

## **Web Geography Information System Project Abstract**

### Project Title:

Application to find Areas of Interests on my route

### Project Description:

Our application will enable people moving from one location to another find places of interest on their route, thereby making the navigation experience more interesting - especially if they are not familiar with the region they are travelling through.

Users can specify the kind of interest areas or places they will want to visit on their route, such as zoos, museums, hotels, hospitals, etc.

The application then generates a new path each time the user selects a place of interest, that leads from his current location to the selected interest area.

The requests to the google api and the API's response will be stored in a PostgreSQL DB. We leverage the usage of the DB with Postgis extension. Further analysis will be performed on the stored data.

### Project Stack/Tools:

- JavaScript
- Google directions and Google places API
- PHP
- Python

### Group Members:

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## Tentative Prototype 1

