

COMPUTER SCIENCE AND ENGINEERING (CYBER SECURITY)

KCE OUTPASS

21IC12 & FUNDAMENTALS OF WEB SCRIPTING

MINI PROJECT REPORT

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ABSTRACT

A digital system or platform designed to streamline the process of obtaining permission for students residing in college hostels to leave the premises temporarily. Traditionally, college hostels may require students to fill out physical forms or obtain handwritten permissions from hostel authorities to leave for various reasons, such as personal errands, medical appointments, or other legitimate purposes.

The online college hostel outpass simplifies this process by providing an electronic platform where students can submit their outpass requests digitally. The system typically requires students to log in using their credentials and fill out a digital form with essential details like the purpose of leaving, destination, expected return time, and contact information. Some systems may also allow students to upload relevant documents, if required.

Upon submission, the outpass request is automatically forwarded to the concerned hostel authorities or administrators for review and approval. The digital nature of the system ensures faster processing and reduces the paperwork burden for both students and administrators.

In addition to facilitating the outpass issuance process, the online platform may also enable administrators to track student movements, maintain records, and generate reports for better hostel management and security.

Overall, an online college hostel outpass system enhances efficiency, transparency, and convenience in managing student permissions for leaving the hostel premises, contributing to a smoother and more organized hostel experience for all parties involved.

1. INTRODUCTION

It is designed to simplify the outpass issuance process for students and hostel administrators alike. Through this platform, students can easily submit their outpass requests digitally, eliminating the need for cumbersome paperwork. By logging in with their credentials, students can access a user-friendly interface to enter essential details about their intended departure, including the purpose, destination, expected return time, and contact information.

1.1 Objective

The primary objectives of the OutPass Website mini project are as follows:

User-Friendly Interface:

Develop an intuitive and user-friendly interface that enables users to easily navigate through the website's different sections, ensuring a seamless user experience.

Responsive Design:

Ensure the website is responsive and adapts gracefully to various devices, such as desktops, tablets, and smartphones, to cater to a diverse user base.

Visual Design and CSS:

Apply effective CSS styling to enhance the visual appeal of the website, creating a professional and aesthetically pleasing look and feel.

Practical Learning:

Provide a practical learning experience in web development by applying HTML and CSS concepts to build a functional and interactive web application.

Code Organization and Best Practices:

Practice good code organization, adhere to coding standards, and apply best practices in web development to ensure maintainability and readability of the codebase.

1.REQUIREMENTS SPECIFICATION

Creating a mini project using HTML and CSS is a fantastic way to learn and practice frontend web development. To get started, here are the essential requirements and steps you'll need to consider the following

1. Requirements

Project Idea and Planning:

Choose a clear and achievable project idea. It could be a personal portfolio website, a blog, an e-commerce product showcase, a landing page, or any other creative concept.

Plan the structure, layout, and features of your project. Define the pages, sections, and functionalities you want to include.

Text Editor or Integrated Development Environment (IDE):

Choose a text editor or IDE for coding. Popular options include Visual Studio Code, Sublime Text, Atom, or Brackets.

HTML (Hypertext Markup Language):

Develop the structure of your project using HTML tags.

Create a separate HTML file for each page or section of your project.

Utilize semantic HTML elements for better accessibility and SEO.

CSS (Cascading Style Sheets):

Style your project using CSS to control the visual appearance.

Create a separate CSS file or files to organize your styles.

Apply CSS rules to target HTML elements, classes, and IDs.

Images and Media:

Incorporate images, icons, and other media to enhance visual appeal.

Optimize images for web to improve page loading times.

Testing and Debugging:

Regularly test your project on different browsers (Chrome, Firefox, Safari, Edge) to ensure cross-browser compatibility.

Debug any issues that arise during development.

3.DETAILED DESIGN

In a Kce Outpass Mini Project developed using HTML and CSS, you would utilize a variety of HTML tags and CSS properties to create a user-friendly and visually appealing interface. Here are some HTML tags and CSS properties that you might use:

3.1. HTML & CSS PROERTIES USED AND DESCRIPTION

HTML Tags:

<html>, <head>, <title>: Basic structure of the HTML document.

<meta>: Meta information about the document (e.g., character encoding, viewport settings).

<link>: Linking external CSS stylesheets.

<body>: Main content area of the web page.

<header>, <nav>, <footer>: Structural elements for creating header, navigation, and footer sections.

<section>, <article>, <div>: Dividing the content into meaningful sections and articles.

<h1>, <h2>, <h3>, <p>: Headings and paragraphs for content structure.

, , : Lists (unordered and ordered) for displaying information.

<a>: Creating hyperlinks to navigate between pages or external resources.

<form>, <input>, <button>: Building forms for user input and interaction.

<table>, <th>, <tr>, <td>: Structuring and displaying tabular data.

: Embedding images and icons.

CSS Properties:

font-family, font-size, font-weight, color: Styling text content, fonts, and colors.

margin, padding: Creating spacing around elements.

background-color, background-image, background-size: Customizing background appearance.

border, border-radius: Adding borders and rounded corners to elements.

width, height, max-width: Controlling dimensions and sizing.

display, position, float: Managing layout and positioning.

text-align, line-height: Aligning text and adjusting line spacing.

box-shadow, text-shadow: Adding shadows to elements.

transition, animation: Implementing smooth transitions and animations.

flexbox, grid: Creating responsive and flexible layouts.

hover, focus, active: Pseudo-classes for defining element behavior on user interaction.

4.PROJECT IMPLEMENTATION

\\Login.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <style>
    .align{
      margin-top: 10%;
      margin-left: 10%;
      margin-right: 10%;
      padding: 30px;
      border: 2px solid brown;
      background-color: pink;
    }
    body{
      background-color: #FFEECC;
      text-align: center;
    }

    input{
      background-color: pink ;
      border: none;
      border-bottom: 2px solid black;
    }
    input[type=submit]{
      background-color: brown;
    }
  </style>
  <title>Login</title>
</head>
<body>

  <div class="align">
    
    
    <h1>Welcome To KCE Outpass</h1>
    <h2>Login to continue</h2>
    <form>
    <label> Email </label>
    <br>
    <input type="email">
    <br>
```



```
<label> password </label>
<br>
<input type="password">
<p style="text-decoration: underline;">forget password</p>
<br>
<a href="home page.html"><input type="button" value="login"></a>
</form>

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

\\home.html

```
<!DOCTYPE html>
<html>
<head>
<style>
body{
background-color: #FFEECC;
}
header {
margin-bottom: 1%;
background-color:#FEBBCC;
padding: 20px;
height: 10%;
text-align: center;
font-size: 35px;
color:brown;
}

article {
float: right;
padding: 20px;
width: 85%;
background-color:#FFDDCC;
height: 500px;
color: black;
}
nav {
float: left;
width: 9%;
height: 500px;
background-color: #FFCCCC;
padding: 20px;
```

```

    line-height: 75px;

}
</style>
</head>
<body>

<header>
    
    <h2>KCE OUTPASS</h2>
</header>

<section>
    <nav>
        <a href="details page.html" target="_blank">Apply for outpass</a><br>
        <a href="active outpasses.html" target="_blank">Active Outpass</a><br>
        <a href="history of out pass.html" target="_blank">history of outpass</a>
    </nav>

    <article>
        <h2>
            Welcome to KCE Outpass! An Easyway to get outpass
        </h2>
        <h3>
            Unlock Extraordinary Experiences with KCE outpass
        </h3>
    </article>
</section>

</body>
</html>

```

\\Application.html

```

<!DOCTYPE html>
<html lang="en">
<head>
    <style>
        body{
            background-color: #FFEECC;
        }
        header {
            margin-bottom: 1%;

```

```
background-color:#FEBBCC;
padding: 20px;
height: 10%;
text-align: center;
font-size: 35px;
color: brown;
}
```

```
article {
float: right;
padding: 20px;
width: 85%;
background-color:#FFDDCC;
height: 100%;
color: black;
}
```

```
nav {
float: left;
width: 9%;
height: 500px;
background-color: #FFCCCC;
padding: 20px;
line-height: 75px;
}
```

```
input,textarea{
background-color:pink ;
border: none;
border-bottom: 2px solid black;
}
```

```
input[type=submit]{
background-color:brown;
}
```

```
</style>
```

```
<title>
```

```
Details page
```

```
</title>
```

```
</head>
```

```
<header>
```

```

```

```
<h2>KCE OUTPASS</h2>
```

```
</header>
```

```
<section>
```

```
<nav>
```

```
<a href="home page.html">home page</a><br>
<a href="active outpasses.html">Active Outpass</a><br>
<a href="history of out pass.html">history of outpass</a>
</nav>
<article>
<body style="text-align: center;">
  <h3>
    Enter Your Details
  </h3>
  <form>
    <label>Name</label>
    <br>
    <input type="text">
    <br><br>
    <label>Roll No</label>
    <br>
    <input type="text">
    <br><br>
    <label>Reason For applying Outpass</label>
    <br>
    <textarea name="Reason" rows="3" cols="30"></textarea>
    <br><br>
    <label>Contact No</label>
    <br>
    <input type="number">
    <br><br>
    <label>Total no of days</label>
    <br>
    <input type="number">
    <br><br>
    <label>Date of out</label>
    <br>
    <input type="date">
    <br><br>
    <label>Date of in</label>
    <br>
    <input type="date">
    <br><br>
    <input type="submit">

  </form>
</article>
</body>
</html>
```

\\Activepass.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <style>
    body{
      background-color: #FFEECC;
    }
    header {
      margin-bottom: 1%;
      background-color:#FEBBCC;
      padding: 20px;
      height: 10%;
      text-align: center;
      font-size: 35px;
      color: brown;
    }

    article {
      float: right;
      padding: 20px;
      width: 85%;
      background-color:#FFDDCC;
      height: 500px;
    }
    nav {
      float: left;
      width: 9%;
      height: 500px;
      background-color: #FFCCCC;
      padding: 20px;
      line-height: 75px;
    }
  </style>
  <title>active Outpasses</title>
</head>
<header>
  
  <h2>KCE OUTPASS</h2>
</header>

<nav>
```

```

    <a href="home page.html">home page</a><br>
    <a href="details page.html">Apply for outpass</a><br>
    <a href="histoty of out pass.html">history of outpass</a>
  </ul>
</nav>
<body style="text-align: center;">
  <article>
    <h1>
      Your Active Outpass
    </h1>
    <h3>pass no</h3><h5>0000</h5>
    <h3>name of pass holder</h3><h5>ram</h5>
    <h3>Outpass valid from</h3><h5>00/00/0000</h5>
    <h3>Outpass vaild till</h3><h5>00/00/0000</h5>
  </article>
</body>
</html>

```

\\Histoy.html

```

<!DOCTYPE html>
<html lang="en">
<head>
  <style>

    body{
      background-color: #FFEECC;
    }
    header {
      margin-bottom: 1%;
      background-color:#FEBBCC;
      padding: 20px;
      height: 10%;
      text-align: center;
      font-size: 35px;
      color: brown;
    }

    article {
      float: right;
      padding: 20px;
      width: 85%;
      background-color:#FFDDCC;
      height: 500px;
    }
  </style>

```

```
}
nav {
  float: left;
  width: 9%;
  height: 500px;
  background-color: #FFCCCC;
  padding: 20px;
  line-height: 75px;
}
h3{
  text-decoration: underline;
}
h3.hover{
  color: aqua;
}
</style>
<title>histroy of out pass</title>
</head>
<body style="text-align: center;">
  <header>
    
    <h2>KCE OUTPASS</h2>
  </header>

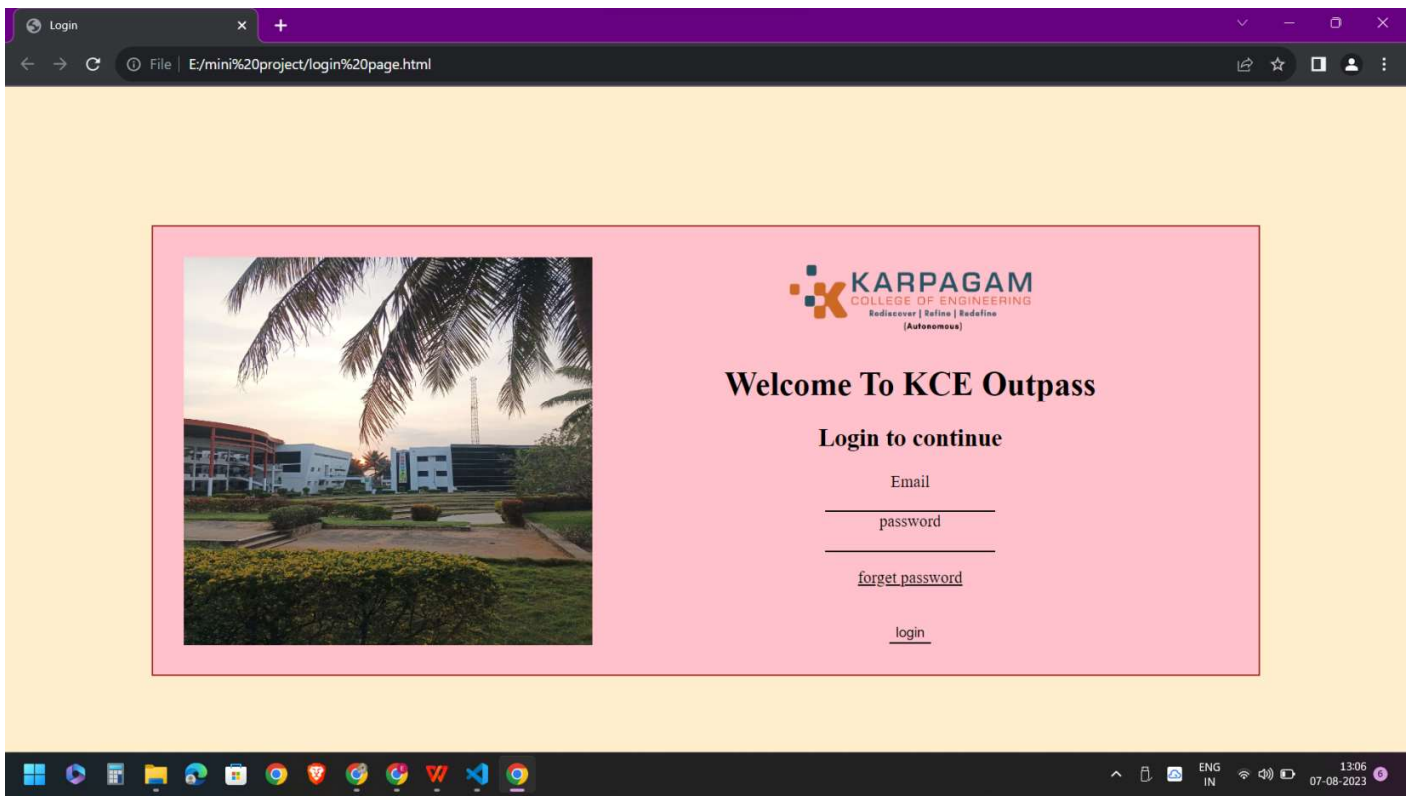
  <section>
    <nav>
      <a href="home page.html">home page</a><br>
      <a href="details page.html">Apply for outpass</a><br>
      <a href="active outpasses.html">Activae Outpass</a>
    </nav>
  <article>
    <h2>History of Outpass</h2>
    <h3>outpass:1</h3>
    <h3>outpass:2</h3>
    <h3>outpass:3</h3>
    <h3>outpass:4</h3>
  </article>

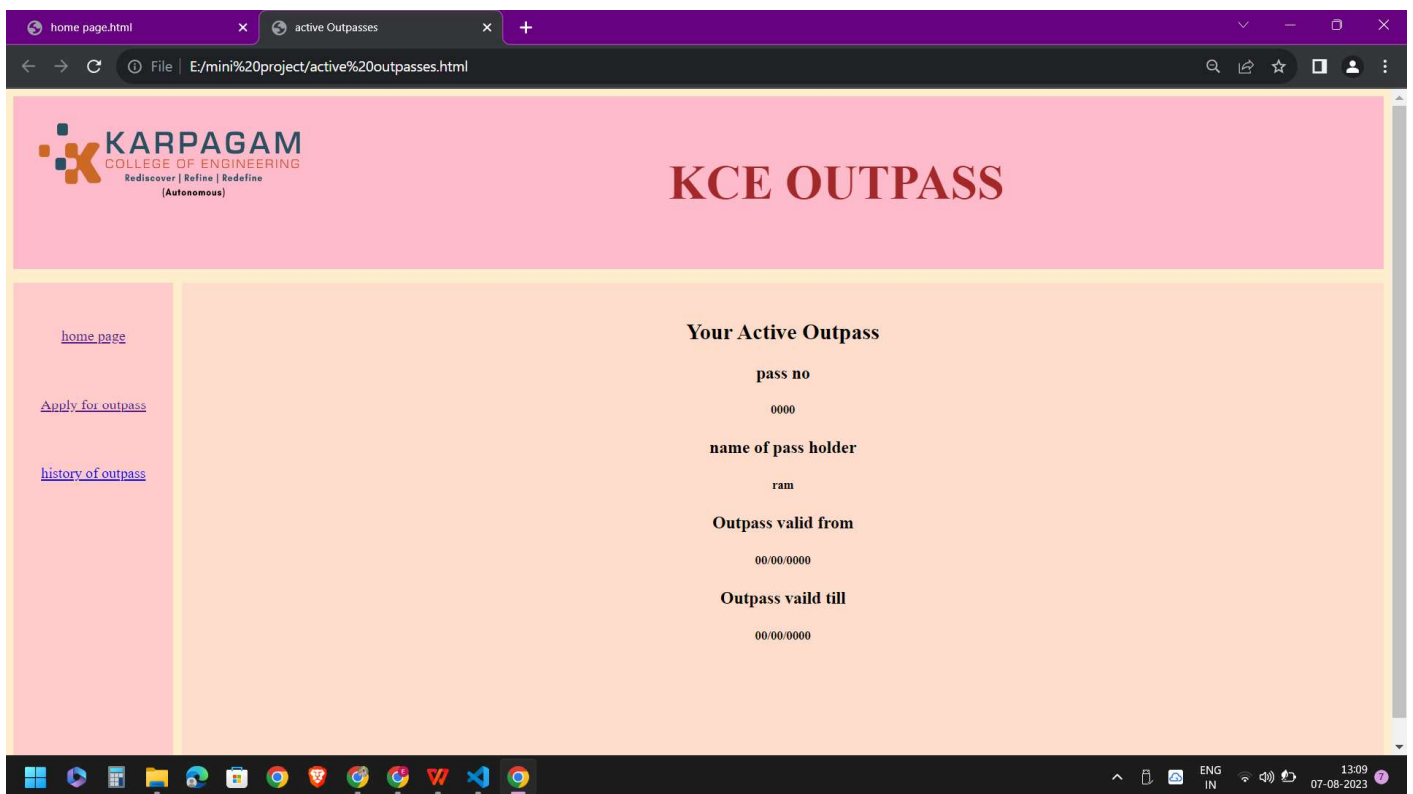
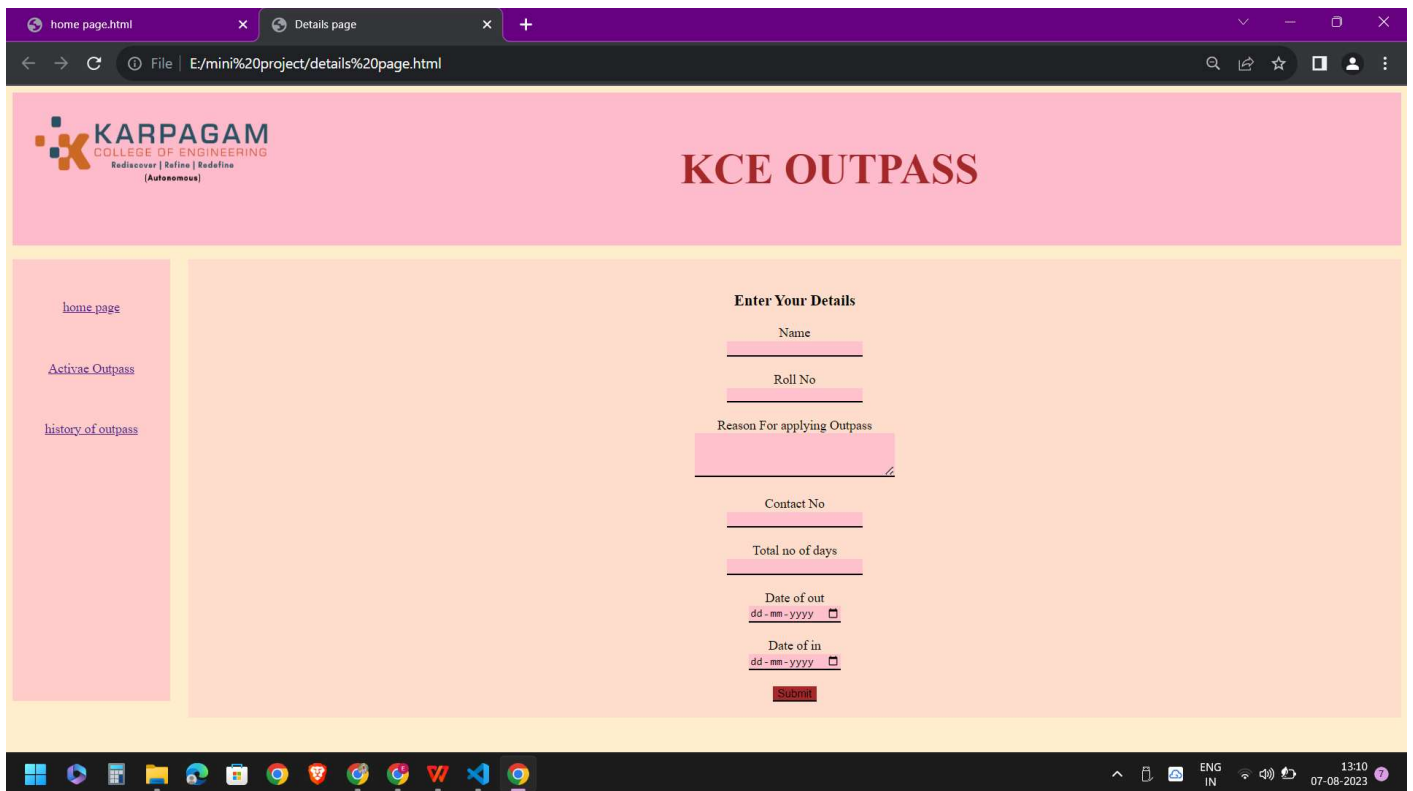
</body>
</html>
```

IMAGES USED:



OUTPUT:







5.CONCLUSION

In conclusion, the implementation of an online college hostel outpass system brings significant benefits to both students and hostel administrators. By digitizing the outpass issuance process, it simplifies and expedites the permission-seeking procedure for students, eliminating the need for cumbersome paperwork and reducing waiting times. The user-friendly interface allows students to submit their outpass requests efficiently, enabling them to plan their trips with greater convenience and flexibility.