



INDIAN INSTITUTE OF REMOTE SENSING  
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## Web GIS Project

### *“Real Time Tweet Monitoring”*

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## **1 | Introduction**

Twitter is a widely used social platform. Every second thousands of tweets are posted worldwide. Tweets can give us information about what is trending among people. Proper analytics on this data can help project various behavioural patterns of the users. This project focuses on getting information about the interest of people. Like people of which region is interested in which thing. Through the extracted geotagged data from twitter, heat map is generated to visualize the location of tweets. So it can be clearly visualized that which word is mostly used in which location. Hence the target users of this study can further utilise this information for starting their enterprise. There is lot of work going on over traffic data. Hence this word is targeted in this study to showcase the road traffic in a better way on web and its real time monitoring can be easily possible.

## **2 | Objectives**

- To extract tweets relating to specific keyword from the streamed tweets.
- To filter out geotagged tweets from above.
- To provide an interface for real time web visualization of Tweets relating to a specific keyword

## **3 | Target users**

- Data analysts
- Business men
- Industrialists
- Entrepreneurs
- Advertising Agencies
- Urban Planners

## 4 | Methodology

Methodology involves making use of majorly 4 different technologies i.e. PHP, JS, AJAX & HTML CSS. Detail process of the methodology is given in form of following flowchart:

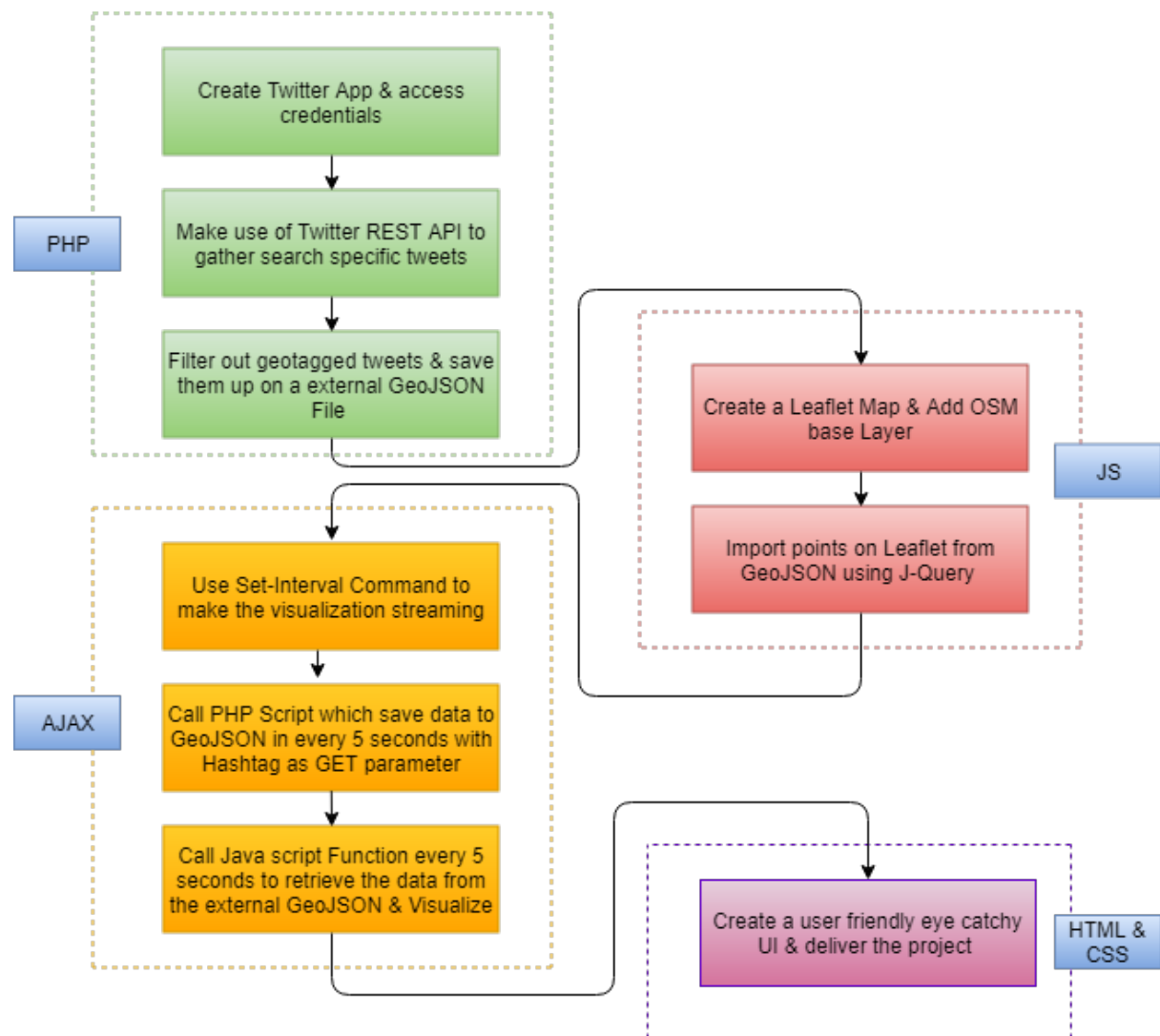


Figure 1: Methodology flowchart

