



Indian Institute of Information Technology, Una [HP]

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PRACTICUM-III

REVIEW-I

CSL306/ECL305/ITL306

Student Name	Magraj	Roll No.	23135
Batch No.	B-17	Semester	III
Branch	CSE	Supervisor(s)	Dr. Akhil Walia

1. Title of the Project

Travel Web Site

2. Introduction

- Users can explore various destinations, including detailed guides, top attractions, and local insights.
- Users can estimate travel costs, find budget-friendly options, and track their expenses.

3. Problem Definition

- Travelers face the challenge of evaluating large volumes of information from multiple sources, causing analysis paralysis.

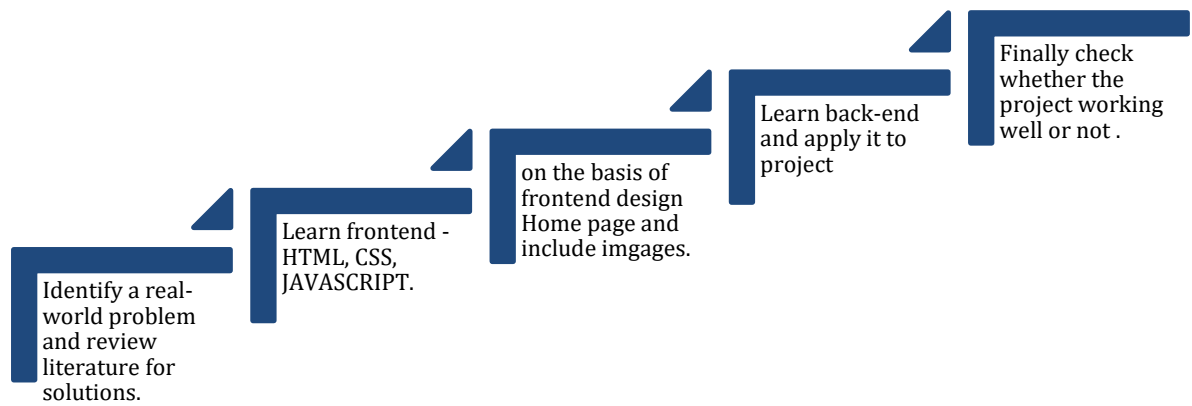
4. Objectives

- Integrate Comprehensive Travel Services.
- Foster a Community of Travelers.
- Ensure Mobile Accessibility and Responsiveness.
- Offer Personalized Travel Recommendations.
- Security system

5. Skillset additionally required to solve/address the problem

- HTML and CSS: Understand the basics of structuring web content (HTML) and styling (CSS).
- JavaScript or Python: Proficiency in JavaScript for interactivity or Python for back-end development.
- Back-End sWeb Programming Languages: Familiarity with languages like PHP, Java, Ruby, or .NET.

6. Block schematic/algorithm/coding/testing metrics/experiments/result graphs/technical papers



7. Weekly milestones

Week	Major Activities to be Completed
Week 1	Define the Purpose and Scope <ul style="list-style-type: none"> • Determine the main goals of your website (e.g., travel blog, booking site, travel guides). • Identify your target audience. • List essential features (e.g., user accounts, booking system, blog, forums).
Week 2	Market Research <ul style="list-style-type: none"> • Analyze competitors and market trends.
Week 3	Wireframing (BluePrint) <ul style="list-style-type: none"> • Create wireframes for key pages (home, about, contact, services, blog).
Week 4	Content Strategy <ul style="list-style-type: none"> • Plan your content (articles, images, videos). • Develop a content calendar.

Week 5	Set Up Development Environment <ul style="list-style-type: none"> • Set up version control . • Configure the development environment (e.g., local servers, databases).
Week 6	Begin Development <ul style="list-style-type: none"> • Implement the front-end design (HTML, CSS, JavaScript). • Set up the back end (database setup, server-side logic).
Week 7	Develop Core Features <ul style="list-style-type: none"> • User authentication (sign up, login). • Content management (blogging system, image/video uploads). • Booking system (if applicable).
Week 8	Responsive Design <ul style="list-style-type: none"> • Ensure the site is mobile-friendly. • Test on various devices and browsers
Week 9	Create Initial Content <ul style="list-style-type: none"> • Write and publish initial blog posts. • Upload images and videos. • Create static pages (about, contact, services).
Week 10	SEO and Analytics <ul style="list-style-type: none"> • Optimize content for SEO. • Set up Google Analytics and other tracking tools.
Week 11	<ul style="list-style-type: none"> • Testing <ul style="list-style-type: none"> • Conduct thorough testing (functional, usability, performance). • Fix bugs and issues. • User Feedback <ul style="list-style-type: none"> • Get feedback from beta testers.

	<ul style="list-style-type: none"> • Make necessary adjustments.
Week 12	<ul style="list-style-type: none"> • Pre-Launch Preparations <ul style="list-style-type: none"> • Set up email subscriptions and newsletters. • Prepare launch announcements (social media, press releases). • Launch <ul style="list-style-type: none"> • Deploy the website to the live server.

8. Completed Milestones

- General discussion with the mentor about the project.
- Searching real world problem.
- And Finding Achievable solution for that.
- Learn HTML, CSS and little more about JAVASCRIPT
- Selecting the project, collecting the information and literature review.
- Making the final project plan and submitting it.
- Literature Review.
- Weekly discussion with supervisor.

9. Milestones to be Completed

- Implement the front-end design (HTML, CSS, JavaScript).
- Set up the back end (database setup, server-side logic).
- Develop Core Features
- Ensure the site is mobile-friendly.
- Create Initial Content
- Conduct thorough testing (functional, usability, performance).

10. Expected Challenges

- Integrating various data sources, such as booking information and local events, into a single platform can be complex.
- Protecting user data, including personal information and payment details, is critical.
- Managing a vast amount of content, including destination guides, user reviews, and travel tips, can be overwhelming.

Name and Signature of Student

Name and Signature of Supervisor