The project “GeoPic” utilizes the Google maps API and the Instagram API. The working of the website is as follows –

1. The location is the required input from the user

2. The input is sent to the Google maps application server and is received back in terms as latitude and longitude.

3. This is then utilized by the Instagram API which accepts the location in terms of latitude and longitude and return JSON content of all recent media geo-located at that location.

4. It is then displayed to the user the number of total ‘likes’ the images as a whole have garnered is taken as the ”likes” value which is stored in the database along with the name and the id of the location.

5. The value of the number of likes to a location is plotted as a bar graph representation.

6. Be warned images that are returned are tagged by location and might appear random, irrelevant etc.

7. Some searches might contain a large number of photos and might be slow to display.

8. The GeoPic.php is the main page and the graph.php is the page that contains the graph. Both pages are linked.