

**SYNOPSIS**  
**ON**  
**TravelGo: Your Smart Travelmate**

Submitted in  
Partial Fulfillment of requirements for the Award of Degree  
*of*  
Bachelor of Technology  
*In*  
Computer Science and Engineering  
By

**(Project Id: 21B02)**

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# **Synopsis**

## **1. Introduction**

A responsive and Dynamic web service for recommending best transportation medium/ combination of transportation mediums from one destination to other via Train, Flight or Cab. It will suggest fastest as well as cheapest option to travel by single travel mode or combinational travel mode (i.e. Travel by Bus, then travel by Train followed by Car journey between source-destination pair if single mode of travel is not available including in between transit time.

## **2. Literature Review**

### **Back-End Web-Application Development and the Role of an Admin**

Vishesh S, Kavya P Hathw, Ranjan Ravishankar ,Nandhishwara BN , Hema ,  
Amulya HP

Development of web applications or other applications such as windows applications, android/iOS applications are generally carried out in two stages –Back-end development [1] and Front-end development. In this paper, we illustrate the back-end design of a web-based application using MySQL [2] as the back-end tool. In a web application, different categories of login exist like user login, client login, and the administrator login or the admin login. The administrator of a website enjoys added privileges as compared to the user or the client. In this paper, we illustrate the added privileges that the admin savours and his role in managing and amending the website when needed or on a periodic basis. An admin is responsible for adding, deleting and editing employees and employee information; protecting the website against intrusions by proper security settings and encryption; manually adding, deleting or editing items for sale and manually checking the sales report in case of report corrigenda.

### **B A Research Paper OnWebsite Development OptimizationUsing Xampp/PHP**

V PunamKumari and Rainu Nandal,M.Tech Research Scholar,MDU,  
Rohtak,Haryana, Asst. Prof, M.Tech, MDU, Rohtak, Haryana, India

This research paper discussing the various useful tools and techniques that are used in a development of a website. We also discuss about the procedure follow in a website,

mostly focused on a local host named Xampp tool .Next, we compare different development frameworks web application. In addition, we discuss life cycle model and framework development of web application. In this report, various review papers result also included for understanding of problems can be facing by the users. This Paper tells about the technologies used in this development, PHP and explained in result its functionality with Xampp..

### **Competitor Perceptions in Tourism Coopetition**

Wojciech Czakon, Katarzyna Czernek-MarszałekFirst Published January 9, 2020

This study aims at understanding how coopeting tourism managers perceive their competitors. Competitor perceptions are consequential because they have implications for interfirm relationships. Collaboration with competitors offers benefits otherwise unattainable, such as improved destination marketing, more successful attracting of tourists, increased tourism product complexity, and better service, but is used to various degrees by tourism firms. We use a purposeful sampling procedure for maximum heterogeneity to select interviewees from Polish tourism DMO member firms. We inductively code and thematically group their perceptions to find that tourism managers develop a detailed understanding of collaboration with competitors and precisely identify their competitors, but interpret this so as to either facilitate collaboration or to remain in rivalrous mode, depending on their behavioral disposition. We propose a framework for developing perceptions with mindsets in a pivotal role.

### **New Insights into the Role of Personal Income on International Tourism**

Aon Waqas-Awan, Jaume Rosselló-Nadal, Jaume Rosselló-Nadal

This study aims to investigate the role of personal income in the income elasticity of tourism demand and, more specifically, the hypothesis that the richest and poorest individuals both tend to react less to changes in income than middle-class individuals, who tend to be more sensitive. To that end, this study applies different strategies within the context of a gravity model, using yearly data from 1995 to 2016 and bilateral tourism flows between 192 countries. Results show that income elasticity is determined to a significant extent by per capita income in the origin country and they confirm the inverted-U relationship between income elasticity and personal income. The study indicates that middle-income countries are more elastic than low- and high-income ones, while high-income countries display an inelastic or nonsignificant relationship.

## **3. Project Objective**

The main objective of this project is to implement a web service for recommending best transportation medium/ combination of transportation mediums from one destination to other.

#### **4. Feasibility Study:**

- **Economic Feasibility:**

This project will help in reducing cost for subscribing for various Travel services and Travel agents. On an average a Travel agent take 400-16000 INR per trip/ journey.

- **Technical Feasibility:**

The entire project will be hosted using hosting providers. Hence there is no need to install extra machines on the project site.

- **Operational Feasibility:**

The project will help in easier operational activity, by empowering the clients to use this system themselves instead of being dependent on the travel agents for any Journey.

- **Time Feasibility:**

The project will be completed on or before 20th November 2020.

#### **5. Methodology/ Planning of work**

- **Planning Phase**

In this phase we will be focusing on planning how the overall system will work, what technologies will be used in the development of this system, what features can we add in this application and what are the audiences that we are targeting.

- **Designing Phase**

In this phase we will design the system that will be able to calculate the best transportation medium / combination of transportation mediums between two points.

- **Developing Phase of the Core Components**

In this phase we will be developing the feature in the system that is capable of calculating all costs and provide the best cost according to our budget.

- **Developing Phase of the Recommendation System**

In this phase the development of recommendation system takes place that will be able to recommend the other things according to our budget.

Like Hotels, Visiting places at the destination and in the route etc.

- **Testing Phase**

In this phase we will be implementing and testing all the features, improving the overall system with some basic tweaks, etc.

- **Maintenance Phase**

When the project will be live we will be able to maintain this project and fix bugs if found.

Each part is handled by each member of team, specialized in the field.

Frontend will be handled by Dipali Singh.

Development of scalable backend will be handled by Kritansh Mehrotra and Gaurika Dwivedi. Development of recommendation system will be handled by Mohit Kumar Singh.

## **6. Facilities required for proposed work**

### **6.1 Hardware Requirements**

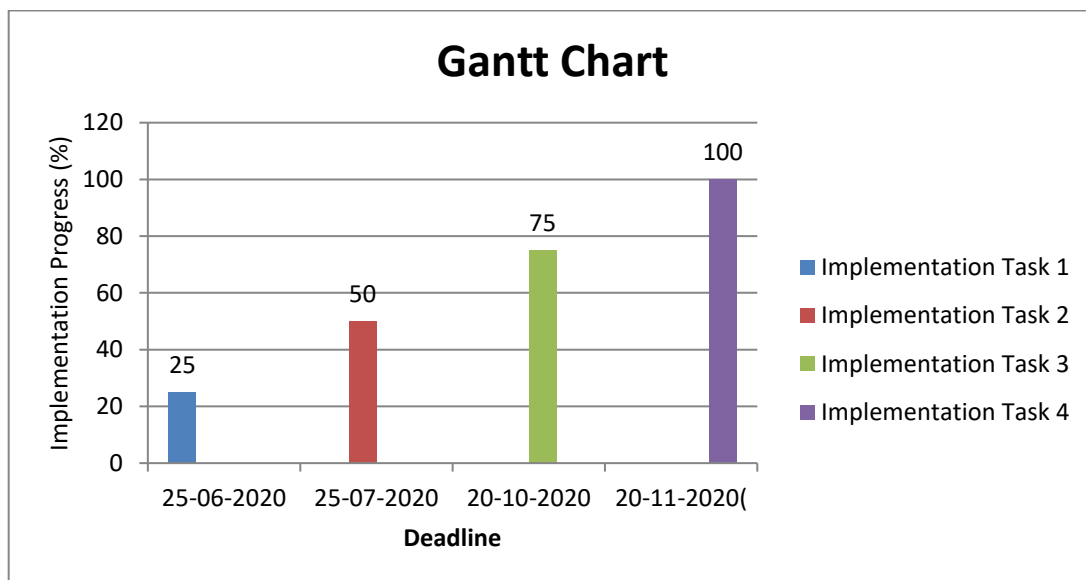
Machine having:

- Intel: Fourth Gen i3 or greater / AMD: A4 or greater Processor
- Minimum 4 GB of Random-Access Memory (RAM)
- 10 GB of HDD/SSD free space.
- Windows 7 or greater/ Ubuntu 14.04 or greater OS

## 6.2 Software Requirements

- XAMPP(Apache services, MySQL services)
- A Text Editor (Sublime text/Note plus plus)
- Jupyter

## 7. Schedule of activities (Gantt chart):



**Implementation Task 1: Planning Documentation and Designing**

**Implementation Task 2: Development of Front End (Web)**

**Implementation Task 3: Development of Backend Server**

**Implementation Task 4: Development of Recommendation Engine**

## 8. Chaptalization

### 1. Introduction:

It is a quick way to decide your journey with not human roles/travel agents with best recommendations given to our users.

## **2. Research Methodology:**

Objectives of the study were the technologies currently being used in the applications available and how to improve the security while transferring files.

Nature of study were observation, discussions and review of documents (e.g. diaries, historical documents).

## **3. Analysis and Development:**

We found out the minimal technologies required for our application to work and found out the feasibility of the project to be truthful and considered the research methodology to develop a time graph for our application development.

## **4. Conclusion:**

The designed system will be able to Calculate the best budget and transportation mediums and will be able to recommend other things according to user behavior.

## **9. References**

<https://journals.sagepub.com/>

<https://journals.sagepub.com/doi/full/10.1177/0047287519896011>

<https://journals.sagepub.com/doi/full/10.1177/0047287520907702>

<https://journals.sagepub.com/doi/full/10.1177/0047287519896012>

<https://www.ijarcce.com/upload/2017/september-17/IJARCCE%2011.pdf>

<https://www.ijarcce.com/upload/2017/september-17/IJARCCE%2011.pdf>