

Queryable map events of IIITH

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Need for Event locations online on map?

- ❑ To Provide visitors about information of events and event locations.
- ❑ To provide them an easy way of finding places and find route to their desired location from their desired location.
- ❑ For students who are lazy to check mails they can easily query event of their desired date.

Scope

- ❑ To analyse events location in IIIT H .
- ❑ A easiest way to manage events.
- ❑ Can be extended to a larger networks.

Objective

- ❑ This project aims at providing a user a detailed structured information about event, their timing and location.
- ❑ This project provides a easiest interface to manage events.

Data Required

- ❑ Map Data of IIIT-H
- ❑ Event Data
- ❑ Photos of buildings in IIIT-H

Key feature

- ❑ Extracting information about a place/building.
- ❑ Exploring various events in the campus and their locations.
- ❑ Finding the route to different places in the campus/outside side

Key Concepts

- ❏ Map visualization.
- ❏ Routing.
- ❏ Query processing.
- ❏ Database management.

Map Visualization

Technologies

- ❑ MapBox API
- ❑ Leaflet API
- ❑ HTML,CSS
- ❑ Javascript
- ❑ PHP

Procedure

- ❑ The admin will be given map he needs to select the building vertices and then store them.
- ❑ Then he can use the vertices to make polygon and then can select the location by checking point in polygon.

Challenges involved

- ❑ He should get the latitudes and longitudes of vertices.
- ❑ He should store the latitudes and longitudes and then make polygons out of them.
- ❑ He should set the zoom parameter of the map to visualize a particular area completely with all its elements being visible.

Routing

Technologies

❏ Javascript

❏ html

Procedure

- ❑ The user is given to select the start and destination points in the map between which he wants to find the route.
- ❑ The start and end points are given markers when he selects the points.
- ❑ Once you select and click submit we can find the route between the points.

Challenges involved

- ❑ Once the source and destination is selected we need to find the points at which we should take turn.
- ❑ After we get the points at which we should take turn we need to draw google polyline between those points.

Database management and Query Processing

Technologies

- ❑ mysql Database
- ❑ phpmyadmin
- ❑ Javascript
- ❑ PHP

Procedure

- ❑ Admin needs to insert event data from the map.
- ❑ Then we should store the event data in sql database.
- ❑ Then when the user gives what he need we will query the database and gives the user output.

Challenges involved

- ❑ We need to connect to phpmyadmin and select database without any connection error.
- ❑ We need to check if the data is inserting correctly to the database or any error occurred.

USER INTERFACE

To show all date events just click
want to see all events on that date

insert time can be used when we

localhost says:
Do you want to submit the form?

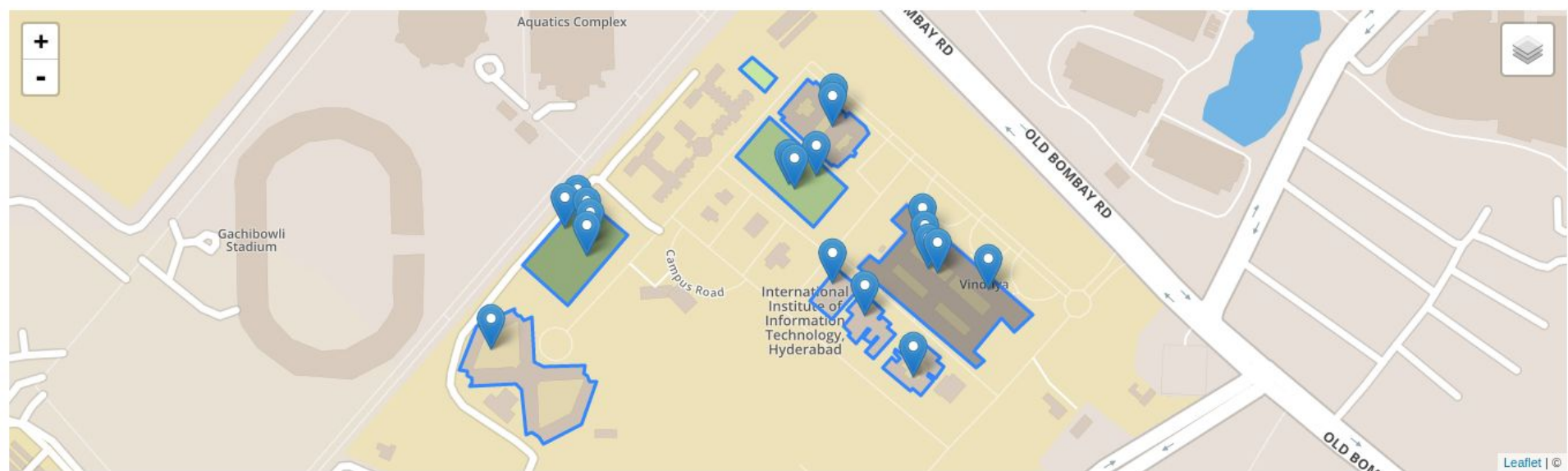
Cancel OK

Date: dd/mm/yyyy

Time: --:--

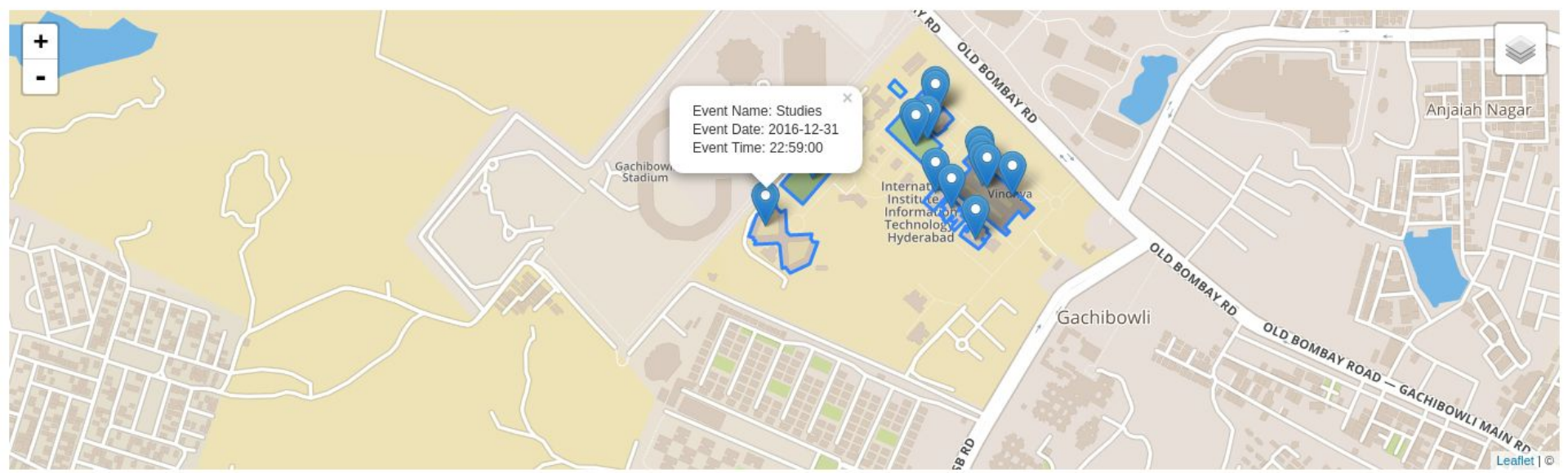
Query

Hi



Select markers to Route login to add events

Hi



Select markers to Route login to add events

To show all date events just click :
want to see all events on that date

insert time can be used when we

localhost says:
Do you want to submit the form?

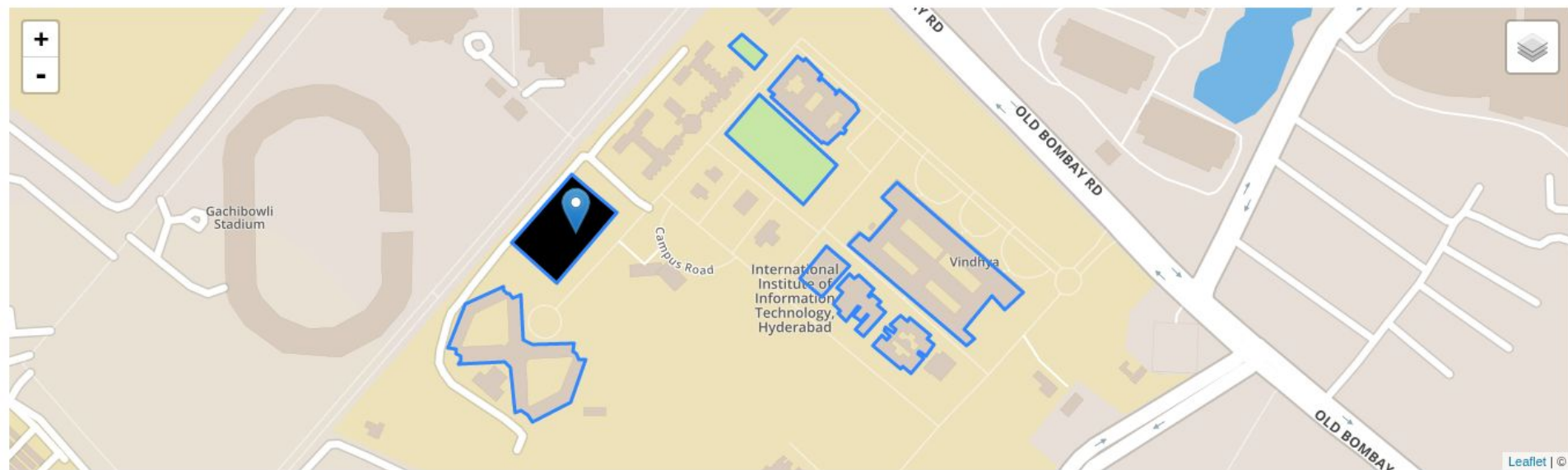
Cancel OK

Date: 31/01/2017

Time: -- : --

Query

Hi



Select markers to Route login to add events

Google

Google Docs - create a...

Queryable map events

Insert Form Data In MY

localhost/SpatialProject/

☆

localhost says:

Do you want to submit the form?

Cancel

OK

To show all date events just click

want to see all events on that date

Insert time can be used when we

Date: 31/01/2017

Time: 01:59

Query

Queryable mappptx

Queryable map e....pdf

Show all

Menu

Insert Form Data In ...

Pictures

Queryable map eve...

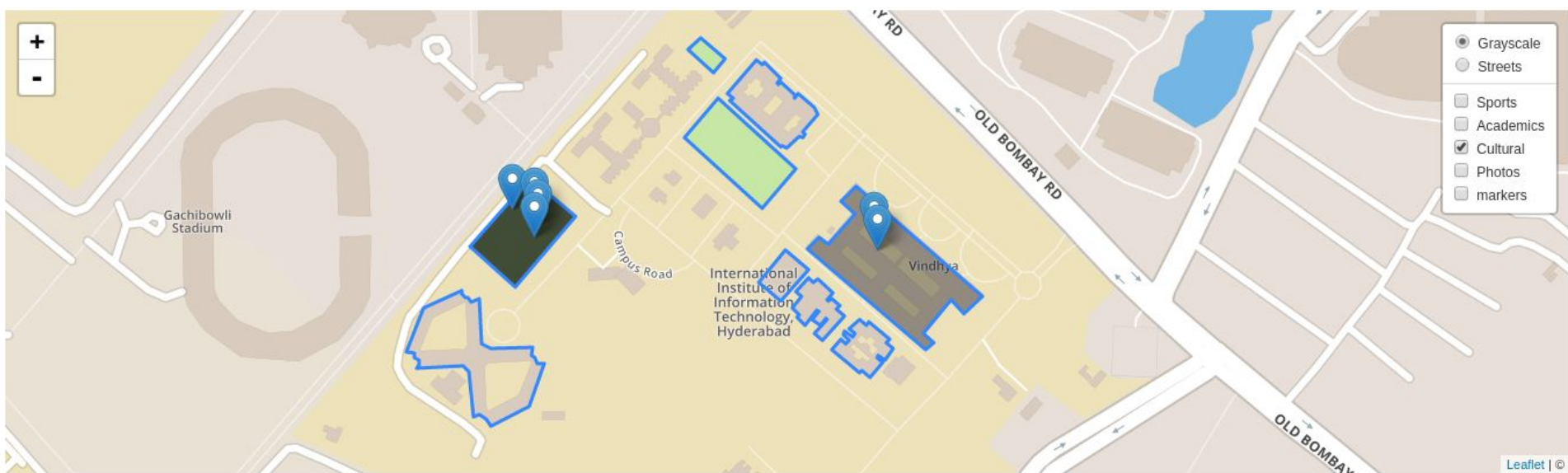
14:33

Hi



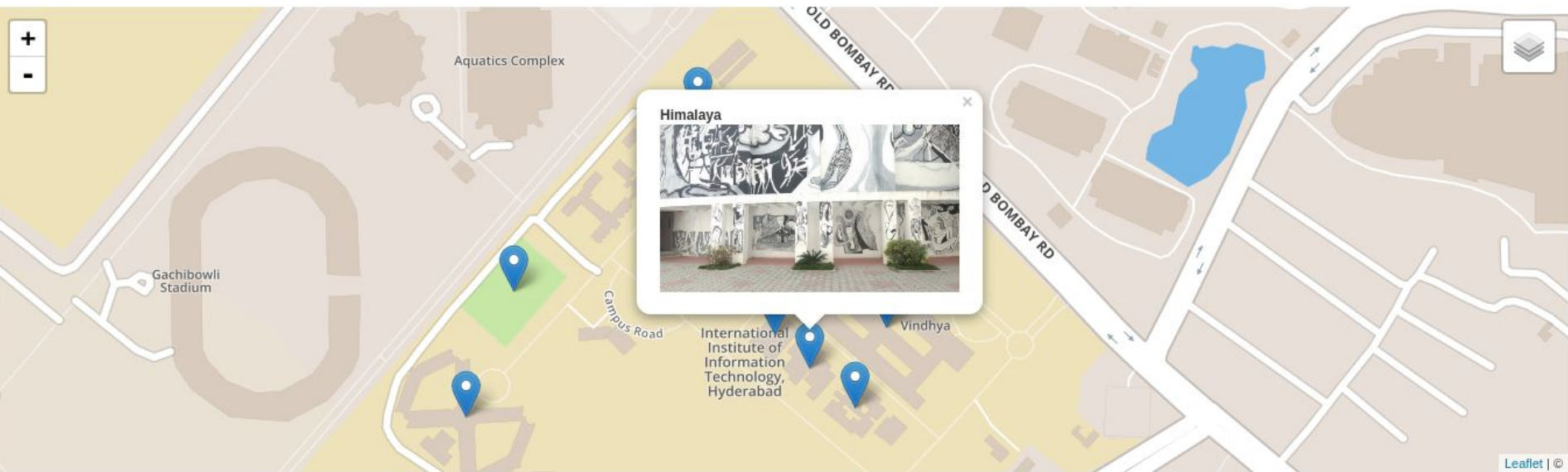
Select markers to Route login to add events

Hi



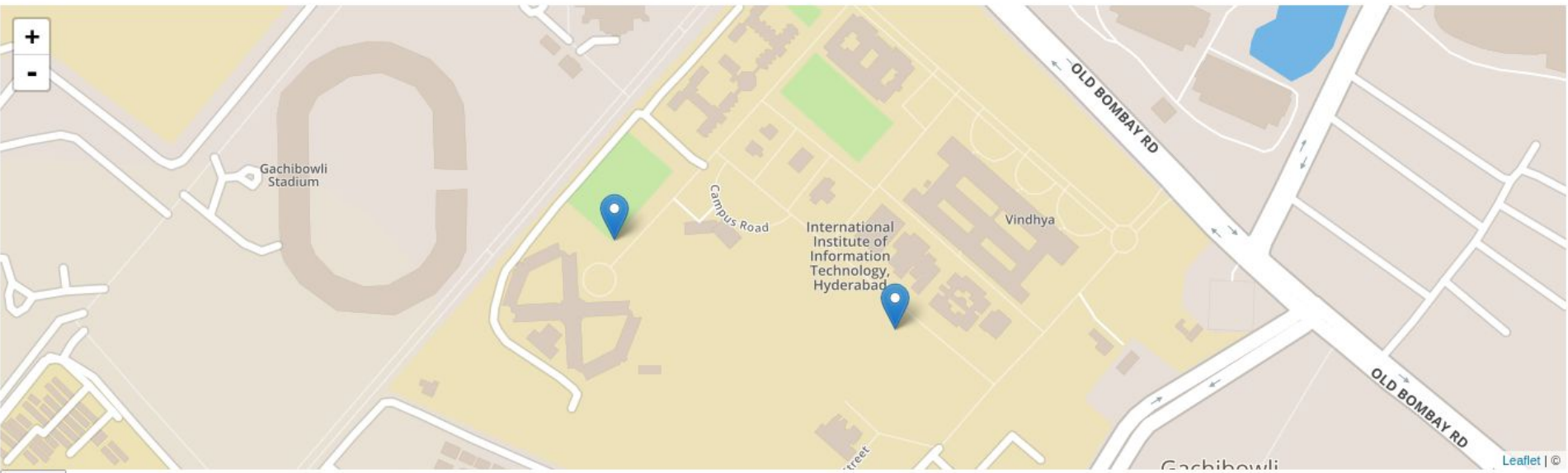
Select markers to Route login to add events

Hi



Select markers to Route login to add events

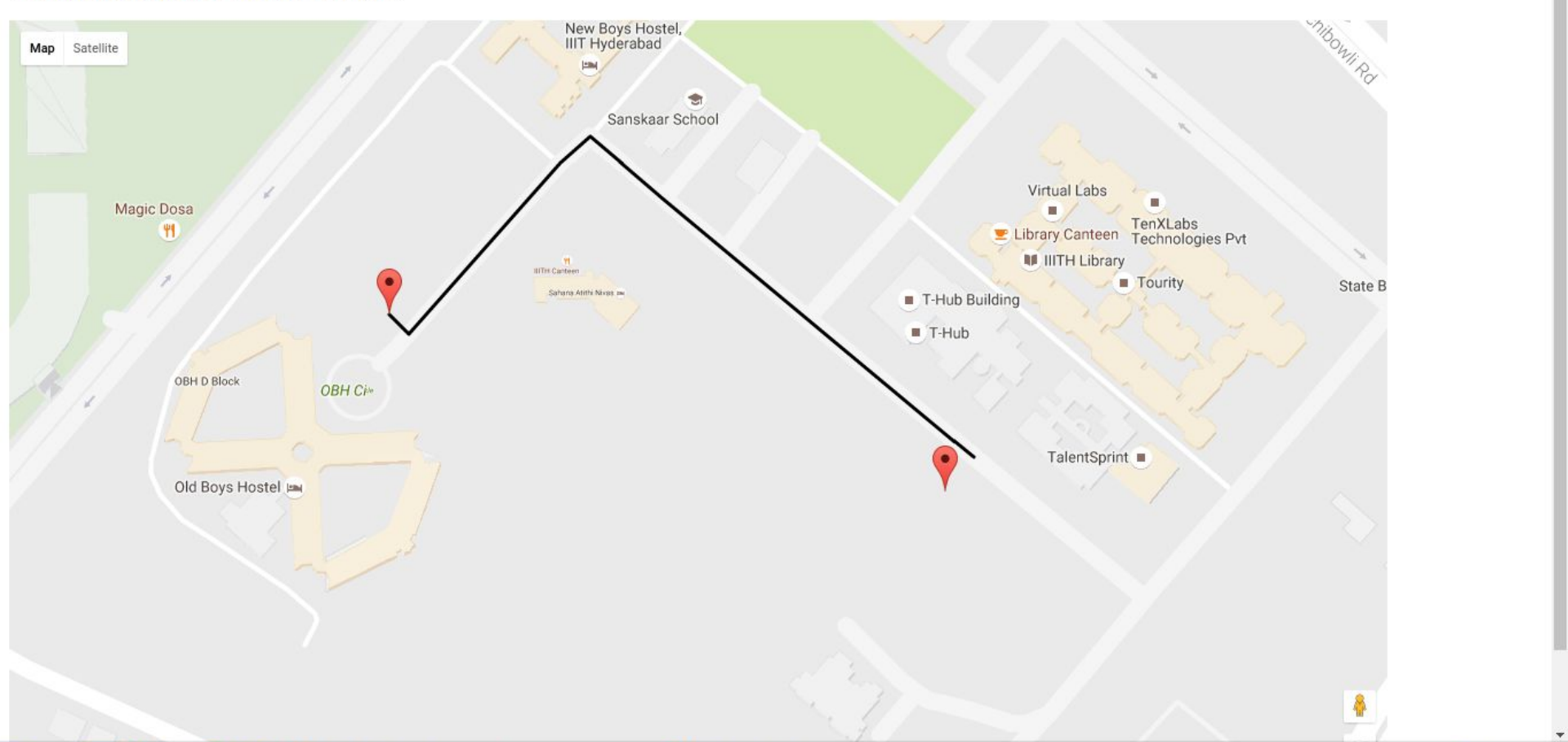
My Map



Submit

[Go back to main page](#)

Select markers to Route again Go back to main page



ADMIN INTERFACE

LOGIN

AdminID:

Password:

LOGIN

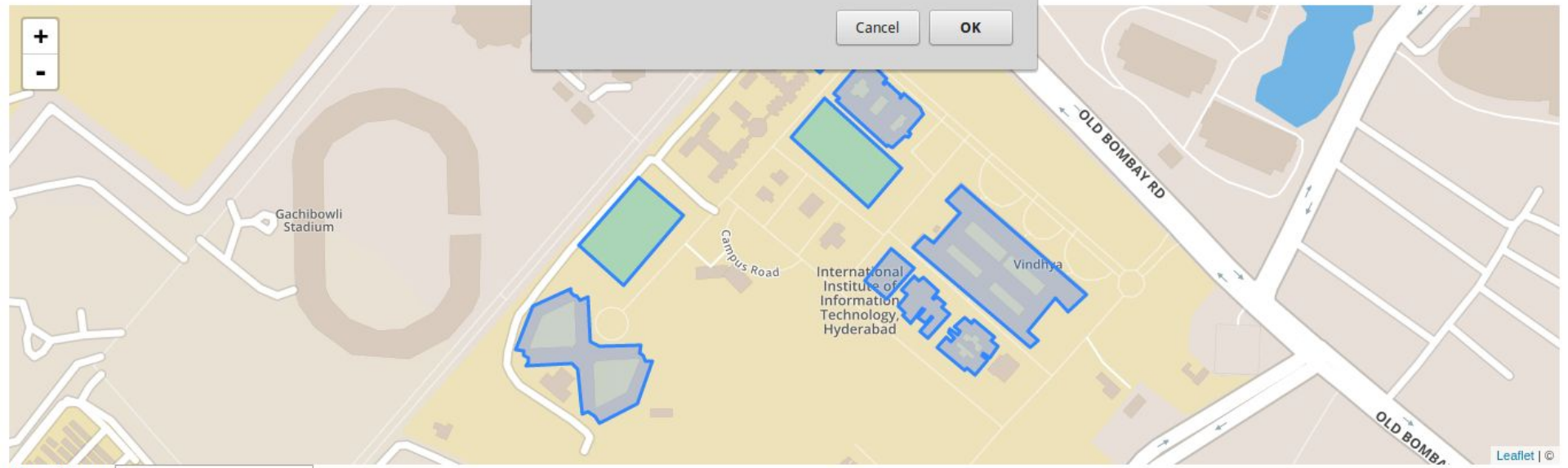
AdminID:

Password:

Please enter correct details.

[Go back to main page](#)

My Map

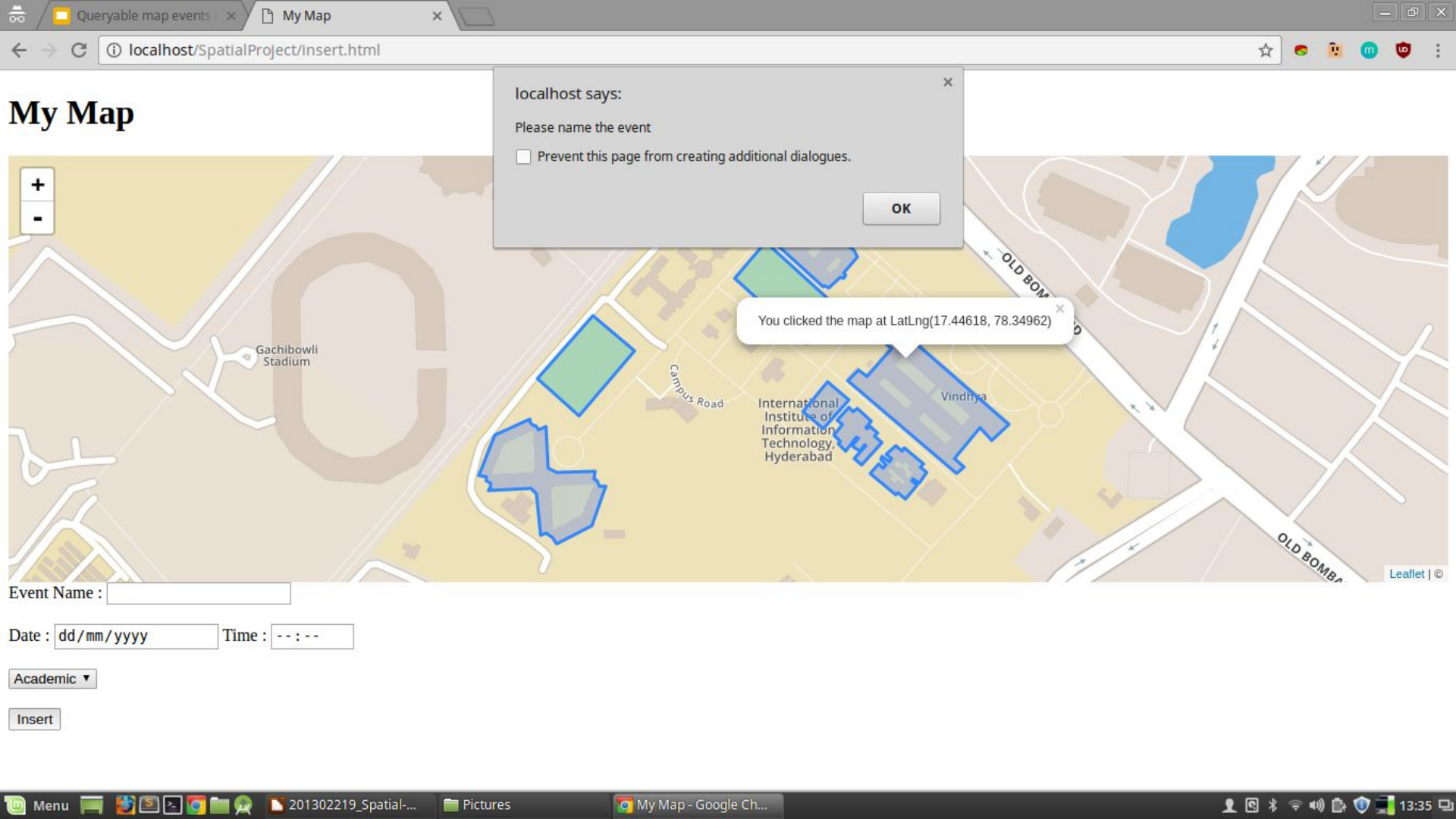


Event Name :

Date : Time :

Academic ▼

Insert



localhost says:
Do you want to submit the form?
☐ Prevent this page from creating additional dialogues.
Cancel OK

You clicked the map at LatLng(17.44618, 78.34962)

My Map

Event Name : JJGYHBJHYUG

Date : 31/12/2017 Time : 22:59

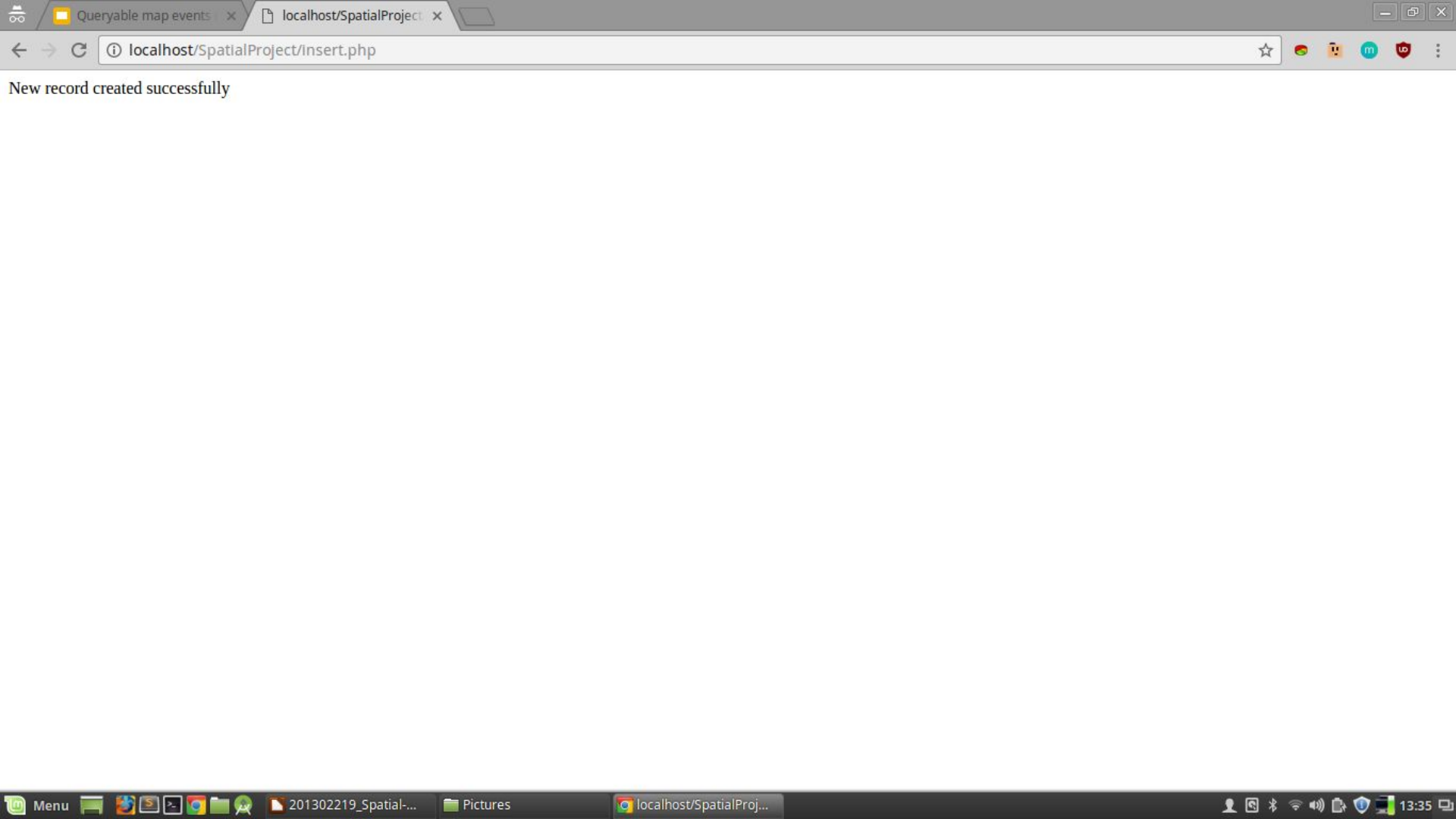
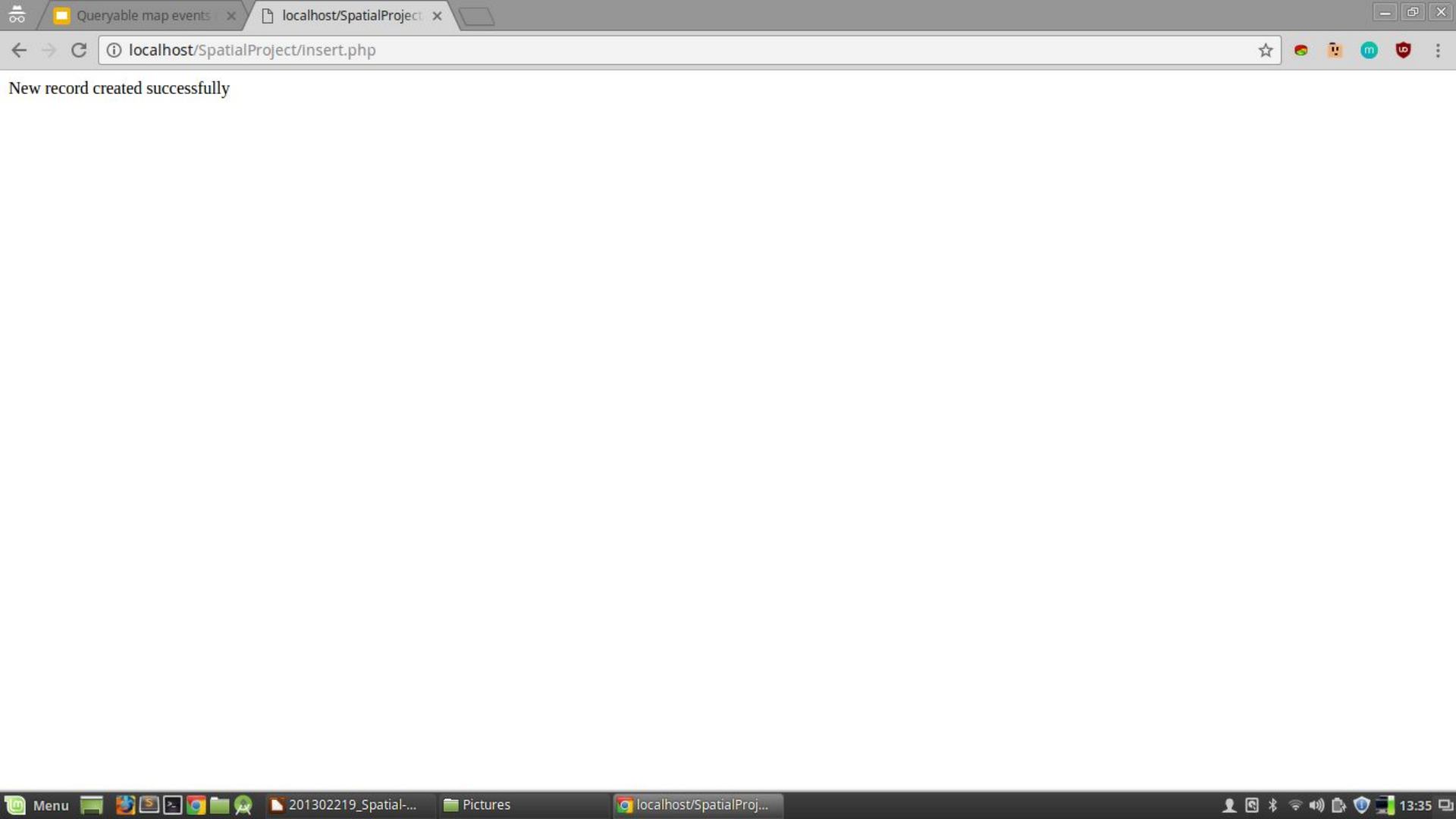
Academic ▼

Insert

Menu

201302219_Spatial-... Pictures My Map - Google Ch...

13:35



Thank you