; padding: .25rem .5rem;font-weight: 600;color: rgba(0, 0, 0, .65);border-radius: 30px;">Room
                Service</label>
            <div class="input-group mb-3" id="room-maintenance">
                <div class="btn-group" role="group">
                    <input type="checkbox" class="btn-check"
id="room-service-room-cleaning"
                        autocomplete="off">
                    <label class="btn btn-outline-primary" for="room-service-room-cleaning">Room
                        Cleaning</label>
                    <input type="checkbox" class="btn-check"
id="room-service-electrical-problem"

```

```

        autocomplete="off">
        <label class="btn btn-outline-primary" for="room-
service-electrical-problem">Electrical
        Problem</label>

    </div>
</div>
<input type="submit" class="btn btn-success mb-3"
value="Generate Token">
    </form>
</div>
</div>
</div>

</div>

```

```

<!-- Optional JavaScript; choose one of the two! -->

```

```

<!-- Option 1: Bootstrap Bundle with Popper -->

```

```

    <script src=" https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-beta3/dist/js/bootstrap.bundle.min.js"
        integrity="sha384-
JEW9xMcG8R+ph31jmWH6WWP0WintQrMb4s7Z0dauHnUtxwoG2vI5DkLtS3qm9Ekf"
        crossorigin="anonymous">

    </script>

    <script src="https://code.jquery.com/jquery-3.6.0.min.js"
        integrity="sha256-/xUj+30JU5yExlq6GSYGSHk7tPXikynS7ogEvDej/m4="
        crossorigin="anonymous"></script>

    <!-- Option 2: Separate Popper and Bootstrap JS -->

    <!--

    <script
src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.9.1/dist/umd/popper.min.js"
integrity="sha384-
SR1sx49pcuLnqZUnnPwx6FCym0wLsk5JZuNx2bPPENzswTNFaQU1RDvt3wT4gWFG"
crossorigin="anonymous"></script>

    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-beta3/dist/js/bootstrap.min.js" integrity="sha384-
j0CNLUeiqtyaRmlzUHCPZ+Gy5fQu0dQ6eZ/xAww941Ai1SxSY+0EQqNXNE6DZiVc"
crossorigin="anonymous"></script>

    -->

</body>

</html>

```