

# A One Stop Solution focusing on Tourism

**Batch Number: COM12**

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**Name of the Program: COMPUTER ENGINEERING**

**Name of the HoD: GOPAL KRISHNA SHYAM**

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# Content

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# Problem Statement Number: PSCS235

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Organization: PRESIDENCY UNIVERSITY

Category : Software

Problem Description: A One Stop Solution focusing on Tourism

Difficulty Level: Simple



**PRESIDENCY  
UNIVERSITY**  
Private University Established in Karnataka State by Act No. 41 of 2013



# Analysis of Problem Statement

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Technology Stack Components:

## 1. Frontend and Backend:

- > **React.js** or **Vue.js** is used for web, and React Native is used for mobile apps.
- > **Node.js** with **Express** or **Python** with **Django** for server logic.
- > **PostgreSQL** or **MongoDB** for databases.

## 2. APIs and Integrations:

- > **Google Maps API** for location services.
- > **GPay, Paytm, PhonePe** for payments .
- > **Uber/Rapido** etc for cab/auto bookings.

## 3. Cloud & Hosting:

- > **AWS India** or **GCP India** for hosting and data storage.

# Analysis of Problem Statement (contd...)

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## Software and Requirements:

- Database : pgAdmin for PostgreSQL or MongoDB Compass (for MongoDB)
- Frontend and Backend: IDE like Visual Studio Code
- Version Control: Git



# Analysis of Problem Statement (contd...)

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**Intuitive Design:** Easy navigation with a clean, user-friendly interface

**Frontend:** Responsive design for mobile and desktop compatibility.

**Time-Saving:** save users time and reduce the hassle of travel planning.

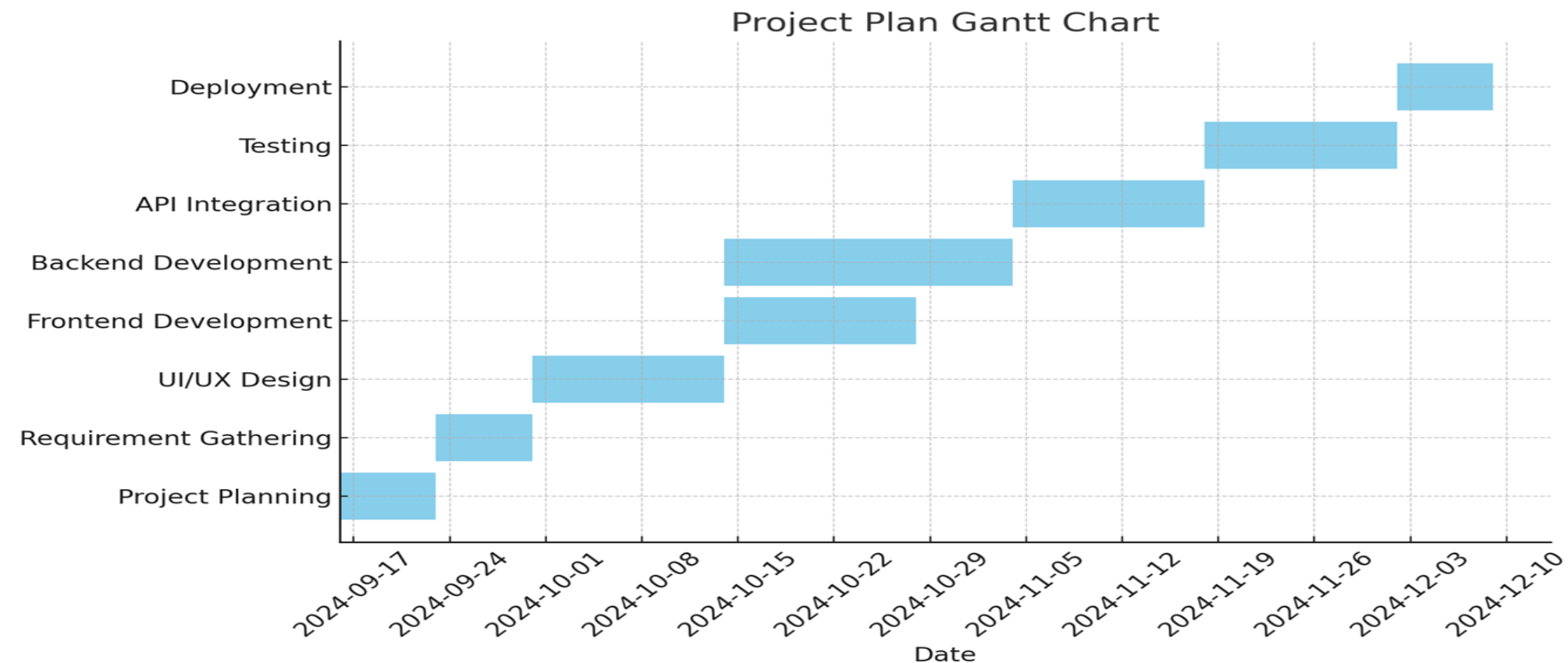
**Increased Efficiency:** Centralized platform for managing all aspects of travel.

**Technical Risks:** Address potential issues with platform scalability and security.

**Research and Planning:** Conduct market research to refine the platform's features.

# Timeline of the Project (Gantt Chart)

## Gantt Chart



## References (IEEE Paper format)

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><https://ieeexplore.ieee.org/abstract/document/9306787>

><https://ieeexplore.ieee.org/abstract/document/8377828>





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Thank  
You!

