

CS621B/C Spatial Databases

Web-based Mapping

Assignment

Develop a web-based mapping application using Leaflet to the following specifications

Source Code:

Use the source code provided in the lecture and the in-lecture tasks as a starting point for this assignment

Input Data:

Use geojson.io to create TWO geojson formatted spatial datasets.

At least one of these datasets should be a dataset including polygons.

Objects in these datasets must have at least three “properties” associated with them.

You should be creative and can model any spatial feature you wish with the dataset.

Each dataset should contain at least 5 objects.

Base-layers:

There should be a choice of at least three base-layers – you should consider which base-layers are most suitable for the application given your choice of geojson datasets above.

Styles:

Each individual geojson layer should be provided with a DIFFERENT style definition

Popup Content:

Each individual geojson layer should be provided with a DIFFERENT onEachFeature function definition which will display content in popups.

The Final Web Application should be visible online at your own personal webcourse.cs.nuim.ie account.