

Project Report

On

OUTPASS MANAGEMENT SYSTEM

Submitted by

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Under the guidance of

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DECLARATION

We hereby declare that the report of the B.Tech Mini Project Work entitled **“ONLINE MANAGEMEMNT SYSTEM”** which is being submitted to Rajiv Gandhi University of Knowledge Technologies, RK Valley, in partial fulfillment of the requirements for the award of Degree of Bachelor of Technology in Computer Science and Engineering, is a bonafide report of the work carried out by us. The material contained in this report has not been submitted to any university or institution for award of any degree.

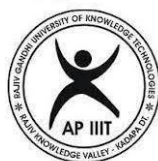
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RAJIV GANDHI UNIVERSITY OF KNOWLEDGE TECHNOLOGIES



RGUKT

(A.P.Government Act 18 of 2008)

RGUKT, RK VALLEY

Department of Computer Science and Engineering

CERTIFICATE FOR PROJECT COMPLETION

This is certify that the project entitled “**OUTPASS MANAGEMENT SYSTEM**” submitted by **T Bala sai teja(R170054),N Manojkumar(R170041), M Lakshmi Narayana(R170449),K Paramesh(R170990)** under our guidance and supervision for the partial fulfillment for the degree Bachelor of Technology in Computer Science and Engineering during the academic year 2021-2022 at RGUKT, RK VALLEY. To the best of my knowledge, the results embodied in this dissertation work have not been submitted to any University or Institute for the award of any degree or diploma.

Project Internal Guide

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Assistant Professor,

RGUKT, RK Valley.

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HOD Of CSE,

RGUKT, RK Valley.

Acknowledgement

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Abstract

In the existing Outpass management system, our college follows manual procedure in which warden enters information in a record book and grant outpass manually, which is a time taking process and there are chances of losing data or Occuring of errors in the records.

Online Outpass Management system project is an intranet Web based application which can be accessed all over the organization. This application is automated software application for handling leaves related information of students and approval of outpass from the warden . Each student is provided with unique id and password for logging in to system and send request for outpass. Warden will look after the students outpass application. This method will improve the process of Outpass management inside organization by saving time and resources. This project will reduce the paperwork and maintain record in an efficient and systematic way. Warden will view the entire students leave application form details and send the application accepted or rejected through Online Outpass Management system Site.

INTRODUCTION

- The main objective of the proposed system is to decrease the paper work and easier record maintenance by having a particular website for outpass Issuing.
- An Outpass management system automates the entire process revolved around Outpass within a University, saving time and resources by letting Students focus on the important tasks before them and eliminating the traditional need to record and file leave documents.
- This approach basically deals with student outpass registering with some specific reason for outpass ,with students including their proofs for Outpass in either jpg/png formats .
- The request for outpass will then reflect to the relevant warden for approval, if the leave request is denied, a reason must be entered into the outpass management system and the student can view the status of all current and previous outpasse's history.

Purpose

The purpose of this Online Outpass System is to Automate the Already Existing Manual Outpass System to reduce Paper Work, and usage of resources, to avoid the loss of data and Making the Outpass Management easy unlike Traditional Manual Outpass Management System.

Intended Audience

1).Students

2)Warden

Product Vision

The main Vision of this project is to make Traditional paper based Outpass Management System to a Complete Online web application for ease of Usage.

■ **Existing System :**

In existing system every college follows manual procedure in which student should enter in time and out time in a record book. The Warden will grant Outpass manually which is a time taking process and there is a chance of losing records.

■ **Proposed System**

In proposed system chances of losing data is not possible because data is maintained in the form of database. Leaves and notices information is updated in to database using a user friendly GUI and grant Outpass. This will reduce work for Wardens. This application is an online application which makes more flexible to access information.

Requirement Specification

Hardware Configuration:

Client side:

Ram	512 MB
Hard disk	10GB
Processor	1.0 GHz

Server side:

Ram	1GB
Hard disk	20GB
Processor	2.0GHz

Software Requirements:

Front end	Html,Css,javascript
Server side Language	Flask
Database Server	Arango db
Web Browser	Firefox,Chrome or any compatible Browser
Operating System	Ubuntu,Windows or any Compatible Browser
Software	EPASS

MODULES

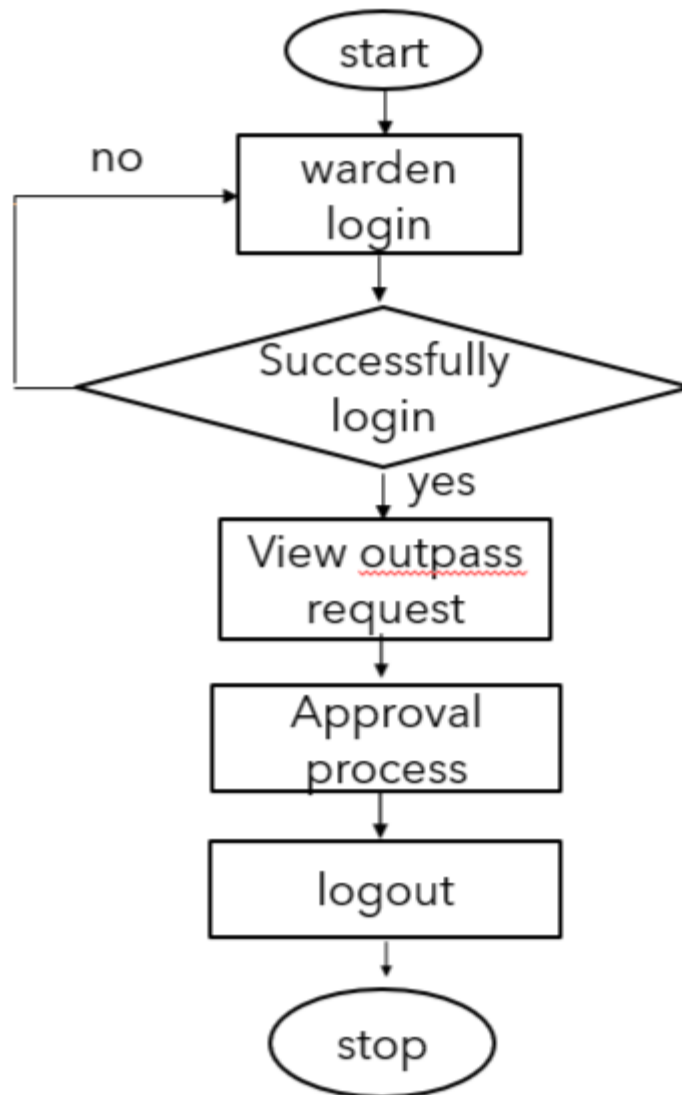
- Warden
- Student
- Approval Process
- Status

Modules Description

■ **Warden Module**

Warden will have permissions to look after data of every student of the University. Warden can view the student details. Warden can approve leave through this application and he can view leaves information of every individual student. Outpass application accepted/rejected details are send to the faculty and student through the application.

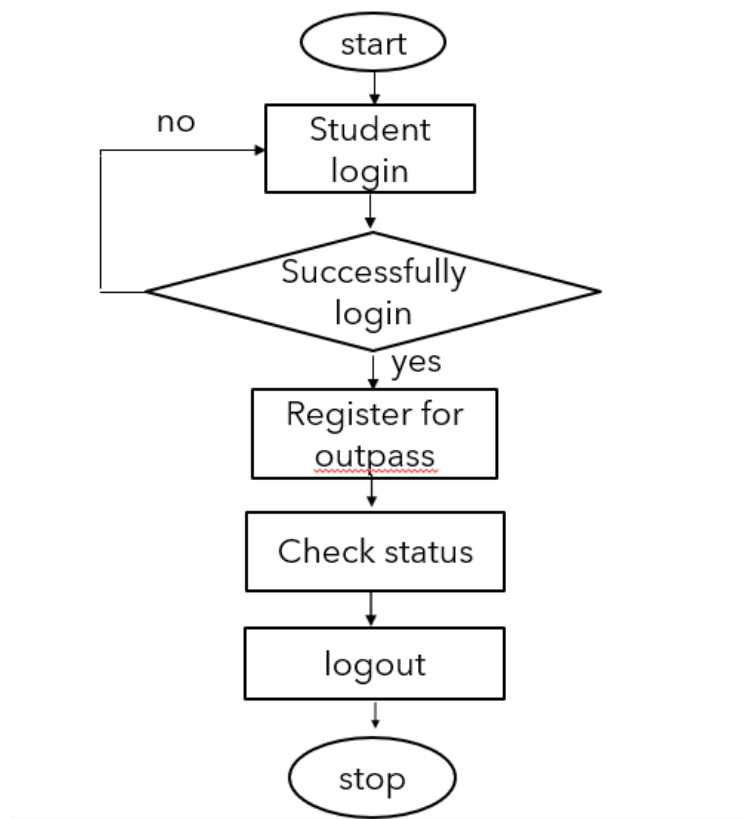
WARDEN-FLOW CHART



■ Student Module

Each student will have unique id for login into the system, login username and password is valid means he/she continue view all the details and can update the previous register details also. The students can apply for their outpass. This record will automatically send to the Warden account. Warden will view all the records and send the confirmation to the particular student through application .

STUDENT-FLOW CHART



Approval Process

This module is very important module in this project. The main aim of this module is to reject or to accept the leave application process of the student. This module is handling by the warden and warden only having all the rights to accept or reject. Warden first of all view the entire student leave application details and view the each student leave reason details for leave. Suppose if the warden is satisfied then Warden will send the approval for outpass through the Outpass Management Website and the Approval or Rejection Status will be visible in the Student Status.

■ Status

In this module all the students can view the previous outpass details.

Advantages of Proposed Methodology

- The Online Outpass System will Reduce the Paper work.
- The Online Outpass Management System will reduce the time and Resources.
- It Makes the Maintenance easy.
- Data loss won't happen, as the Data will stored in the Data Bases.
- User friendly Web Application.

Technologies Used

- FRONTEND : HTML ,CSS , JavaScript .
- BACKEND : FLASK ,ArangoDB.
- ENVIRONMENT : Visual Studio Code.

ArangoDB

ArangoDB is a free and open source native graph database system developed by ArangoDB Inc. ArangoDB is a multi-model database system since it supports three data models (graphs,JSON documents,Key/Value) with one database core and a unified query language AQL (ArangoDB Query Language). AQL

is mainly a declarative language and allows the combination of different data access patterns in a single query. ArangoDB is a NOSQL database system but AQL is similar in many ways to the SQL.

FLASK

Flask is a small and lightweight Python web framework that provides useful tools and features that make **creating web applications in Python easier**. It gives developers flexibility and is a more accessible framework for new developers since you can build a web application quickly using only a single Python file.

HTML

HTML, or Hypertext Markup Language, is a markup language for the web that defines the structure of web pages.

Hypertext: text (often with embeds such as images, too) that is organized in order to connect related items

Markup: a style guide for typesetting anything to be printed in hardcopy or soft copy format

Language: a language that a computer system understands and uses to interpret commands.

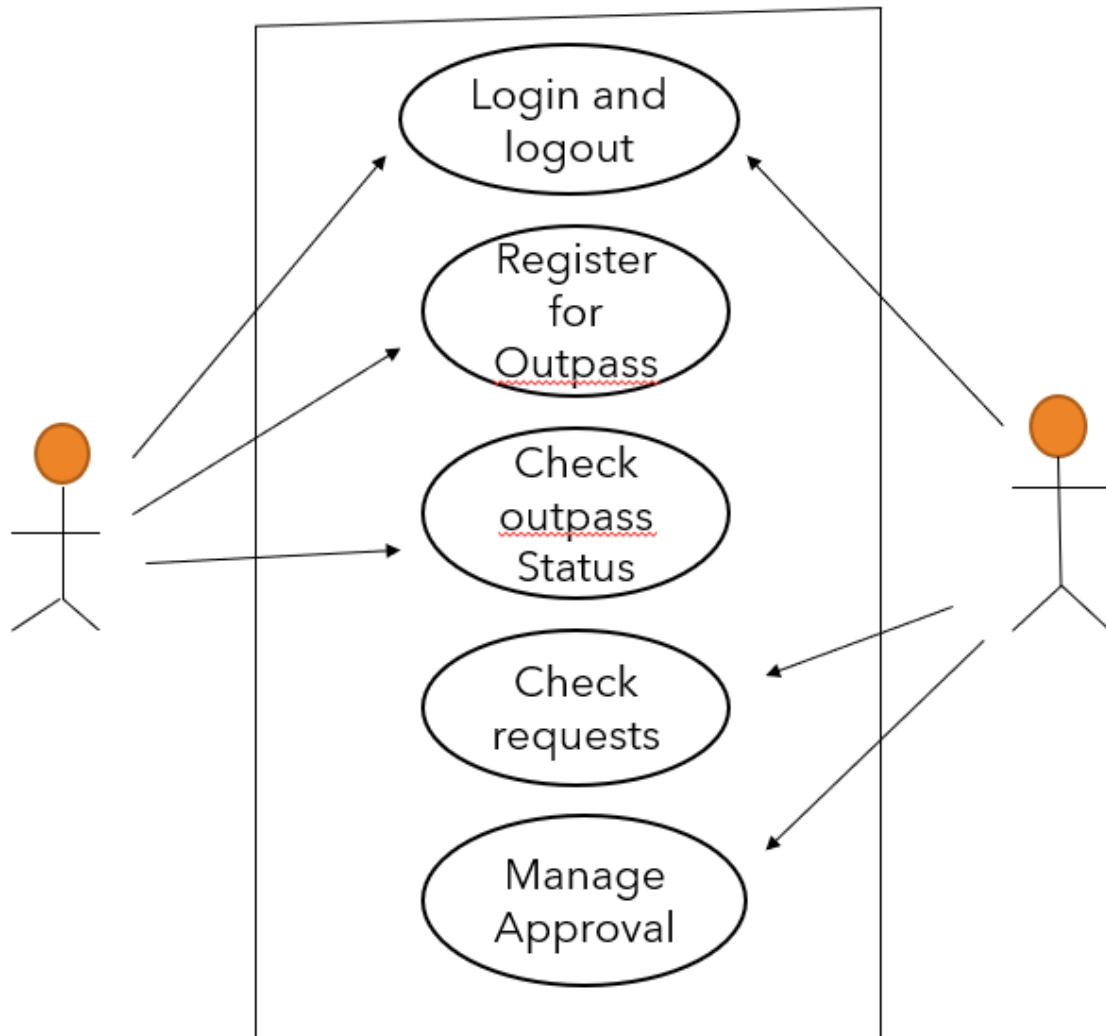
CSS

Cascading Style Sheets (CSS) is a Style sheet Language used for describing the Presentation of a document written in a markup language such as HTML or XML (including XML dialects such as SVG, MathML or XHTML). CSS is a cornerstone technology of the World wide web, alongside HTML and Javascript(js).

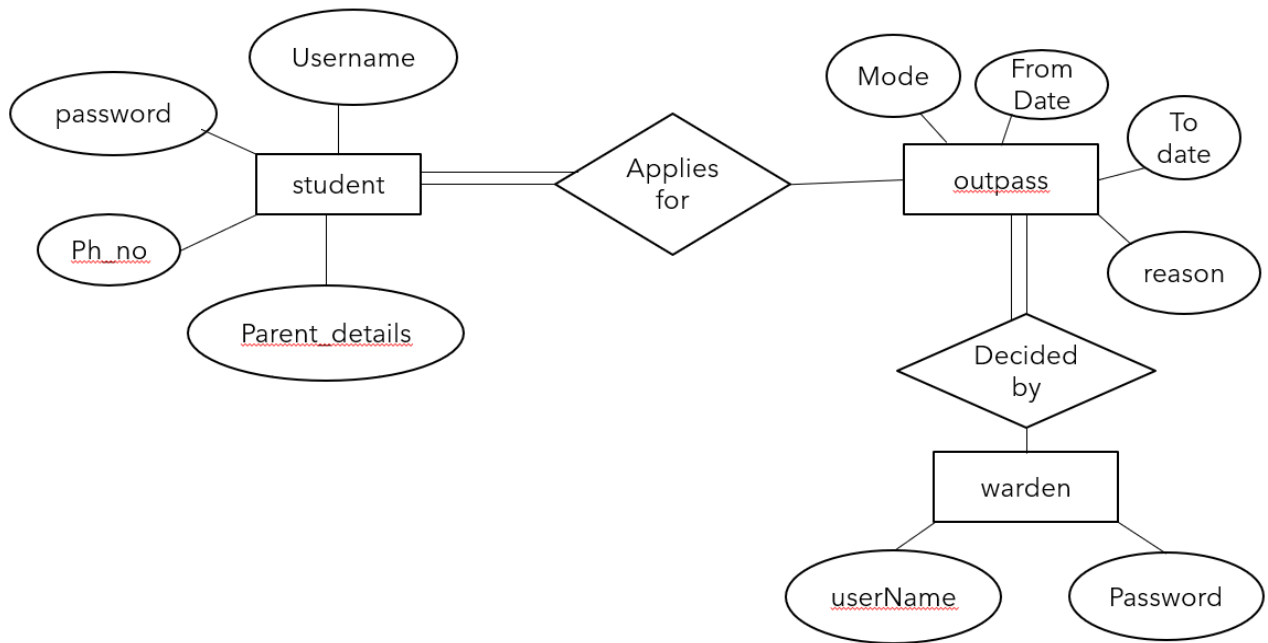
Javascript

JavaScript is a **dynamic programming language that's used for web development, in web applications, for game development, and lots more.** It allows you to implement dynamic features on web pages that cannot be done with only HTML and CSS.

Use case Diagram



ER Diagram



SOURCE CODE

Home.html

```
<!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">
  <title>E-Pass</E-Pass></title>
  <link rel="stylesheet" href="Home.css">
  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/6.1.1/css/all.min.css">
</head>
<body>
  <div class="main-screen">
    <div class="left">
      <section class="section-1">
        <h1 class="name-header">Outpass <br><label
class="name">M</label>anagement
        <br> System</h1>
        <p class="sub"><label class="sub-name"> E-Pass</label></p>
      </section>
    </div>
    <div class="right">
      <form onsubmit="return validate()" action="4-6-21.html">
        <div class="input-container-button">
          <span><a href="Student-login.html"></a></span>
          <br>
          <span class="span1"><a href="Warden-
login.html"></a></span>
        </div>
      </form>
    </div>
    <div id="footer">
      <footer>For help,any Queries,Tenders or Contracts Contact <a
href="https://rguktrkv.ac.in/Institute.php?view=ContactUs"
class="alreay"><bold>Rgukt-ContactUs</bold></a></strong></a>
      </footer>
    </div>
  </div>
</body>
</html>
```

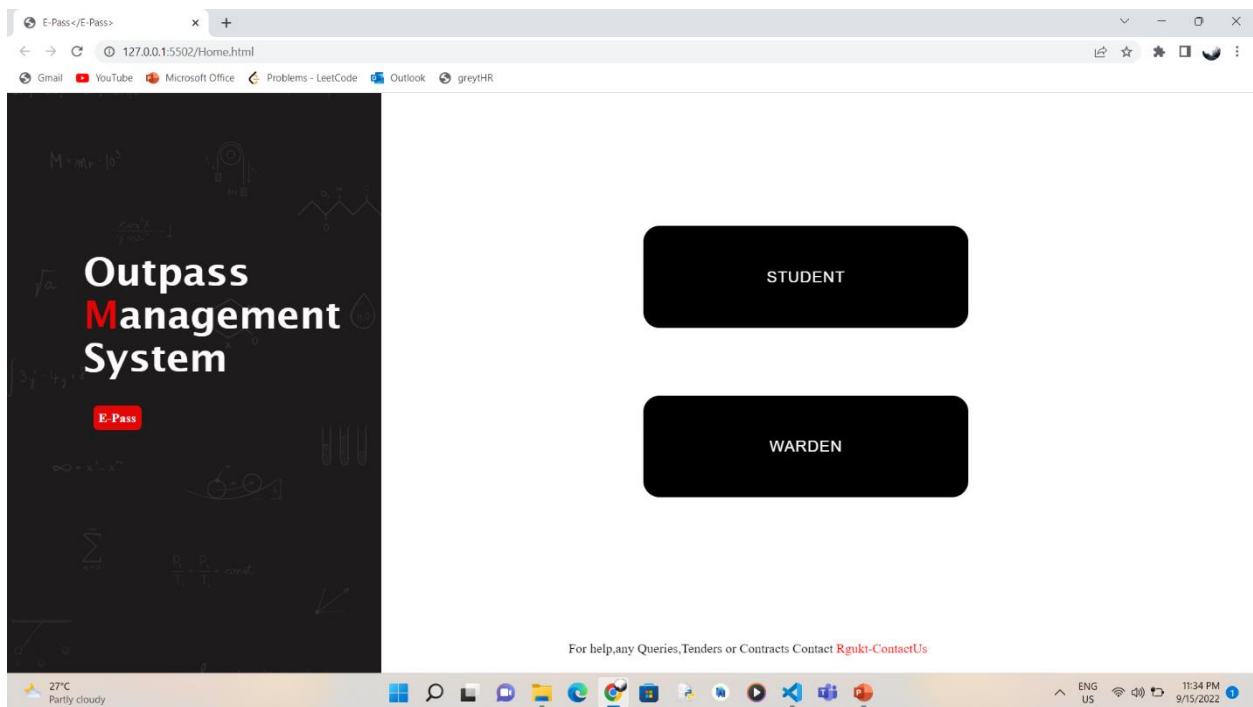
```

        </div>

    </div>
    <script src="task3.js" type="text/javascript" defer></script>
</body>
</html>

```

OUTPUT



Student-login.html

```
<!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">
  <title>E-Pass</title>
  <link rel="stylesheet" href="Student-login.css">
  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/6.1.1/css/all.min.css">
</head>
<body>
  <div class="main-screen">
    <div class="left">
      <section class="section-1">
        <h1 class="name-header">Outpass <br><span
class="name">M</span>anagement<span class="name"></span>
        <br> System<span class="name"></span></h1>
        <p class="sub"><span class="sub-name"> E-Pass</span></p>
      </section>
    </div>
    <div class="right">
      <form id="loginform">
        <section class="copy">
          <h2>Student Login</h2>
          </section>

          <div class="input-container_name">
            <label>Username</label><br>
            <input type="text" name="user_name" placeholder="Enter Name"
maxlength="32" minlength="3" id="name1">
          </div>
          <label style="color:red" id="nml"></label>

          <div class="input-container-password">
            <label>Password</label><br>
            <input type="password" placeholder="Enter Password"
id="pass" maxlength="32" minlength="3">
          </div>
        </section>
      </form>
    </div>
  </div>
</body>
</html>
```

```

        <i class="far fa-eye-slash" onclick="eye()"></i>
    </div>
    <label style="color:red" id="pssl"></label>

    <div class="input-container-check">
        <input type="checkbox">I agree With the Tems & Conditions of
The University</p>
    </div>

    <div class="input-container-button">
        <button type="submit">Login</button>
    </div>

    <section clas="copy">
        <div class="login-container2">
            <p class="alreay">For any queries Visit <a
href="https://rguktrkv.ac.in/"><strong>Rgukt</strong></a></p>
        </div>
    </section>

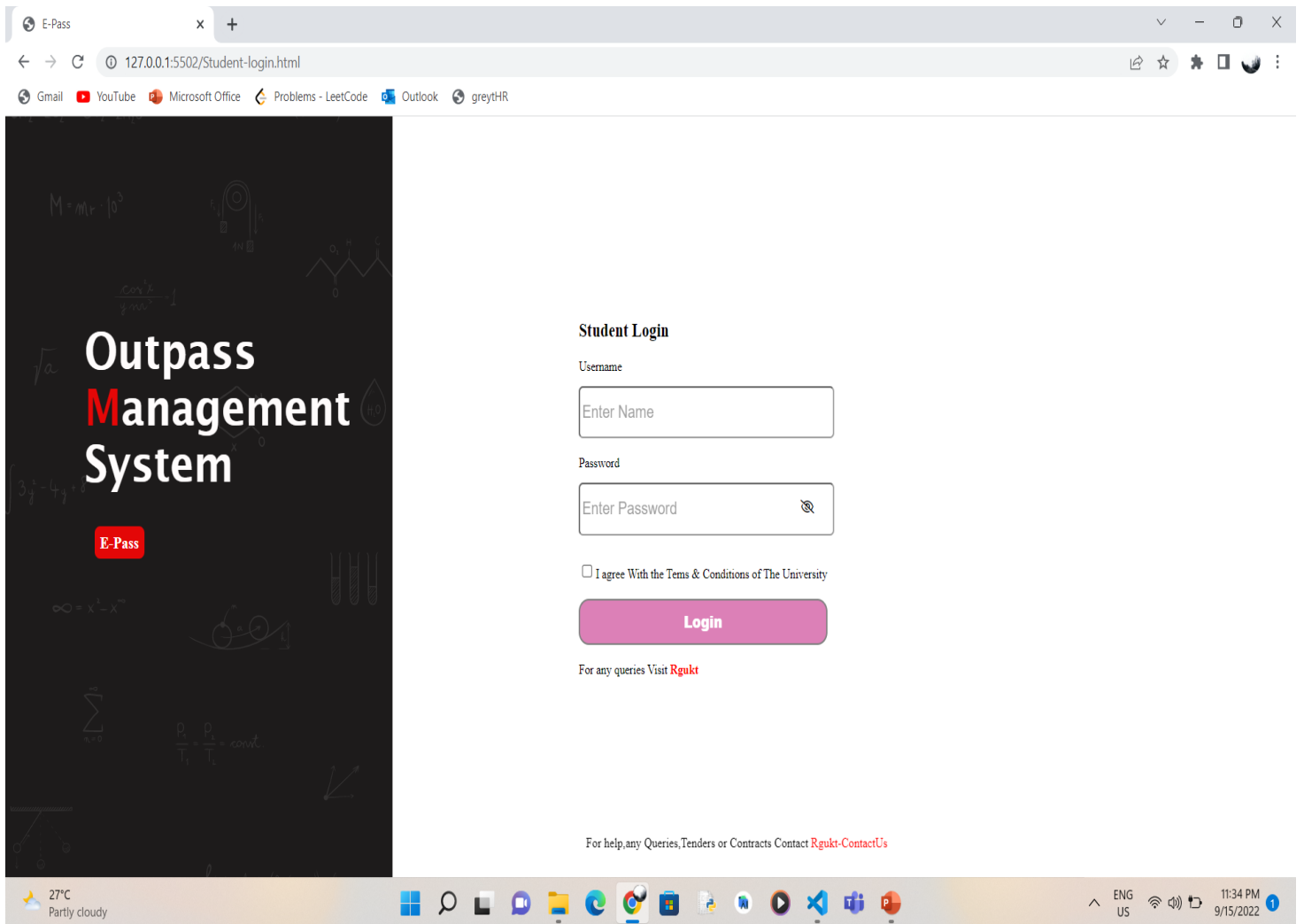
    </form>

</div>
<div id="footer">
    <footer>For help,any Queries,Tenders or Contracts Contact <a
href="https://rguktrkv.ac.in/Institute.php?view=ContactUs"
class="alreay"><bold>Rgukt-ContactUs</bold></a></strong></a>
    </footer>
</div>

</div>
<script src="Valid.js" type="text/javascript" defer></script>
</body>
</html>

```

OUTPUT



Student.html

```
<!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">
  <script src="https://kit.fontawesome.com/c0c73cc10c.js"
crossorigin="anonymous"></script>
  <link rel="stylesheet" href="Student.css">
  <link rel="preconnect" href="https://fonts.googleapis.com">
  <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
  <link
href="https://fonts.googleapis.com/css2?family=Poppins:wght@100;400;500;600;700&di
splay=swap"
rel="stylesheet">
  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/6.1.1/css/all.min.css">
  <title>E-Pass</title>
</head>

<body>
  <nav>
    <ul>
      <li><a href="Home.html">Home</a></li>
      <li><a href="Student-Status.html">Status</a></li>
      <li><a class="on" href="Student.html">Register</a></li>
      
    </ul>
  </nav>
  <section>
    <div class="img-sec">
      
      <h1 class="name-header">Outpass <br><label
class="name">M</label>anagement
      <br> System</h1><br>
      <p class="sub"><label class="sub-name"> E-Pass</label></p>
    </div>
```

```

</section>
<section class="form" >
  <form class="con" id="rform">
    <div class="con-1">
      <label class="head">Outpass Register</label>
    </div>
    <div class="from">
      <label class="fromto">From :</label>
      <input type="date" style="width:250px" id="fd">
      <label class="fromto">TO :</label>
      <input type="date" style="width:250px" id="td">
    </div>
    <div class="form-1">
      <input type="text" class="input-state" placeholder=" " required
id="st">
      <label class="state">State</label>
      <input type="text" class="input-city" placeholder=" " required
id="ct">
      <label class="city">City</label>
    </div>
    <div class="form-2">
      <label class="reason">Reason For OutPass</label>
      <input type="text" class="input-reason" required id="rs">
    </div>
    <div class="form-3">
      <label class="headings"> Mode of Transportation :</label>
      <div class="form-3-1">
        <div class="icon-1">
          <i class='fas fa-motorcycle' style='font-
size:48px;color:red' class="icon"></i>
          <div class="check-1">
            <input type="checkbox" class="check" value="Bike"
id="trans">
          </div>
          <label class="vech">Bike</label>
        </div>
        <div class="icon-2">
          <i class='fas fa-car' style='font-size:48px;color:red'
class="icon"></i>
          <div class="check-1">
            <input type="checkbox" class="check" value="Car"
id="trans">
          </div>
          <label class="vech">Car</label>
        </div>
      </div>
    </div>
  </form>

```

```

        <div class="icon-3">
            <i class='fas fa-bus' style='font-size:48px;color:red'
class="icon"></i>
            <div class="check-1">
                <input type="checkbox" class="check" value="Bus"
id="trans">
            </div>
            <label class="vech">Bus</label>
        </div>
        <div class="icon-4">
            <i class='fas fa-plane' style='font-size:48px;color:red'
class="icon"></i>
            <div class="check-1">
                <input type="checkbox" class="check" value="Plane"
id="trans">
            </div>
            <label class="vech">Plane</label>
        </div>
        <div class="icon-5">
            <i class='fas fa-train' style='font-size:48px;color:red'
class="icon"></i>
            <div class="check-1">
                <input type="checkbox" class="check" value="Train"
id="trans">
            </div>
            <label class="vech">Train</label>
        </div>
        <div class="icon-6">
            <i class='fa-solid fa-hashtag' style='font-
size:48px;color:red' class="icon"></i>
            <div class="check-1">
                <input type="checkbox" class="check" value="Other"
id="trans">
            </div>
            <label class="vech">Other</label>
        </div>
    </div>
    <div class="form-4">
        <label class="proof">Upload Proof :</label>
        <input type="file" class="input-proof" required id="pf">
    </div>
    <div class="submit">
        <input type="submit" class="input-submit" required>
    </div>

```

```

        </form>
    </section>
    <script src="regis.js" type="text/javascript" defer >
    </script>
</body>

</html>

```

regis.js

```

window.onload=function(){
    console.log("Page is loaded");
    console.log("Hello");
    const r = document.getElementById('rform');
    r.addEventListener ('submit', async function (e) {
        e.preventDefault();
        var fd=document.getElementById("fd").value;
        var td=document.getElementById("td").value;
        var st=document.getElementById("st").value;
        var ct=document.getElementById("ct").value;
        var rs=document.getElementById("rs").value;
        var pf = document.getElementById("pf").files[0];
        console.log(pf)
        var md =document.querySelector('.check:checked').value;
        const payload = new FormData();
        payload.append("from_date", fd);
        payload.append("to_date", td);
        payload.append("state", st);
        console.log(md)
        payload.append("city", ct);
        payload.append("reason", rs);
        payload.append("mode", md);
        payload.append("proof",pf)
        payload.append("id_no",localStorage.getItem("user_name"))
        var values = [...payload.values()]
        console.log(values)
        var response = await
    fetch('http://192.168.81.134:5000/addOutpassRequest', {
        method: 'POST',
        headers:{
            "Authorization":localStorage.getItem("token")

```

```
        },
        body:payload,

    })
    if (response.ok){

        console.log("http s1")
        let json=await response.json();
        console.log(json['status'])
        console.log(json['requests'][0])
        alert("Sucessfully submitted")
        window.location.replace("Student.html");

    }
    else{
        console.log("http f1")
        alert("No Outpass got");
    }

})

}
```

OUTPUT

E-Pass x +

127.0.0.1:5502/Student.html

Gmail YouTube Microsoft Office Problems - LeetCode Outlook greyHR

HOME STATUS REGISTER

CH₂ + 2O₂ → CO₂ + 2H₂O

$M = m_r \cdot 10^3$

Outpass Management System

E-Pass

$\int 3y^2 - 4y + 8$

$\infty = x^2 - x^{\infty}$

$\chi^2 = \sum \frac{(O_i - E_i)^2}{E_i}$

Outpass Register

From: mm/dd/yyyy TO: mm/dd/yyyy

State City

Reason For OutPass

Mode of Transportation :

☐ ☐ ☐ ☐ ☐ ☐

Bike Car Bus Plane Train Other

Upload Proof : Choose File No file chosen

Submit

27°C Partly cloudy

ENG US 11:35 PM 9/15/2022

Student-Status.html

```
<!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">
  <script src="https://kit.fontawesome.com/c0c73cc10c.js"
crossorigin="anonymous"></script>
  <link rel="stylesheet" href="Student-Status.css">
  <link rel="preconnect" href="https://fonts.googleapis.com">
  <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
  <link
href="https://fonts.googleapis.com/css2?family=Poppins:wght@100;400;500;600;700&d
isplay=swap"
rel="stylesheet">
  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/6.1.1/css/all.min.css">
  <!-- CSS only -->
<link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/css/bootstrap.min.css"
rel="stylesheet" integrity="sha384-
iYQeCzEYFbKjA/T2uDLTpkwGzCiq6soy8tYaI1GyVh/UjpbCx/TYkiZhlZB6+fzT"
crossorigin="anonymous">
  <title>E-Pass</title>
</head>

<body>
  <nav>
    <ul>
      <li><a href="Home.html">Home</a></li>
      <li><a class="on" href="Student-Status.html">Status</a></li>
      <li><a href="Student.html">Register</a></li>
      
    </ul>
  </nav>
  <section>
    <div class="img-sec">
      
      <h1 class="name-header">Outpass <br><label
class="name">M</label>anagement
      <br> System</h1><br>
```

```

        <p class="sub"><label class="sub-name"> E-Pass</label></p>
    </div>
</section>
<section class="form">
    <form class="con" action="">
        <div class="con-1">
            <label class="head">Outpass Status</label>
        </div>
        <div id="card" class="statuses">

            </div>
        </form>
    </section>
    <script src="Status.js" type="text/javascript" defer >
    </script>
</body>
</html>

```

Status.js

```

window.onload=async function(){
    console.log("Page is loaded in Status");
    console.log("Hello");
    //console.log(a,b)
    var res=await fetch("http://192.168.81.134:5000/studentStatus",
        {
            "headers":{"Authorization":localStorage.getItem("token"),
            },
            "method":"POST",
        })
    var ret=await res.json();
    console.log(ret.requests[0].city);
    console.log(ret);
    //let ele=
    document.getElementById("city_label").innerHTML=JSON.stringify(ret.requests[0].ci
ty);
    //console.log(ele);
    var table2=document.getElementById("card")
    ret.requests.map(data=>{
        console.log(data.city);
        var temp=`
        <div class="card">
        <h5 class="card-header">${Date(parseInt(data.applied_date))}</h5>

```

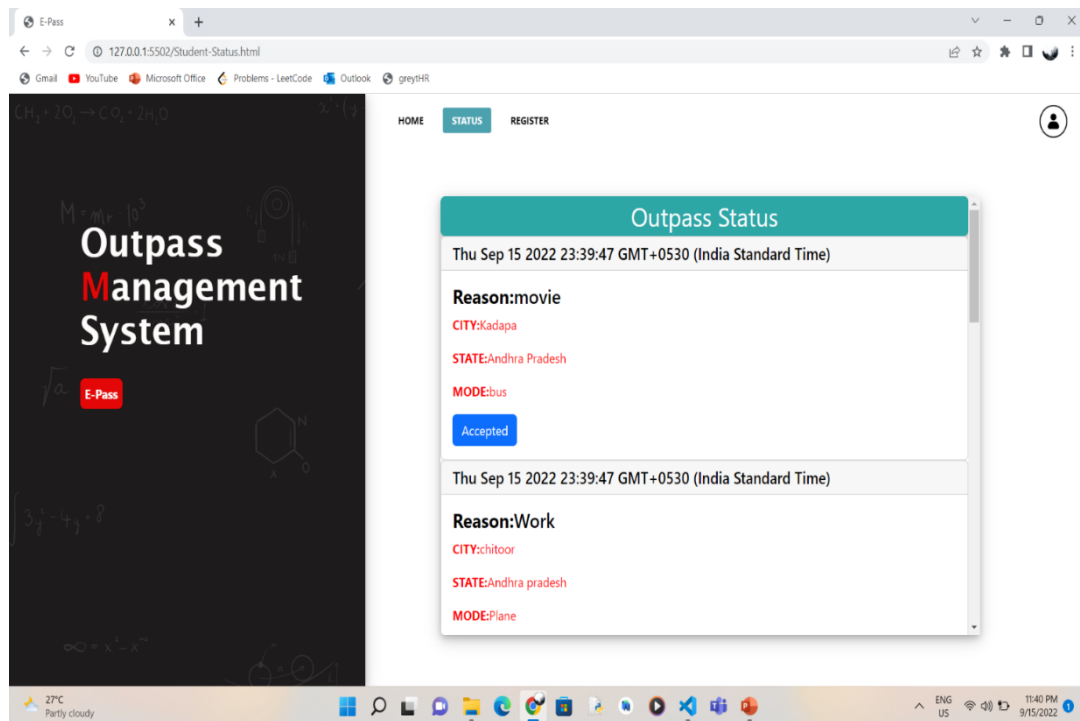


```

<div class="card-body">
  <h4 class="card-title"><b>Reason:</b>${data.reason}</h4>
  <p class="card-text" style="color:red"><b>CITY:</b>${data.city} </p>
  <p class="card-text" style="color:red"><b>STATE:</b>${data.state} </p>
  <p class="card-text" style="color:red"><b>MODE:</b>${data.mode} </p>
  <a href="#" class="btn btn-primary">Accepted</a>
</div>
</div>
`
table2.innerHTML += temp
});
}

```

OUTPUT



Warden-Login.html

```

<!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">
  <title>E-Pass</title>

```

```

    <link rel="stylesheet" href="Student-login.css">
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/6.1.1/css/all.min.css">
</head>
<body>
    <div class="main-screen">
        <div class="left">
            <section class="section-1">
                <h1 class="name-header">Outpass <br><span
class="name">M</span>anagement<span class="name"></span>
                <br> System<span class="name"></span></h1>
                <p class="sub"><span class="sub-name"> E-Pass</span></p>
            </section>
        </div>
        <div class="right">
            <form id="loginform">
                <section class="copy">
                    <h2>Warden Login</h2>
                </section>

                <div class="input-container_name">
                    <label>Username</label><br>
                    <input type="text" name="user_name" placeholder="Enter Name"
maxlength="32" minlength="3" id="name1">
                </div>
                <label style="color:red" id="nml"></label>

                <div class="input-container-password">
                    <label>Password</label><br>
                    <input type="password" placeholder="Enter Password"
id="pass" maxlength="32" minlength="3">
                    <i class="far fa-eye-slash" onclick="eye()"></i>
                </div>
                <label style="color:red" id="pssl"></label>

                <div class="input-container-check">
                    <input type="checkbox">I agree With the Tems & Conditions of
The University</p>
                </div>

                <div class="input-container-button">

```

```

        <button type="submit">Login</button>
    </div>

    <section clas="copy">
        <div class="login-container2">
            <p class="alreay">For any queries Visit <a
href="https://rguktrkv.ac.in/"><strong>Rgukt</strong></a></p>
        </div>
    </section>

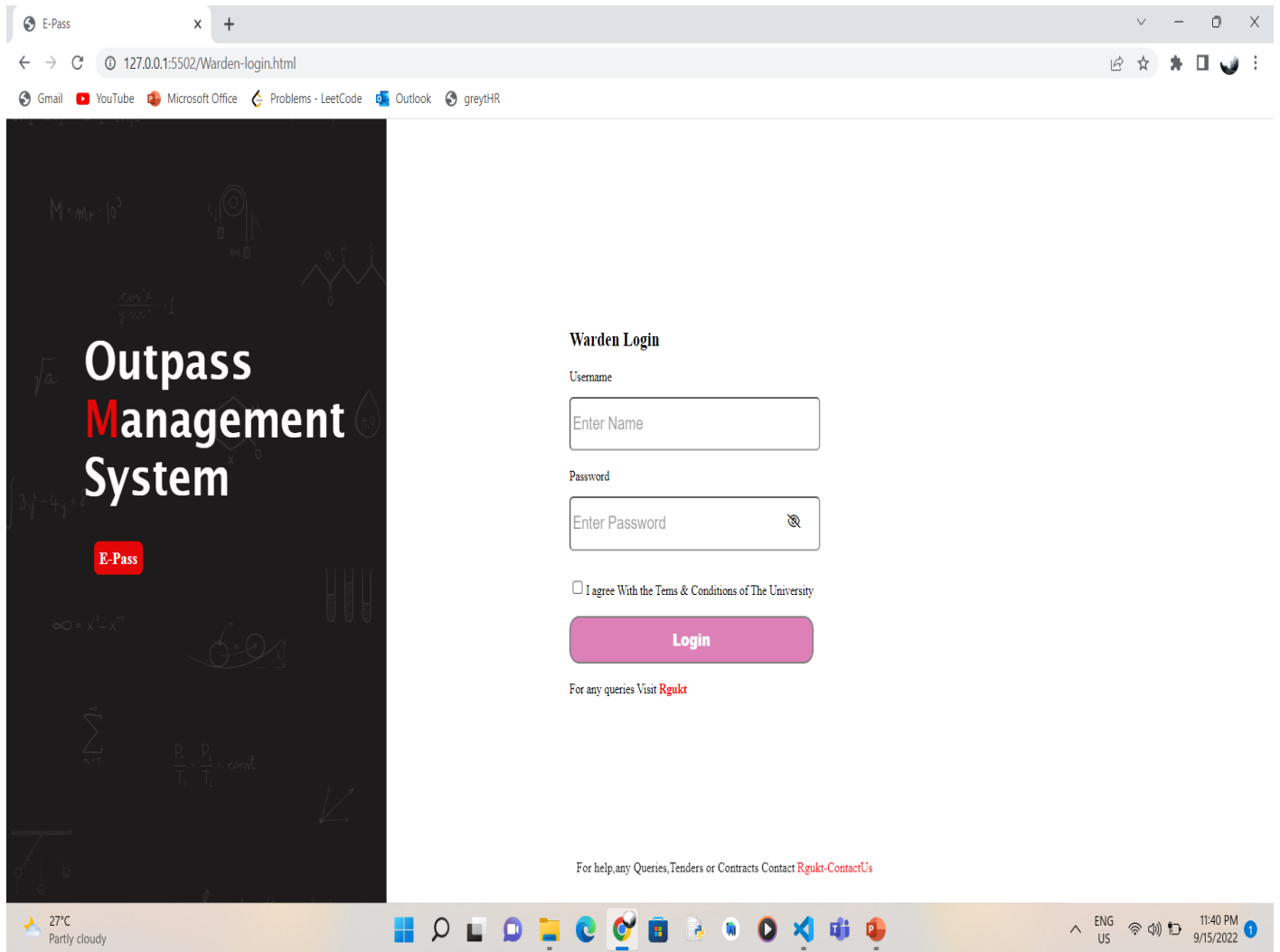
</form>

</div>
<div id="footer">
    <footer>For help,any Queries,Tenders or Contracts Contact <a
href="https://rguktrkv.ac.in/Institute.php?view=ContactUs"
class="alreay"><bold>Rgukt-ContactUs</bold></a></strong></a>
    </footer>
</div>

</div>
<script src="Validw.js" type="text/javascript" defer></script>
</body>
</html>

```

OUTPUT



Warden.html

```

<!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">
  <script src="https://kit.fontawesome.com/c0c73cc10c.js"
crossorigin="anonymous"></script>
  <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></script>
  <link rel="stylesheet" href="Warden.css">
  <link rel="preconnect" href="https://fonts.googleapis.com">
  <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
  <link
href="https://fonts.googleapis.com/css2?family=Poppins:wght@100;400;500;600;700&di
splay=swap"
rel="stylesheet">
  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/6.1.1/css/all.min.css">
  <title>E-Pass</title>
</head>

<body>
  <nav>
    <ul>
      <li><a href="Home.html">Home</a></li>
      <li><a class="on" href="Warden.html">Requests</a></li>
      
    </ul>
  </nav>
  <section>
    <div class="img-sec">
      
      <h1 class="name-header">Outpass <br><label
class="name">M</label>anagement
      <br> System</h1><br>
      <p class="sub"><label class="sub-name"> E-Pass</label></p>
    </div>
  </section>
  <section class="form">
    <form class="con" action="">
      <div class="con-1">
        <div class="con-head">

```

```

        <label class="head">Outpass Request</label>
      </div>
    </div>
    <table class="table table-stripped">
      <tr class="big-info">
        <th>StudentID</th>
        <th>Details</th>
        <th>Click To view</th>
      </tr>
      <tbody id="myTable">

        </tbody>
      </table>
    </form>
  </section>
  <script src="Warden.js" type="text/javascript" defer >
  </script>
</body>
</html>

```

Validw.js

```

window.onload=function(){
  console.log("Page is loaded");
  console.log("Hello");
  console.log("IN warden Login")
  const f = document.getElementById('loginform');
  f.addEventListener('submit',async function(e){
    e.preventDefault();
    var u =document.getElementById('name1').value;
    var p =document.getElementById('pass').value;
    const payload = new FormData();
    payload.append("user_name",u);
    payload.append("password",p);
    var response = await fetch('http://192.168.81.134:5000/wardenLogin', {
      method: 'POST',
      body: payload,

```

```

    })
    if (response.ok) { // if HTTP-status is 200-299
        // get the response body (the method explained below)
        console.log("http s")
        let json = await response.json();
        console.log(json['status']);
        if(json['status']=="success"){
            console.log("if success");
            localStorage.setItem("user_name",u);
            localStorage.setItem("token",json['token']);
            window.location.replace("Warden.html");
        }
        else{
            console.log("if Fail")
            alert("Wrong Username or Password");
        }
    } else {
        console.log("http f")
        alert("failed to get article by title");
    }
}

    })
}
function eye()
{
    var passeye=document.getElementById("pass").type;
    if(passeye=="password")
    {
        document.getElementById("pass").type="text";
        console.log("Hi 123");
    }
    else
    {
        document.getElementById("pass").type="password";
    }
}
}

```

OUTPUT

CH₂ + 2O₂ → CO₂ + 2H₂O

$M = m_r \cdot 10^3$

\sqrt{a}

$3y^2 - 4y + 8$

$\infty = x^2 - x^{\infty}$

Outpass Management System

E-Pass

HOME REQUESTS

Outpass Request

StudentID	Details	Click To view
R170054	Vizag Train	View
R170054	Ananthapur Other	View
R170054	Nellore Plane	View
R170054	Nellore Bus	View

27°C Partly cloudy

ENG US 11:40 PM 9/15/2022

Warden-show1.html

```
<!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">
  <script src="https://kit.fontawesome.com/c0c73cc10c.js"
crossorigin="anonymous"></script>
  <link rel="stylesheet" href="Warden-show1.css">
  <link rel="preconnect" href="https://fonts.googleapis.com">
  <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
  <link
href="https://fonts.googleapis.com/css2?family=Poppins:wght@100;400;500;600;700&d
isplay=swap"
rel="stylesheet">
  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/6.1.1/css/all.min.css">
  <!-- CSS only -->
  <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/css/bootstrap.min.css"
rel="stylesheet" integrity="sha384-
iYQeCzEYFbKjA/T2uDLTpkwGzCiq6soy8tYaI1GyVh/UjpbCx/TYkiZhlZB6+fzT"
crossorigin="anonymous">
  <!-- JavaScript Bundle with Popper -->

  <title>E-Pass</title>
</head>

<body>
  <nav>
    <ul>
      <li><a href="Home.html">Home</a></li>
      <li><a class="on" href="Warden.html">Requests</a></li>
      
    </ul>
  </nav>
</section>
```

```

        <div class="img-sec">
            
            <h1 class="name-header">Outpass <br><label
class="name">M</label>anagement
            <br> System</h1><br>
            <p class="sub"><label class="sub-name"> E-Pass</label></p>
        </div>
    </section>
    <section class="form">
        <form class="con" action="">
            <div class="con-1">
                <div class="con-head">
                    <label class="head">Student Request</label>
                </div>

                <div>
                    <div id="card2">
                    </div>
                    <button type="button" class="btn btn-success"
id="Approve">Approve</button>
                    <button type="button" class="btn btn-danger"
id="Reject">Reject</button>
                </div>
                <div class="reasonforr">
                    <input type="text" class="input-state" placeholder=" " required>
                    <label class="state">Reason For Rejection:</label>
                </div>
            </form>
        </section>
        <script src="Warden-show.js" type="text/javascript" defer >
        </script>
        <script
src="https://cdn.jsdelivrivr.net/npm/bootstrap@5.2.1/dist/js/bootstrap.bundle.min.js
" integrity="sha384-
u10knCvxWvY5kfmNBILK2hRnQC3Pr17a+RTT6rIHI7NnikvbZlHgTP00mMi466C8"
crossorigin="anonymous"></script>
    </body>
</html>

```

Warden-show.js

[illegible]

```

        <p class="card-text" style="color:red">para</p>
        <img style="width:150px;height:150px;" src='${path}'/><br/>
    </div>
</div>`
table2.innerHTML += temp

const f = document.getElementById('Approve');
f.addEventListener('click', async function(e){
    console.log("in button approve")
    e.preventDefault();
    const payload = new FormData();
    payload.append("status", "approve");
    payload.append("key", localStorage.getItem("key"));
    var response = await fetch('http://192.168.81.134:5000/updateStatus', {
        "headers": {"Authorization": localStorage.getItem("token")},
        "method": "POST",
        body: payload,
    })
    if (response.ok) { // if HTTP-status is 200-299
        // get the response body (the method explained below)
        console.log("http in warden-show ok")
        let json = await response.json();
        console.log(json['status']);
        if(json['status']=="success"){
            console.log("if success in warden-show1 js");
            window.location.replace("Warden.html");
        }
        else{
            console.log("if Fail")
            alert("Wrong Username or Password");
        }
    } else {
        console.log("http f")
        alert("failed to get article by title");
    }
})

const f2 = document.getElementById('Reject');
f2.addEventListener('click', async function(e){
    console.log("in button approve")
    e.preventDefault();
    const payload = new FormData();
    payload.append("status", "approve");
    payload.append("key", localStorage.getItem("key"));
    var response = await fetch('http://192.168.81.134:5000/updateStatus', {

```

```

        "headers":{"Authorization":localStorage.getItem("token"),},
        "method":"POST",
        body:payload,
    })
    if (response.ok) { // if HTTP-status is 200-299
        // get the response body (the method explained below)
        console.log("http in warden-show ok")
        let json = await response.json();
        console.log(json['status']);
        if(json['status']=="success"){
            console.log("if success in warden-show1 js");
            window.location.replace("Warden.html");
        }
        else{
            console.log("if Fail")
            alert("Wrong Username or Password");
        }
    } else {
        console.log("http f")
        alert("failed to get article by title");
    }
}
})
}

```

OUTPUT

CH₄ + 2O₂ → CO₂ + 2H₂O

$M = m_r \cdot 10^3$

\sqrt{a}

$3y^2 - 4y + 8$

$\infty = x^L - x^{\sim}$

Outpass Management System

E-Pass

HOME REQUESTS

Student Request

Student Details

ID:R170054 NAME:T Bala Sai Teja BRANCH: CSE STUDENT NO: 9493389659

ADDRESS: 00,Kadapa,Andhra Pradesh-512909 PARENT CONTACT:9652396596

BRANCH: CSE YEAR: 4

para

23°C Partly cloudy

ENG US 11:46 PM 9/15/2022

Conclusion

This web application provides Warden to conduct online outpass management system. It saves time as it allows the students in the University can apply their leave request in their outpass web portal. It is automatically manipulated by the server. Online Leave Management System, being web-based, needs to be thoroughly tested before implementation to find any security gaps.

Future Enhancement

- An alert message and Mail will be sent to the Parent or Guardian as soon as the Outpass is Accepted by the Warden.
- As a security Measure for Female students, an instant picture taking mechanism with time stamp will be made. In this mechanism the students parent has to take a picture with attached a time stamp , Parent and student identity will be verified with the already data present in the Data Bases using ML Techniques.

References

- <https://www.w3schools.com>
- <https://www.arangodb.com/>
- <https://www.javatpoint.com/>
- <https://www.geeksforgeeks.org/>