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## MINI PROJECT SYNOPSIS

*ON*

## "TOURISM WEBSITE"

MINI PROJECT REPORT SUBMITTED TO THE  
VII<sup>th</sup> SEMESTER WEB PROGRAMMING LAB

BACHELOR OF TECHNOLOGY

*IN*

COMPUTER SCIENCE & ENGINEERING

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## 1. Introduction

Web development is the work involved in developing a Web site for the Internet or an intranet. Web development can range from developing a simple single static page of plain text to complex Web-based Internet applications, electronic businesses, and social network services.

Hypertext Markup Language (HTML) is the standard markup language for documents designed to be displayed in a web browser. It can be assisted by technologies such as Cascading Style Sheets and scripting languages such as JavaScript.

JavaScript, often abbreviated as JS, is a programming language that conforms to the ECMA Script specification. JavaScript is high-level, often just-in-time compiled, and multi-paradigm. It has curly-bracket syntax, dynamic typing, prototype-based object-orientation, and first-class functions.

Django is a high-level Python Web framework that encourages rapid development and clean, pragmatic design. Built by experienced developers, it takes care of much of the hassle of Web development, so you can focus on writing your app without needing to reinvent the wheel. It's free and open source.

## **2. Problem Definition**

The main objective of this project is to develop a Tourism website. The purpose of the website is to establish a fact that internet users are increasing today. One of the main purposes of the website is to facilitate the offline customers to be serviced online because customers cannot spend their precious time in markets trying to find out the best deal. Our project helps the customers to find out the best deals at their fingertips.

### **3. Operational Definition**

- Creating models for user name, phone number and password for user signup.
- Import sqllite3 file to your database software
- Make migrations with the models created in step 1 by using the following command  
Python manage.py make migrations
- Then restart the server using the following command  
Python manage.py runserver
- Then refresh the page to use the website.

## **4. Scope of the Project**

Tourism and Analysis is a real time web development-based project, where the user needs to create an account to book the places to where he wants to visit. After creating the account, the user needs to login with his credentials with which created his account. Then after signing in he can choose the places he wants to visit and he is directed to payment option.

The website can be managed by the Admin who has some special permissions like he can add the places to the view and he can remove the places of his choice. He is also able to fix the price for each place the user wants to visit.

The above web application is managed by the backend administration in which it involves in operating with the Database. Database is the place where the places and its prices get stored and modified later.

## **5. Software and Hardware Requirements**

### **SOFTWARE REQUIREMENTS:**

- Text Editor (pycharm, atom, sublime text, etc..)
- Tools
  - Front End: HTML, CSS, JAVASCRIPT, BOOTSTRAP
  - Backend: Python Django)
- Google Chrome (Version 80+)

### **HARDWARE REQUIREMENTS:**

- Processor – Intel Core i3 or higher
- Memory – 4GB RAM
- Hard Disk Drive - 500GB

## **6. References**

- [https://www.researchgate.net/publication/258847238\\_Comparing\\_Web\\_Sites\\_An\\_Experiment\\_In\\_Online\\_Tourism\\_Marketing](https://www.researchgate.net/publication/258847238_Comparing_Web_Sites_An_Experiment_In_Online_Tourism_Marketing)
- <https://www.w3schools.com/whatis/>