



**A REPORT ON**  
**“ONLINE LEAVE APPLICATION SYSTEM”**  
SUBMITTED TO THE SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE  
IN THE PARTIAL FULFILLMENT OF THE REQUIREMENT FOR  
  
OF  
  
**PROJECT BASED LEARNING (FIRST YEAR ENGINEERING)**

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**2021 -2022**



## CERTIFICATE

This is to certify that the project report entitles

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## ACKNOWLEDGEMENT

I take this opportunity to express my sincere gratitude to **Prof. Rishikesh Patil** for his immense support and guidance. Without the help and vision provided by him, this project report would not have achieved its present form. I am indebted to **Prof. Dr S A Kulkarni** (Head of Department , ASGE) for providing me with all the facilities required for the seminar work.

I would like to thank other staff members of the ASGE department who have helped us at various stages in the preparation of this seminar, for which I am thankful to them. Last but not the least I would like to extend my thanks to all my friends for their help, which led to the completion of the report.

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## **ABSTRACT**

*In today's running technology every job has become effortless, keeping this in mind a system has been designed which is helpful for colleges, universities & other educational institutes. This is designed for issuing maintaining the leave for students departing outside the campus assuring that they have departed with intimation to their wardens or responsible authorities. There are as many systems, which are being used for this purpose, but they work in native nature. To avoid the demerits of existing system this system is designed intelligently to serve numerous users at an instant. It is purely network-based miniature. A high-level security is used to avoid anonymous entry to system, and to avoid worthless tapping of data.*

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# **Online Leave Application Form**

## **Introduction**

Online Leave Application Form module is designed to keep a check on all the outgoing students, staff of the hostel. This module automates the leave application system of the college. This module safely secures all the information and keeps a record of all the relevant details like, the name of the student, purpose for going out of the college, the name of the person who permitted the child to leave, time and date when the leave was issued.

Leave System makes the process easy and completely automatic. Like if a student wants to go for leave then he can generate a request from his/her mobile/tablet/laptop through internet system. The request automatically sends a SMS to his parents with complete details. After that Hostel Warden can approve or reject the request for leave.

Again a confirmation message will shoot to parents and students. If the request is confirmed, when a student leaves campus, we put a check on gate where security guard on their computer can see all the permitted students with a very simple user friendly screen.

The various front-end software used in the project are HTML, CSS, and Django and MYSQL is used as the backend tool.

Project is related to Online Leave System which provides services to the institution. Any Institution can maintain data of students of leave using this application. The system keeps the track of all the students and their requests.

## **Online Leave Application Form**

### **Feasibility Study**

In feasibility study phase we had undergone through various steps which are described as under:

1. Identify the origin of information at different level.
2. Identify the expectation of user from computerized system.
3. Analyze the drawback of existing system (manual system).

### **Working of Present Manual System**

The students of institution are involved in the following process:

1. Finding the faculty Incharge.
2. Getting their signature done.

### **Drawbacks of present systems**

1. Some of the problems being faced in the manual system are as follows:
2. Students have to wait
3. Fast result generation is not possible.
4. No central database can be maintained to store the results of all tests.

# **Online Leave Application System**

## **Proposed System**

### **There will be three major component**

1. Online request for leave is generated
2. Verification from Class teacher, JD and warden
3. Report generation and data is stored

### **Proposed system provides the following solution**

1. It provides better and efficient service to students
2. Reduces the workload of employees.
3. Faster generation of results.
4. All details about a leave will available.

### **Student's Role**

1. Providing the correct information while filling details
2. Request for leave

### **Admin's Role**

1. Permit or reject the request for leave
2. Monitor the dashboard reports



### **Justification and need for the System**

1. It maintains the leave details information of the Students.
2. We can restrict numbers of leaves per semester.
3. Complete process is automated and automatically a request is generated when a student create a request for leave.
4. The Student Leave application holds information like Date of leave, Reason, Permission given by, & all details of the student.
5. It is easy to get print out of leave confirmation form for the students.
6. This module helps in keeping record of the details of students like Out date, reason, permission given by, where to go & all details of the students.
7. It will make the complete process paperless.  
However, if required leave can be printed on normal paper.
8. You can export all the information to Excel file.
9. Also manage Special Request likes students going to extra classes, jobs, training etc.
10. Complete Record is tracked closely and directly inform to parents regarding.

## Design

### Collections/Tables:

#### 1. Student login

It has Attributes

- (i) Registration No.
- (ii) full name
- (iii) Email
- (iv) Branch
- (v) Mobile No
- (vi) Password

#### 2. Hod login

It has attributes

- (i) Registration No.
- (ii) Password (iv) Last Name
- (iii) First name
- (v) Branch (vi) Profile

#### 3. JD login

It has attributes

- (ii) Password
- (i) Registration No. (iv) Last Name
- (iii) First name
- (v) Profile

#### 4. leave DB

It has attributes

- (i) Student resign id
- (ii) Branch
- (iii) Roll no
- (iv) Academic year

- (v) Mobile no
- (vi) College Email ID
- (vii) Parent's contact No
- (viii) Parent Address

**5. Leave application form**

- i. Name of the applicant
- ii. Resign number
- iii. Branch
- iv. Roll no
- v. E-mail
- vi. Contact no
- vii. Date of Request
- viii. Attendance
- ix. Name of the hostel

**Details of Leave**

- (i) Type of leave
- (ii) Date of departure
- (iii) Date of return
- (iv) Destination
- (v) Parent contact number
- (vi) Parent email id

# Implementation

```
<!DOCTYPE html>
<html>
<head>
<link rel="stylesheet" href="signup.css">
<title>e-CHUTTI</title>
</head>
<body>
  <body>
    <div class="login-page">
      <div class="form">
        <div class="login">
          <div class="login-header">
            <h3>SIGN UP</h3>
            <p>Please enter your credentials to Sign Up.</p>
          </div>
        </div>
        <form class="login-form">
          <input type="number" placeholder="Registration NUmber"/>
          <input type="text" placeholder="Full Name"/>
          <input type="email" placeholder="E-mail"/>
          <input type="text" placeholder="Enter Branch"/>
          <input type="tel" placeholder="Enter Mobile Number"/>
          <input type="password" placeholder="password"/>

          <button>Create an Accout</button>

        </form>
      </div>
    </div>
  </body>
</body>
</html>
```

```

<!DOCTYPE html>
<!-- Designed by CodingLab | www.youtube.com/codinglabyt -->
<html lang="en" dir="ltr">
  <head>
    <meta charset="UTF-8">
    <!--<title> Responsiive Admin Dashboard | CodingLab </title>-->
    <link rel="stylesheet" href="style.css">
    <!-- Boxicons CDN Link -->
    <link href='new.css' rel='stylesheet'>
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
  </head>
<body>

  <div class="sidebar">
    <div class="logo-details">
      <i class='bx bx1-c-plus-plus'></i>
      <span class="logo_name">Student Dashboard</span>
    </div>
    
    <ul class="nav-links">
      <li>
        <a href="#" class="active">
          <i class='bx bx-grid-alt' ></i>
          <span class="links_name">Profile</span>
        </a>
      </li>
      <li>
        <a href="#">
          <i class='bx bx-box' ></i>
          <span class="links_name">History Of Leave</span>
        </a>
      </li>
      <li>
        <a href="#">
          <i class='bx bx-list-ul' ></i>
          <span class="links_name">Attendance</span>
        </a>
      </li>
      <li>
        <a href="#">
          <i class='bx bx-pie-chart-alt-2' ></i>
          <span class="links_name">Profile Settings</span>
        </a>
      </li>
      <li>
        <a href="#">

```

```

        <i class='bx bx-coin-stack' ></i>
        <span class="links_name">About Us</span>
    </a>
</li>
<li>
    <a href="#">
        <i class='bx bx-book-alt' ></i>
        <span class="links_name">Log Out</span>
    </a>
</li>
</ul>
</div>
<section class="home-section">
    <nav>
        <div class="sidebar-button">
            <i class='bx bx-menu sidebarBtn'></i>
            <span class="dashboard">Student Profile</span>
        </div>

        <div class="profile-details">
            <!---->
            <span class="admin_name">XXXXXXX XXXXXXXXXXXX </span>
            <i class='bx bx-chevron-down' ></i>
        </div>
    </nav>

    <div class="home-content">

        <div class="sales-boxes">
            <div class="recent-sales box">
                <div class="title">Student Information</div>
                <table class="table table-bordered">
                    <tr>
                        <th width="30%">Student Registration ID</th>
                        <td width="2%">:</td>
                        <td>42526</td>
                    </tr>
                    <tr>
                        <th width="30%">Branch</th>
                        <td width="2%">:</td>
                        <td>COMP-B</td>
                    </tr>
                    <tr>
                        <th width="30%">Roll</th>
                        <td width="2%">:</td>
                        <td>125</td>
                    </tr>
                </table>
            </div>
        </div>
    </div>

```

```

    </tr>
    <tr>
      <th width="30%">Academic Year </th>
      <td width="2%">:</td>
      <td>2021-22</td>
    </tr>
    <tr>
      <th width="30%">Mobile No</th>
      <td width="2%">:</td>
      <td>4333221342</td>
    </tr>
    <tr>
      <th width="30%">E-mail</th>
      <td width="2%">:</td>
      <td>jdjbdfjd@gmail.com</td>
    </tr>
    <tr>
      <th width="30%">Parent's Name</th>
      <td width="2%">:</td>
      <td>hufbdfjbnfjdn</td>
    </tr>
    <tr>
      <th width="30%">Parent's Contact No </th>
      <td width="2%">:</td>
      <td>273737463</td>
    </tr>
    <tr>
      <th width="30%">Parent's Address</th>
      <td width="2%">:</td>
      <td>hufbdfjbnfjdn</td>
    </tr>
  </table>
  <div class="button">
    <a href="#">Apply for Leave</a>
  </div>
</div>
</div>
</section>

<script>
  let sidebar = document.querySelector(".sidebar");
  let sidebarBtn = document.querySelector(".sidebarBtn");
  sidebarBtn.onclick = function() {
    sidebar.classList.toggle("active");

```

```
    if(sidebar.classList.contains("active")){
      sidebarBtn.classList.replace("bx-menu" ,"bx-menu-alt-right");
    }else
      sidebarBtn.classList.replace("bx-menu-alt-right", "bx-menu");
  }
</script>

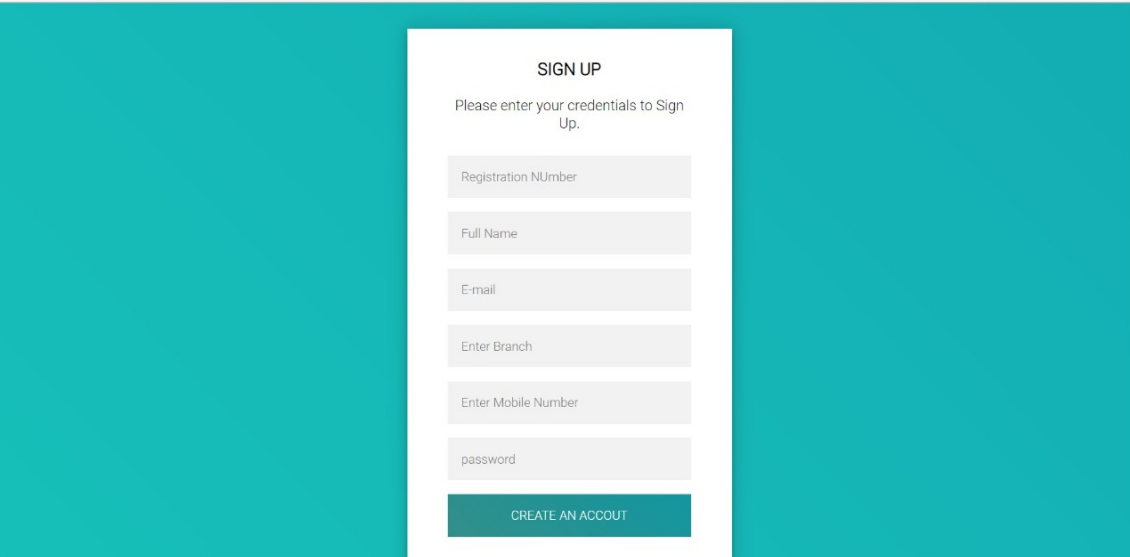
</body>
</html>
```



# SNAPSHOTS

## 1. SIGN UP PAGE

5

A screenshot of a sign-up page with a teal background. A white form is centered, titled "SIGN UP". Below the title is the instruction "Please enter your credentials to Sign Up." followed by six input fields: "Registration Number", "Full Name", "E-mail", "Enter Branch", "Enter Mobile Number", and "password". At the bottom of the form is a teal button labeled "CREATE AN ACCOUNT".

**SIGN UP**

Please enter your credentials to Sign Up.

Registration Number

Full Name

E-mail

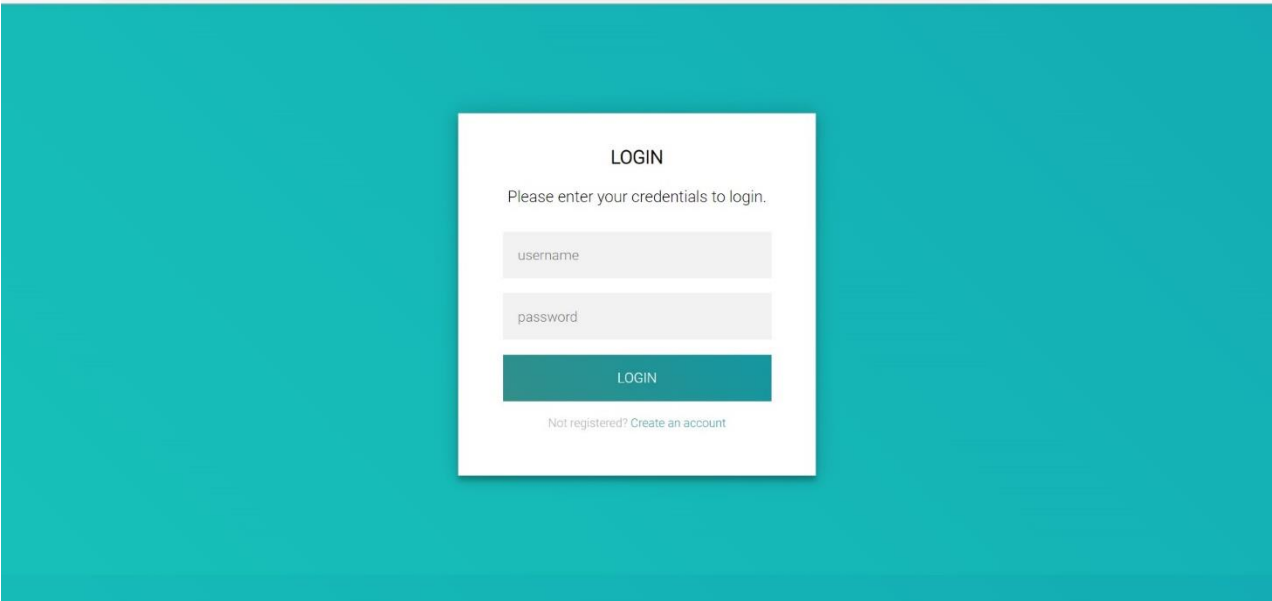
Enter Branch

Enter Mobile Number

password

CREATE AN ACCOUNT

## 2. Login page

A screenshot of a login page with a teal background. A white form is centered, titled "LOGIN". Below the title is the instruction "Please enter your credentials to login." followed by two input fields: "username" and "password". At the bottom of the form is a teal button labeled "LOGIN". Below the button is a link that says "Not registered? Create an account".

**LOGIN**

Please enter your credentials to login.

username


password

LOGIN

[Not registered? Create an account](#)

### 3. Student dashboard

Student  
Dashboard



[Profile](#)

[History Of Leave](#)

[Attendance](#)

[Profile Settings](#)

[About Us](#)

[Log Out](#)

Student Profile

XXXXXXXXXXXXXXXXXXXX

Student Information

Student Registration ID: 42526

Class

: COMP-B

Roll

: 125

Academic Year

: 2021-22

Mobile No

: 4333221342

College E-mail

: jdbjdjfd@gmail.com

Parent's Name

: hufbdfjfnjfnjfn

Parent's Contact No

: 273737463

Parent's Address

: hufbdfjfnjfn

Apply for Leave

### 4. Leave Application form

Student Leave Application Form

Name of the Applicant

Enter your Full name

Registration Number:

Enter your reg no

Branch:

Select Branch

Roll No:

Enter your roll no

Email:

it should contain @,.

Mobile No:

only 10 digits are allowed

Date of Request:

dd-mm-yyyy

Attendance

Enter your Attendance by n

Name of Hostel

Hostel

Details of Leave

Select

Type of Leave:

Select

Name of Hostel

**Details of Leave**

Type of Leave:

Date of Departure:

Date of Return:

Destination:

Parent's Contact Number:

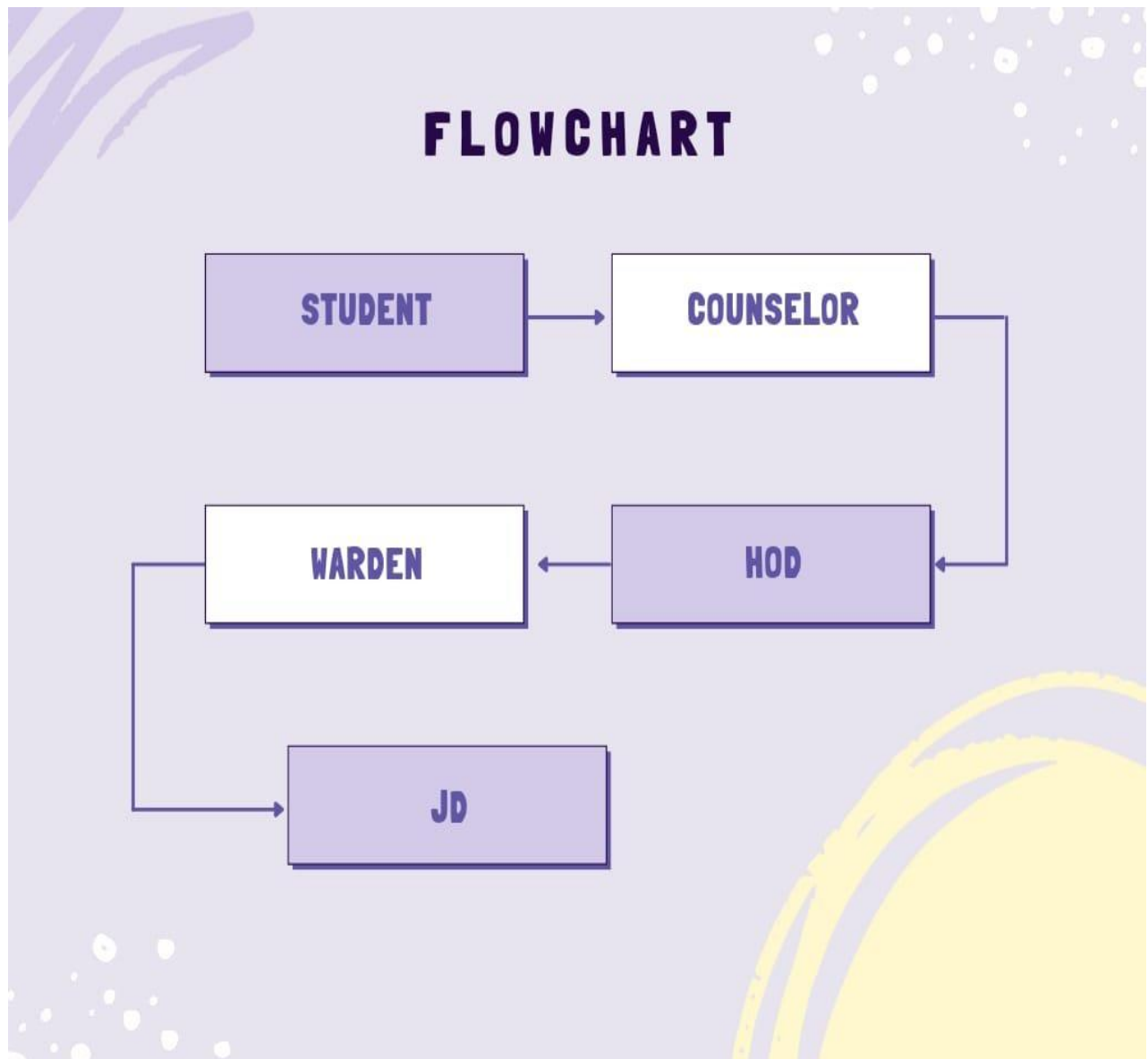
Parent's Email:

**SUBMIT**

## 5. History of leave

STATUS AND HISTORY OF LEAVE APPLICATION							
Sr.no	Name Of the Applicant	Date Of Application	Leave From to	Teacher	Warden	Joint Director	Final Status/Remarks
1	Tejawini	25/04/2022	27/04/2022-29/04/2022	Recommended	Recommended	Accepted	Approved
2	Tejawini	25/04/2022	27/04/2022-29/04/2022	Recommended	Recommended	Accepted	Approved
3	Tejawini	25/04/2022	27/04/2022-29/04/2022	Recommended	Recommended	Accepted	Approved
4	Tejawini	25/04/2022	27/04/2022-29/04/2022	Recommended	Recommended	Accepted	Approved
5	Tejawini	25/04/2022	27/04/2022-29/04/2022	Recommended	Recommended	Accepted	Approved
6	Tejawini	25/04/2022	27/04/2022-29/04/2022	Recommended	Recommended	Accepted	Approved
7	Tejawini	25/04/2022	27/04/2022-29/04/2022	Recommended	Recommended	Accepted	Approved
8	Tejawini	25/04/2022	27/04/2022-29/04/2022	Recommended	Recommended	Accepted	Approved
9	Tejawini	25/04/2022	27/04/2022-29/04/2022	Recommended	Recommended	Accepted	Approved
10	Tejawini	25/04/2022	27/04/2022-29/04/2022	Recommended	Recommended	Accepted	Approved
11	Tejawini	25/04/2022	27/04/2022-29/04/2022	Recommended	Recommended	Accepted	Approved
12	Tejawini	25/04/2022	27/04/2022-29/04/2022	Recommended	Recommended	Accepted	Approved
13	Tejawini	25/04/2022	27/04/2022-29/04/2022	Recommended	Recommended	Accepted	Approved

# FLOWCHART



# Conclusion

- We have implemented the online leave application system successfully. We used HTML, CSS as front end tool and My SQL, Django as backend tool. The system is very good at saving the precious time of students as well as reduces the work load of staff committee.
- It is a modern method of seeking and granting permission for leave.

It will considerably replace the traditional paper and pen based leave system in future.

# REFERENCES

## EXAMPLE:

1. Reference code of CSS and HTML from <https://www.w3schools.com>

2. Reference code of Django backend from <https://docs.djangoproject.com>

3. Chi, B., & Uang, C. M. (2002). Cyclic response and design recommendation of reduced beam section moment connections with deep columns. *Journal of Structural Engineering*, ASCE, 128 (4), 464-473.

e.g: Name of Authors (Year) Title, Journal Name / Conference Name / Website Reference / Issue No, (