



**MAHARASHTRA STATE BOARD OF TECHNICAL EDUCATION,
MUMBAI**

GOVERNMENT POLYTECHNIC KARAD

THIRD YEAR DIPLOMA COMPUTER ENGINEERING (I-SCHEME)

PART [B]

MICRO-PROJECT REPORT

“TRAVEL MANAGEMENT SYSTEM”

UNDER THE SUBJECT

CLIENT SIDE SCRIPTING (22519)

SUBMITTED BY

Sr.no	Roll No	Enrollment No	Name of Team Member
1.	2251	2100100053	Pratik Pramod Shejwal
2.	2254	2100100056	Shravani Bharat Mahajan
3.	2260	2100100063	Riya Sunil Kharade

UNDER THE GUIDANCE

Prof. Emekar S.P.

(DEPARTMENT OF COMPUTER ENGINEERING)

2023-24



**MAHARASHTRA STATE BOARD OF TECHNICAL EDUCATION,
MUMBAI.**

Certificate of completion

Of Micro-project Assessment at the end of Semester

This is to certify that,

Sr.no	Roll No	Enrollment No	Name of Team Member
1.	2251	2100100053	Pratik Pramod Shejwal
2.	2254	2100100056	Shravani Bharat Mahajan
3.	2260	2100100063	Riya Sunil Kharade

Has successfully completed “Travel Management System” Micro-project of the Fifth semester Diploma in Computer Engineering of subject Advanced Java Programming (22517) from Government Polytechnic Karad. Institute with Institute code (0010).

Prof.S.P.Emekar
(Project Guide)

Prof. S. B. Patil
(Head of the department.)

Dr. R. K. Patil
(Head of Institute)



ACKNOWLEDGEMENT

We take this opportunity to thank all those who have directly and indirectly inspired, directed and assisted us towards successfully completion of this project report.

We express our sincere thanks to Dr R. K. Patil Principal of Government Polytechnic, Karad and the Head of Department Prof. Patil S.B, for having us allowed to submit this report as a part of our academic learning.

We express our sincere thanks to Prof.S.P.Emekar Lecturer in Computer Engineering, Govt. Polytechnic, Karad for encouragement throughout the project report and guideline in designing and working out this project. We are also grateful to team of project

Place: Government polytechnic Karad

Date: 28/10/2023

Yours Sincerely,

2251-Pratik Pramod Shejwal
2254-Shravani Bharat Mahajan
2260-Riya Sunil Kharade

MICRO-PROJECT REPORT

“TRAVEL MANAGEMENT SYSTEM”

➤ RATIONALE:

"In our project, the primary goal is to craft a frontend interface of website that places user experience at the forefront. We envision an interface that is not only user friendly but also exceptionally intuitive, allowing users to effortlessly navigate the system without requiring extensive training. Our commitment to updates ensures that users are always in the know, receiving the latest information on travel plan statuses, availability, pricing, and other pertinent travel details. Security is paramount in this endeavour, and we prioritize safeguarding user data through the implementation of a robust and secure login system, ensuring that only authorized individuals can access sensitive information. Through these core principles, we aim to create a travel management system that is not just user-centric and efficient but also unyielding in its commitment to data security, meeting the dynamic needs of both users and the travel industry."

➤ AIM AND BENEFITS:

- AIM:

1. User-Friendly Interface: Aims to create an intuitive and accessible interface for easy interaction with the system.
2. Cost Optimization: Aims to help users save money by offering cost-comparison tools and budget conscious travel recommendations.

- BENEFITS:

1. Efficient Travel Planning: Streamlines and automates trip planning, creating tailored itineraries based on user preferences.
2. Real-time Updates and Alerts: Provides instant notifications about travel-related changes, enhancing user awareness and adaptability during their journey.

➤ COURSE OUTCOMES:

CO a] Develop program using GUI framework (AWT and Swing).

CO b] Handle events of AWT and swing components.

CO c] Develop programs to handle events in java programming.

CO e] Develop program using database

➤ LITERATURE REVIEW:

- 1) We referred following link
<https://www.javatpoint.com/>

➤ ACTUAL PROPOSED METHODOLOGY:

- 1) Discussion about given topic.
- 2) Selection of good leader and distribution of responsibilities.
- 3) Collection of information using different resources.
- 4) Analysis of given information.
- 5) Presentation of given report.
- 6) Completion and submission of given tasks.

➤ ACTUAL RESOURCES REQUIRED:

Sr.no	Name of Resources	Specification	Quantity
1.	Computer system	Laptop i5 Processor 11 th Generation	1
2.	Ms Word	Microsoft Word 2021 MSO 64 bit	-
3.	Internet	4G, Wi-Fi	-
4.	Book	You Don't Know JS	1
5.	Software	VS Code, Notepad++	2

➤ OUTPUT OF MICROPROJECT:

1. PROGRAM CODE:

1. Contact Us Page

```
<!DOCTYPE html>
<html>
<head>
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title></title>
  <link rel="stylesheet" href="css/style.css">
  <link rel="preconnect" href="https://fonts.googleapis.com">
  <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/6.4.2/css/all.min.css">
  <link
href="https://fonts.googleapis.com/css2?family=Poppins:wght@400;600;700
&display=swap" rel="stylesheet">
  <link rel="stylesheet" href="/css/style.css">
```

```

    <script src="https://kit.fontawesome.com/c4254e24a8.js"
crossorigin="anonymous"></script>
</head>
<body>
    <section class="header">

        <a href="home.html" class="logo"></a>

        <nav class="navbar">
            <a href="home.html">Home</a>
            <a href="about.html">About</a>
            <a href="package.html">Package</a>
            <a href="index.html" class="active">Contact us</a>
        </nav>

        <div id="menu-btn" class="fas fa-bars"></div>

    </section>
    <div class="container">
        <form action="https://formspree.io/f/xknlzvzg" method="post">
            <i class="fas fa-paper-plane"></i>
            <div id="popY" class="pop">
                <h2>Submitted</h2>
                <p>Enjoy your journey, Thanks!</p>
                <button class="button" id="buton">Ok</button>
            </div>
            <div class="input-group">
                <label>Full Name</label>
                <input type="text" placeholder="Enter your name" id="contact-name"
name="Name" required onkeyup="validateName()">
                <span id="name-error"></span>
            </div>

            <div class="input-group">
                <label>Phone No.</label>
                <input type="tel" placeholder="+91 XXXXXXXXXXXX" id="contact-
phone" name="Phone" required onkeyup="validatePhone()">
                <span id="phone-error"></span>
            </div>

            <div class="input-group">
                <label>Email Id</label>
                <input type="email" placeholder="Enter Email" id="contact-email"
name="Email" required onkeyup="validateEmail()">
                <span id="email-error"></span>
            </div>

            <div class="input-group">
                <label>Your Message</label>

```

```

        <textarea rows="5" placeholder="Enter your message" name="Message"
required id="contact-message" onkeyup="validateMessage()"></textarea>
        <span id="message-error"></span>
    </div>

    <button onclick="return validateForm()" >Submit</button>
    <span id="submit-error"></span>

</form>

</div>
<section class="footer">
    <div class="box-container">
        <div class="box">
            <h3>quick links</h3>
            <a href="home.html"> <i class="fas fa-angle-right"></i> home</a>
            <a href="about.html"> <i class="fas fa-angle-right"></i> about</a>
            <a href="package.html"> <i class="fas fa-angle-right"></i>
package</a>
            <a href="book.html"> <i class="fas fa-angle-right"></i> book</a>
        </div>
        <div class="box">
            <h3>extra links</h3>
            <a href="#"> <i class="fas fa-angle-right"></i> about us</a>
            <a href="#"> <i class="fas fa-angle-right"></i> ask questions</a>
            <a href="#"> <i class="fas fa-angle-right"></i> terms of use</a>
            <a href="#"> <i class="fas fa-angle-right"></i> privacy policy</a>
        </div>
        <div class="box">
            <h3>contact info</h3>
            <a href="#"> <i class="fas fa-phone"></i> +91 8261810537 </a>
            <a href="#"> <i class="fas fa-phone"></i> +111-2222-333333 </a>
            <a href="#"> <i class="fas fa-envelope"></i>
pratikshejwal88@gmail.com </a>
            <a href="#"> <i class="fas fa-map"></i> Satara, Maharashtra - 415002
</a>
        </div>
        <div class="box">
            <h3>follow us</h3>
            <a href="#"> <i class="fab fa-linkedin"></i> linkedin </a>
            <a href="#"> <i class="fab fa-facebook-f"></i> facebook </a>
            <a href="#"> <i class="fab fa-instagram"></i> instagram </a>
            <a href="#"> <i class="fab fa-twitter"></i> twitter </a>
            <div><p>Please enter valid phone number</p></div>
        </div>
    </div>

</section>
</script>
</body></html>

```

2. Javascript

```
var buton = document.getElementById("buton")
var pop = document.getElementById("pop")
var nameError = document.getElementById("name-error")
var phoneError = document.getElementById("phone-error")
var emailError = document.getElementById("email-error")
var messageError = document.getElementById("message-error")
var submitError = document.getElementById("submit-error")

function openP () {
    pop.classList.add("openpop")
}
function closeP() {
    pop.classList.remove("openpop")
}

function validateName()
{
    var name = document.getElementById("contact-name").value
    if(name.length == 0)
    {
        nameError.innerHTML = "Name is required";
        return false;
    }
    if(!name.match(/^[A-Za-z]*\s{1}[A-Za-z]*$/))
    {
        nameError.innerHTML = "Write full name";
        return false;
    }
    nameError.innerHTML = '<i class="fas fa-check-circle"></i>'
    return true;
}

function validatePhone() {
    var phone = document.getElementById("contact-phone").value
    if (phone.length == 0) {
        phoneError.innerHTML = 'Phone no is required'
        return false;
    }
    if (phone.length == 0) {
        phoneError.innerHTML = 'Phone no should be 10 digit'
        return false;
    }
    if (!phone.match(/^\+91\s[789]\d{9}$/))
    {
        phoneError.innerHTML = 'Phone no is required'
        return false;
    }
}
```



```

phoneError.innerHTML = '<i class="fas fa-check-circle"></i>'
return true;
}

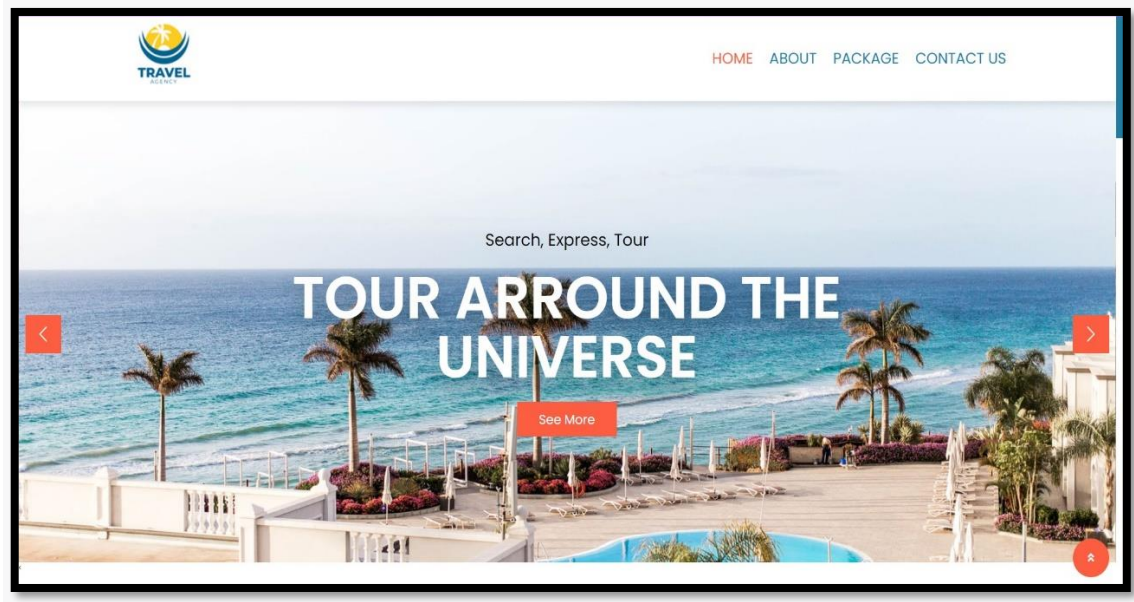
function validateEmail(){
var email = document.getElementById("contact-email").value
if(email.length == 0)
{
    emailError.innerHTML = "Email is required"
    return false
}
if(!email.match(/^[a-zA-Z0-9._%+-]+@[a-zA-Z0-9.-]+\.[a-zA-Z]{2,}$/))
{
    emailError.innerHTML = "Invalid Email"
    return false
}
emailError.innerHTML = '<i class="fas fa-check-circle"></i>'
return true;
}

function validateMessage(){
var message = document.getElementById("contact-message").value
var required = 10;
var left = required - message.length
if(left > 0)
{
    messageError.innerHTML = left + ' More characters required';
    return false
}
messageError.innerHTML = '<i class="fas fa-check-circle"></i>'
return true;
}

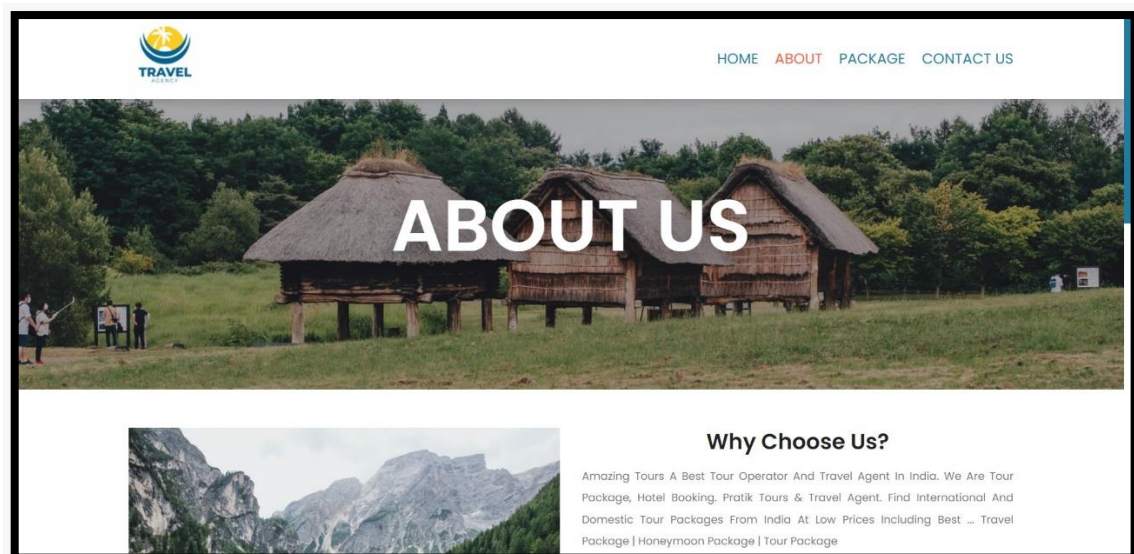
function validateForm(){
    if(!validateEmail() || !validatePhone() || !validateName() ||
    !validateMessage())
    {
        submitError.style.display = "block"
        submitError.innerHTML = "Invalid Credentials"
        setTimeout(() => {
            submitError.style.display = 'none'
        }, 3000);
        return false
    }
}

```


1) Home Page



2) About Page



3) Contact Us Page

HOME ABOUT PACKAGE CONTACT US

Full Name

P

Write Full Name

Phone No.

+91 988261984

Phone No Is Required

Email Id

Shejwalpl47@Gmail.


Invalid Email

L;E,

Your Message

6 More Characters Required

Submit

HOME ABOUT PACKAGE CONTACT US

Full Name

Pratik Shejwal

Phone No.

+91 8275005788

Email Id

Riyakharade@Gmail.Com

Riya Shrivani

Your Message

Submit

➤ **SKILL DEVELOPED/ LEARNING OUT OF THIS MICRO-PROJECT**

- Improving logical thinking and Programming Skills.
- Importance of Database Connectivity.
- Efficient communication skills.
- Working as a team member for developing program.
- Developing leadership qualities.

➤ **APPLICATION OF MICROPROJECT :**

- This project can be used in the implementation of Travel Management System.
- The project can be also used to understand Client Side Scripting.

➤ **CONCLUSION OF MICROPROJECT:**

In conclusion, the development of our client side scripting microproject for the travel management system has demonstrated the effective integration of essential functionalities such as showing detailed information about website, sending email to owner of website while also enabling efficient searching capabilities. This comprehensive system not only streamlines administrative tasks but also enhances the overall efficiency of managing clients.

➤ **References:**

- 1)We referred book, Book Name is You Don't Know JS, by-Kyle Simpson
- 2)We referred following link :

- 1.<https://www.javatpoint.com/>
- 2.<https://www.geeksforgeeks.org/>