

Geo CMS & App

PROVIDING A PLATFORM FOR CONTENT CONSUMPTION
BASED ON GEOLOCATION



Luka Puharic

Reason?

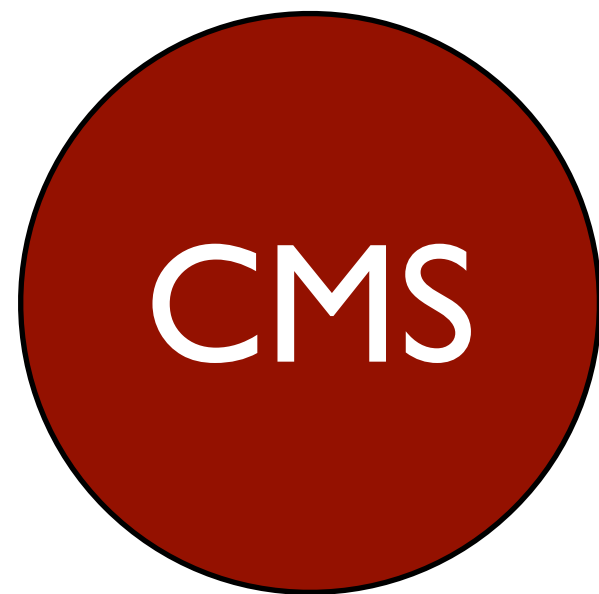
- mobile share (smartphones, tablets)
- interactive & geolocation based
- closed ecosystem (trusted content)
- museums, resorts, parks, campuses, etc.

Research

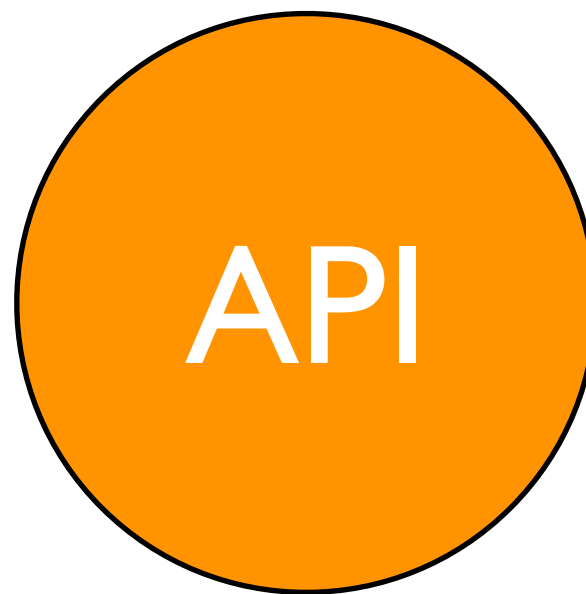
- Google Maps API
- FourSquare
- Clean Code
- Responsive Design
- GDG Dublin



Platform



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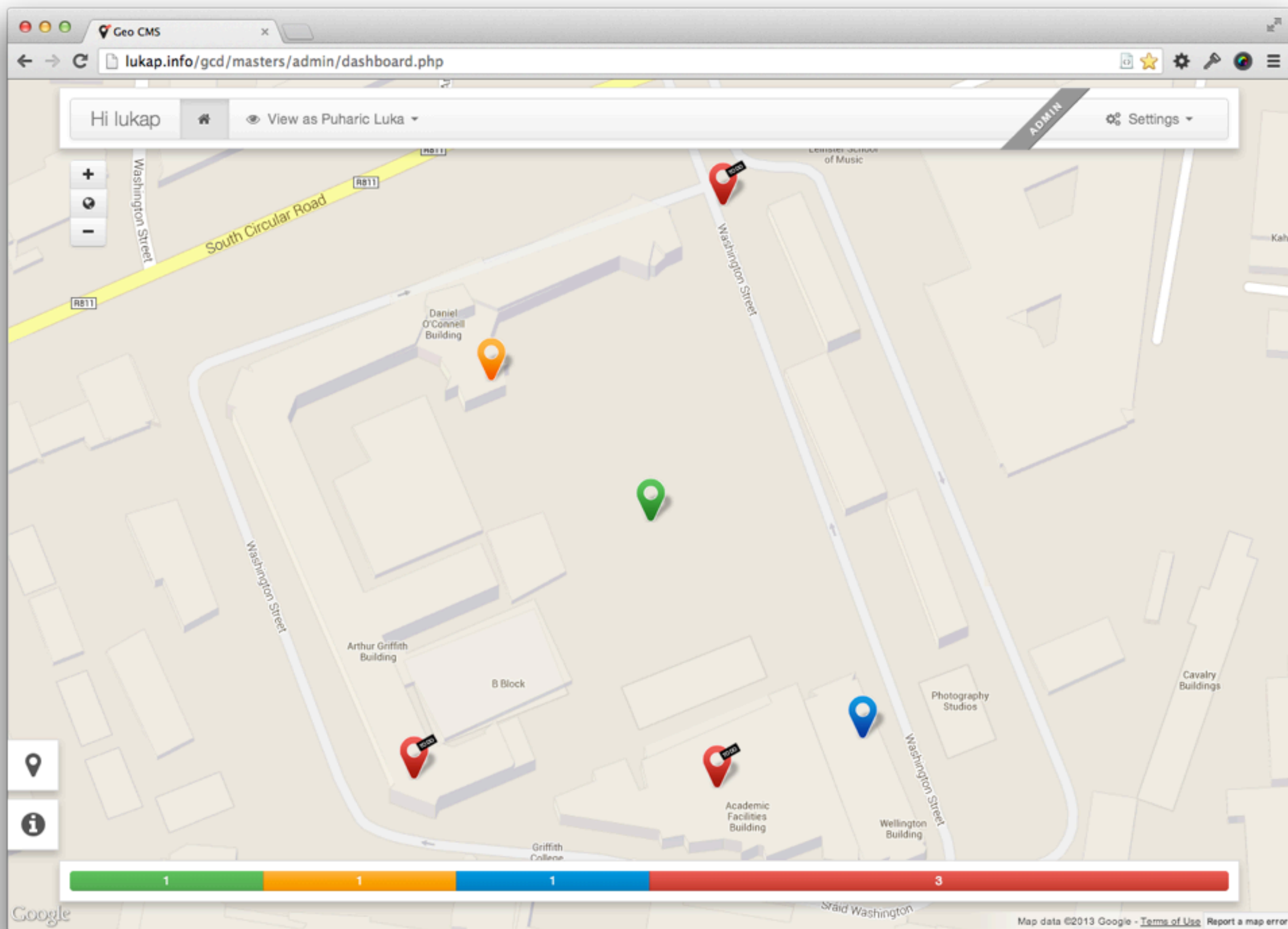
PHP
Twitter Bootstrap 2.3.2
Google Maps API v3
jQuery
JavaScript Literal Object

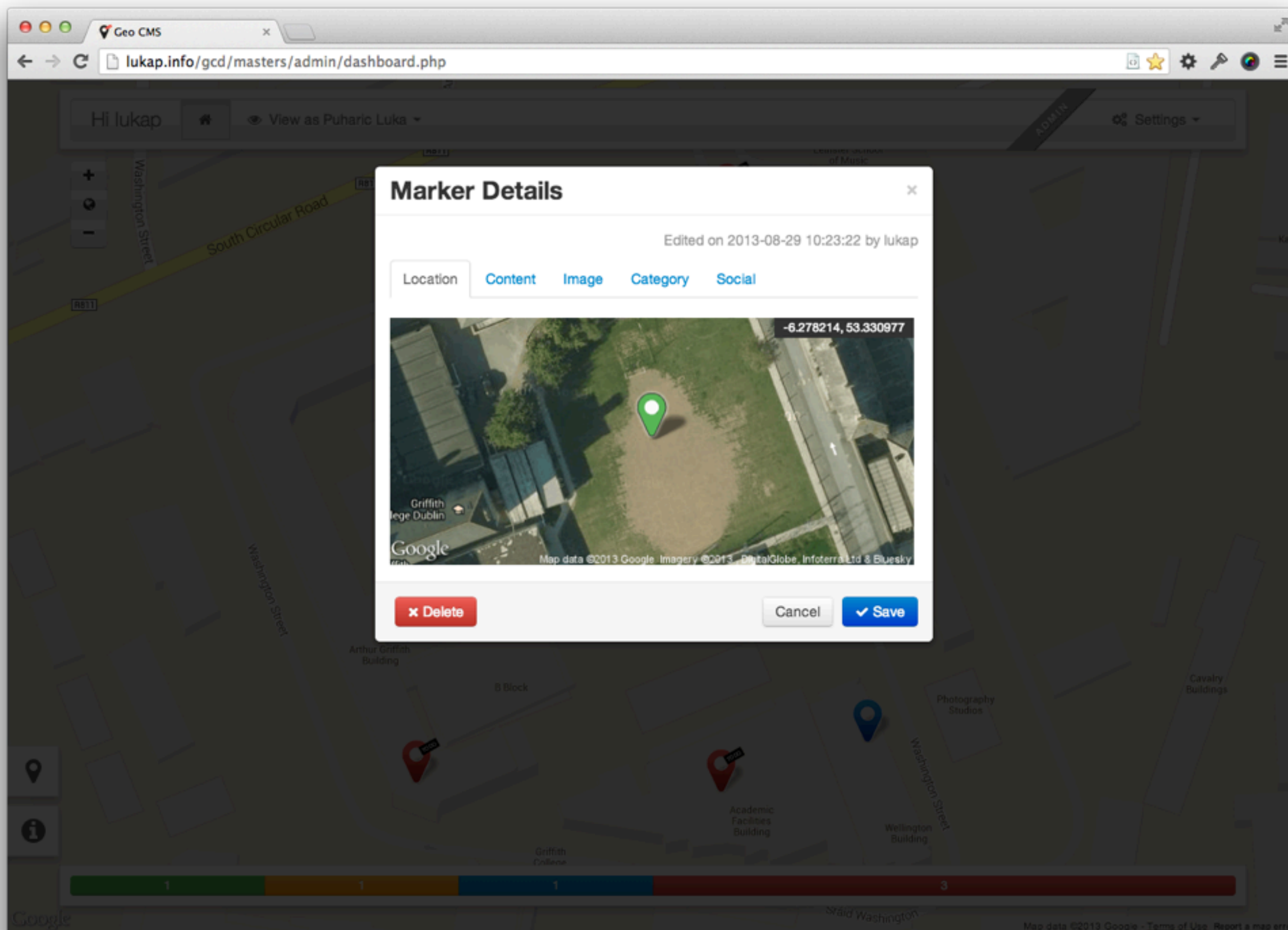
MySQL
PHP
Clean Code

HTML5
CSS3
jQuery
Responsive Web
Mobile First
Awesome Font

CMS

- User management system
- Intuitive & easy to use
- Simple design (Twitter Bootstrap 2.3.2)
- HTML5 & CSS3
- Javascript literal object notation





API

- “MVC pattern”
- MySql & PHP
- JSON
- Images stored in DB
- Clean Code

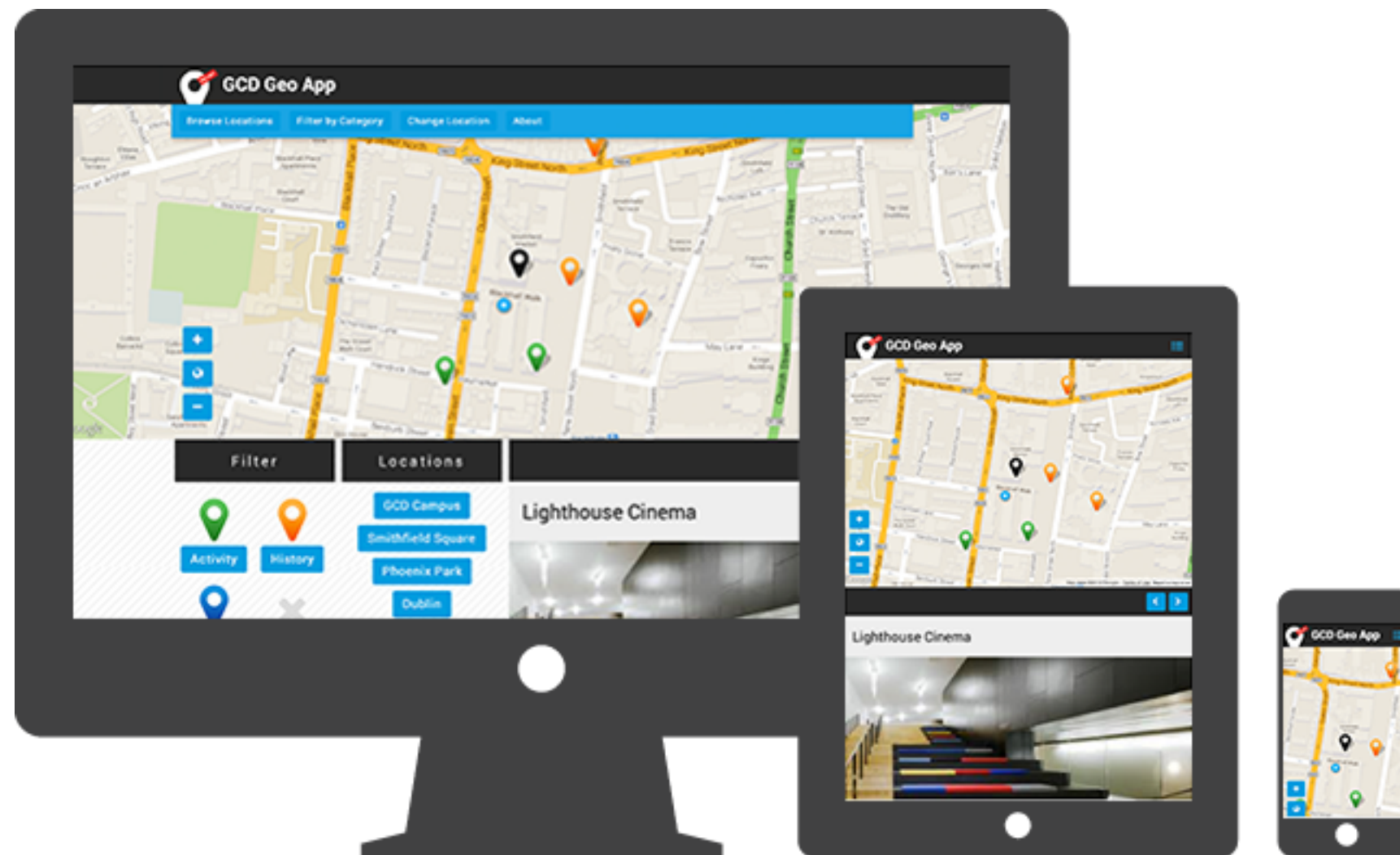
[+ - View source](#)

```
{
  query: "SELECT c.id, c.title, t.type, c.content, u.id as user_id,
u.username, c.date, e.username as user_edit, c.date_modified,
c.image_name, c.geo_lat, c.geo_lng, c.category, c.comments, c.twitter,
c.facebook FROM contents c, users u, users e, types t WHERE c.user_id =
u.id AND c.edit_user_id = e.id AND c.type_id = t.id ORDER BY c.category
ASC, c.date DESC",
  result: 21,
  items: [
    {
      id: "37",
      title: "",
      type: "html",
      content: "",
      user_id: "5",
      username: "admin",
      date: "2013-08-28 01:10:17",
      user_edit: "admin",
      date_modified: "2013-08-28 01:10:40",
      image_name: null,
      geo_lat: "53.354086",
      geo_lng: "-6.304521",
      category: "activity",
      comments: "1",
      twitter: "1",
      facebook: "1"
    },
    {
      id: "36",
      title: "",
      type: "html",
      content: "",
      user_id: "5",
      username: "admin",
      date: "2013-08-28 01:09:53",
      user_edit: "admin",
      date_modified: "2013-08-28 01:10:01",
      image_name: null,
      geo_lat: "53.350603",
      geo_lng: "-6.322889",
      category: "activity",
      comments: "1",
      twitter: "1",
      facebook: "1"
    }
  ]
}
```


Web App

- Responsive design
- 3 breakpoints (mobile first, design, desktop)
- HTML5 & CSS3
- Javascript literal object notation
- Custom Markers

Responsive Design



Custom Markers



DEMO

user: admin
pass: admin

user: editor
pass: editor

<http://lukap.info/gcd/masters/cms>

<http://lukap.info/gcd/masters/app>



Thank You!

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