**Team - Runtime Terror**

**IIT -Goa**

Problem statement -**Tourism and City Exploration**: Design a website or mobile app using HERE Location Services and Mobile SDKs that offers guided tours, historical information, and interactive maps for tourists exploring a city.

**Our Approach:**

We are creating an interactive website that gives users the details of nearby tourist destinations. It gives the user historical information about the destination. It also gives the

user-planned guides for the travel.

In this project, we are using Delhi as a sample city.

For transportation, we are using the dense metro network of Delhi. We are using **Dijktras Algorithm** for this purpose. Each of the 256 Metro- stations in Delhi serves as a node for the graph while distance is the weight. Then we use the Dijktras Algorithm to find the shortest path between the source and the destination.

# **About Delhi City Exploration**

Delhi City Exploration is a comprehensive website aimed at providing visitors with an immersive experience of exploring the vibrant and culturally rich city of Delhi, India. The website offers a wide range of information about Delhi's history, tourist attractions, local cuisine, shopping destinations, and much more.

## **Fast Travel(Delhi-Metro):**

The key aspect of our project is to use the Delhi- Metro so that tourists can visit the city at the highest convenience. Our project has inputs from all 256 Metro- Stations across Delhi. It then generates a graph taking these stations as nodes and distance as weights. It then uses the Dijkstra algorithm to calculate the shortest path that takes minimal time to lead to your destination.

## **Key Features:**

* **Interactive Map:** Explore Delhi's neighborhoods, landmarks, and points of interest through an interactive map feature.
* **Tourist Guides:** Access detailed guides to popular tourist attractions such as historical monuments, museums, gardens, and religious sites.
* **Cuisine Corner:** Discover Delhi's diverse culinary scene with recommendations for must-try dishes, famous food streets, and top-rated restaurants.
* **Shopping Guide:** Find out about the best shopping spots in Delhi, including markets, malls, and specialty stores, offering everything from traditional handicrafts to modern fashion.
* **Events Calendar:** Stay updated on upcoming events, festivals, and cultural celebrations happening in Delhi.
* **Travel Tips:** Get practical travel tips, safety guidelines, transportation information, and recommendations for accommodations.

## **Development Team:**

The Delhi City Exploration website was developed by Team **Runtime Terror**, comprising skilled professionals dedicated to creating an engaging and informative platform for exploring Delhi.

**Team Members:**

**Hardik Aswal** Role: Front-end developer and Web-Designer

**Amit Shinde** Role: Full-Stack Developer

**Akshat Yadav** Role: Front-end Developer and content writer

### **Yash Singh Bhadauria** Role: Code-Deployment

Hope you Like our project. We are very excited to meet you in the second round.

Regards

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