

# Google Maps API Integration Proposal for Employee Tracking

---

Dear Client,

We are pleased to provide you with a proposal for integrating Google Maps APIs into your CRM system for employee tracking purposes. This integration will allow your system to fetch real-time location data, display addresses, calculate distances, and improve overall visibility of employee movements.

## Scope of Work & APIs to be Used

Following APIs will be integrated as part of the solution:

1. 1. Geolocation API
  - - Use: Fetches the current GPS location of the employee from their mobile device.
2. 2. Geocoding API
  - - Use: Converts the latitude and longitude into a readable address (Reverse Geocoding).
3. 3. Directions API (Optional)
  - - Use: Displays path and calculates distance between two coordinates (e.g., from office to current location).

## Timeline (Milestone-Based)

The integration will be completed in the following phases:

- Day 1-2: Setup Project & Google API Keys
- Day 3-4: Implement Geolocation API for capturing employee position
- Day 5-6: Implement Geocoding API for address conversion
- Day 7-8: Integrate Directions API and test path/distance logic
- Day 9-10: Testing and Deployment

## Pricing

### Pricing & Usage Cost for Geolocations API

Pricing is based on total **number of per API hit (API calls)** made per month. It includes **server, development, testing, and deployment**.

| Monthly Request Range | Rate per Request | Total Eastimated Montly Cost |
|-----------------------|------------------|------------------------------|
| 0 – 1,00,000          | ₹0.63            | As per usage                 |
| 1,00,001 – 2,00,000   | ₹0.56            | As per usage                 |
| 2,00,001+             | ₹0.49            | As per usage                 |

Geolocation API, Geocoding API, and Directions API all have the same cost

#### Note:

- These charges are per request and include complete integration, testing & maintenance.
- Charges apply only if API is called (no idle cost).
- All requests api hit will be charged as per google reports.

If you have any questions or would like to move forward, please feel free to contact us.

Thank you!

Best regards,  
G Tech Development Team