



# Trip.AI

Team BUET\_HELLO\_WORLD



## Introduction

Our AI-powered trip planning platform generates personalized itineraries, provides real-time weather updates, and enables intuitive image search for a seamless travel experience.

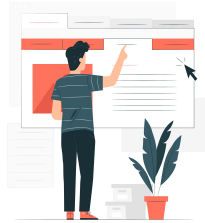
### External APIs and AI-models and hosted services

- |                                       |                               |
|---------------------------------------|-------------------------------|
| 1. Weather -Open-Meteo                | 1. Gemini-1.5-flash           |
| 2. Map API - valhalla routing service | 2. Llava-v1.5-7b-4096-preview |
| 3. Firebase                           | 3. Jina-embeddings-v3         |
| 4. Pinecone                           | 4. facebook/musicgen          |
| 5. MongoDB Atlas                      |                               |
| 6. Cloudinary                         |                               |

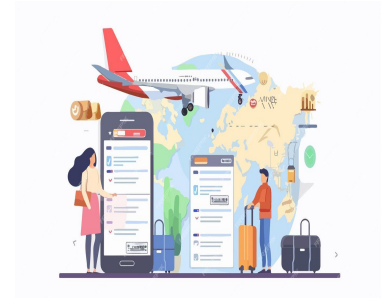
**API Documentation** - <https://github.com/Roll-no-57/AI-Trip-Planner/blob/main/README.md>

## Task 1: Basic Itinerary Generation

### 1. Planning a Trip according to user input



Gemini



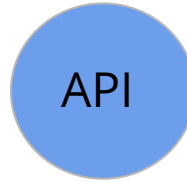
Input

## Task 2: Map Integration

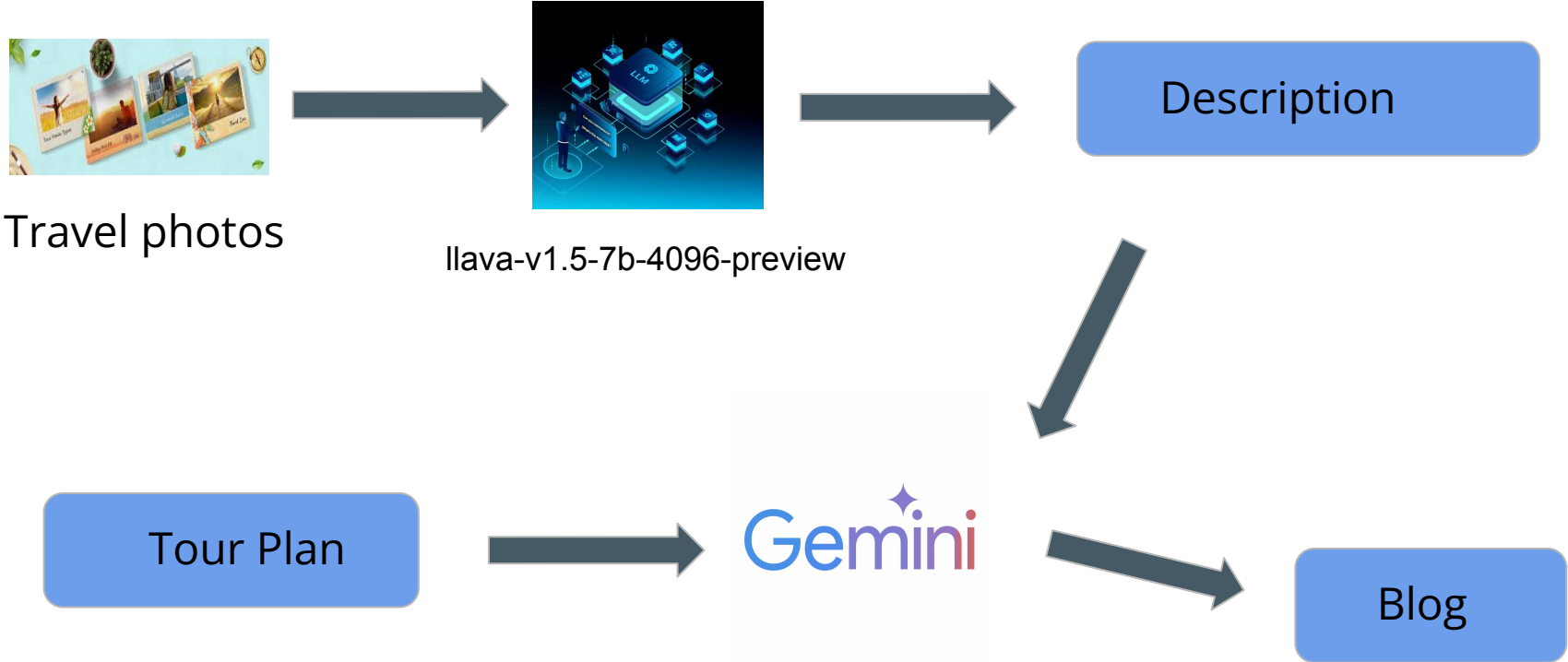


Valhalla routing service

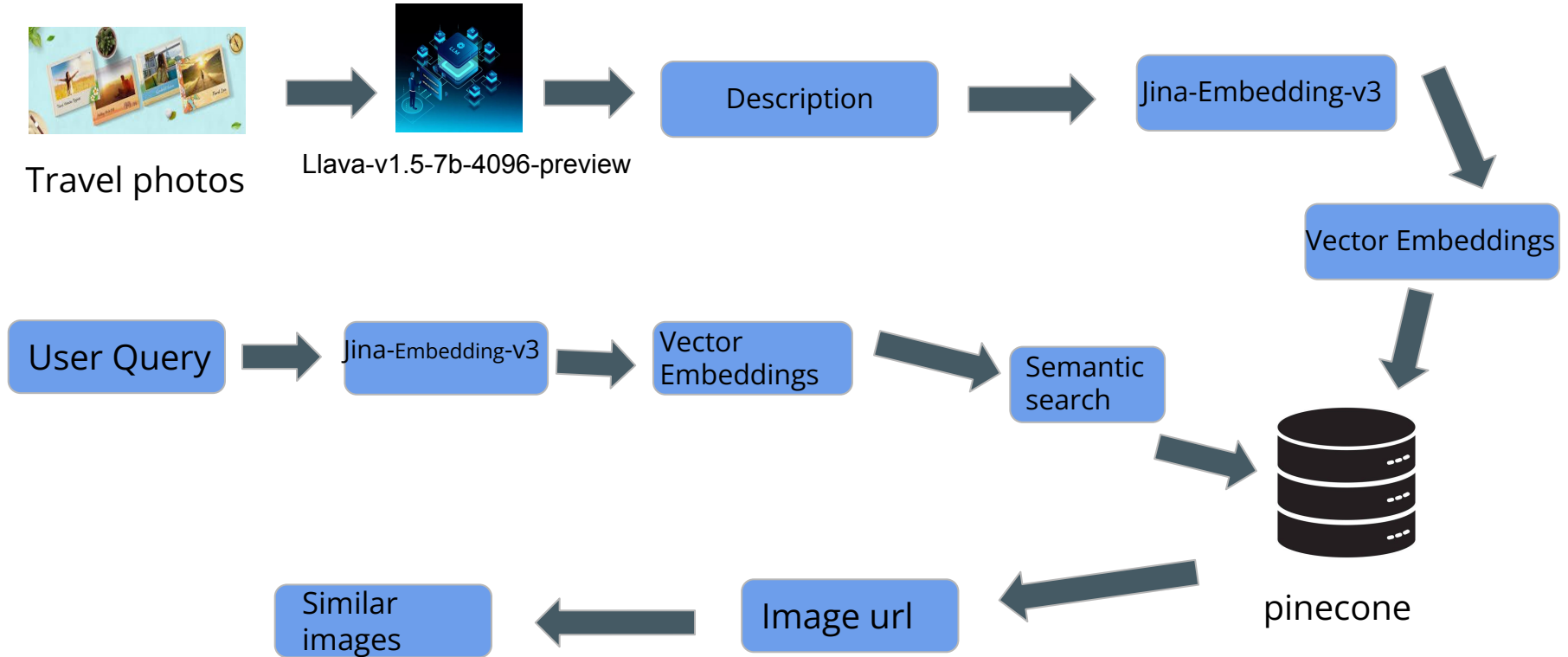
### Task 3: Weather Notifications



## Task 4: Trip Blog Generation



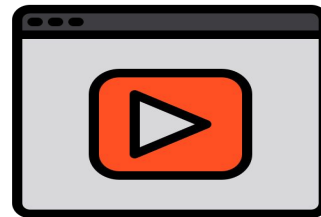
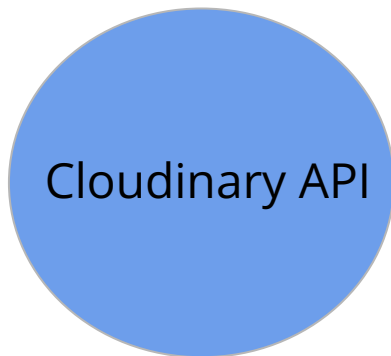
## Task 5: Image Upload and Textual Search



## Bonus Task: Automated Travel Vlog Generation



Travel photos



video



# Thank You!

MD mohiuddin Sizan (CSE,BUET)

MD Salehin Islam (Civil,BUET)

MD Mosharaf Hossain Apurbo (CSE,BUET)