



# Sri Lanka Institute of Information Technology

Geographic Information Systems

4<sup>th</sup> year – 1<sup>st</sup> semester

Assignment 02 – Mini Project

**Web map application to show wild life parks/ waterfalls of Sri Lanka**

Group No: 04

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## **01. Introduction**

In this assignment we are supposed to create a web application to find location of waterfalls, wild life parks etc. of Sri Lanka. We are considering only sub waterfalls / parks etc. In the simplest case the user may do a name based search and the place will be displayed on the web app.

## **02. Software and Hardware requirements**

Software requirements:

- Pmapper as the map server
- MySQL as the database
- Netbeans IDE
- PHP Codeigniter framework
- Twitter bootstrap UI framework
- Apache Server

Hardware requirements:

- Dual-core 1.2 GHz processor
- At least 500MB internal space

### 03.Final project screenshots

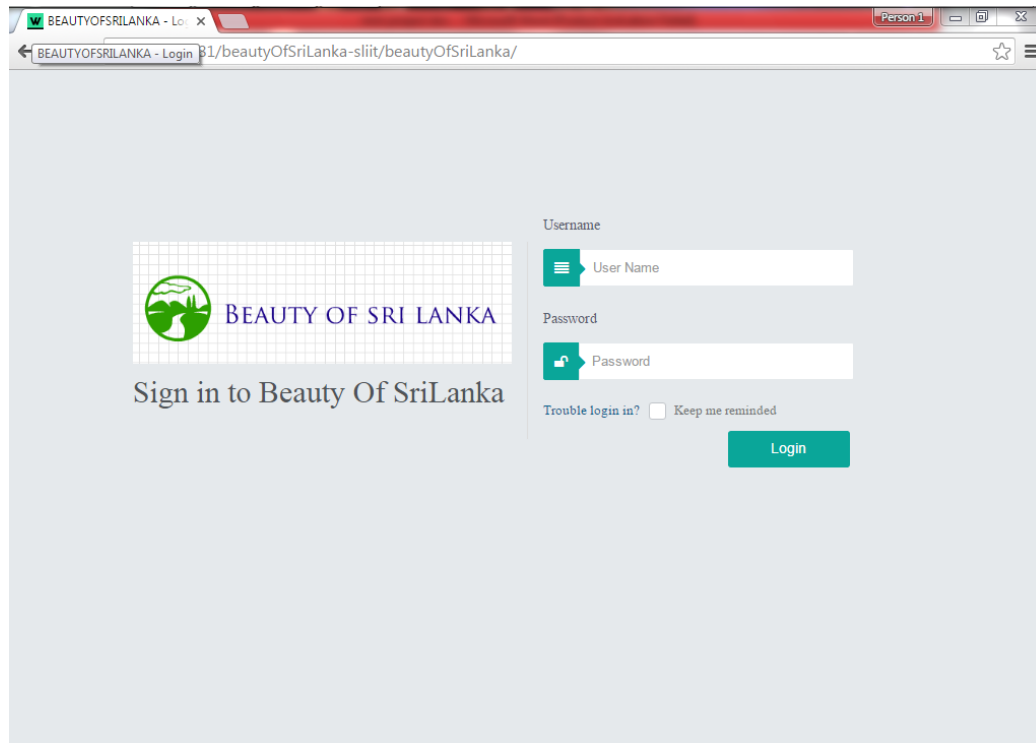


Figure 3.1 – login screen

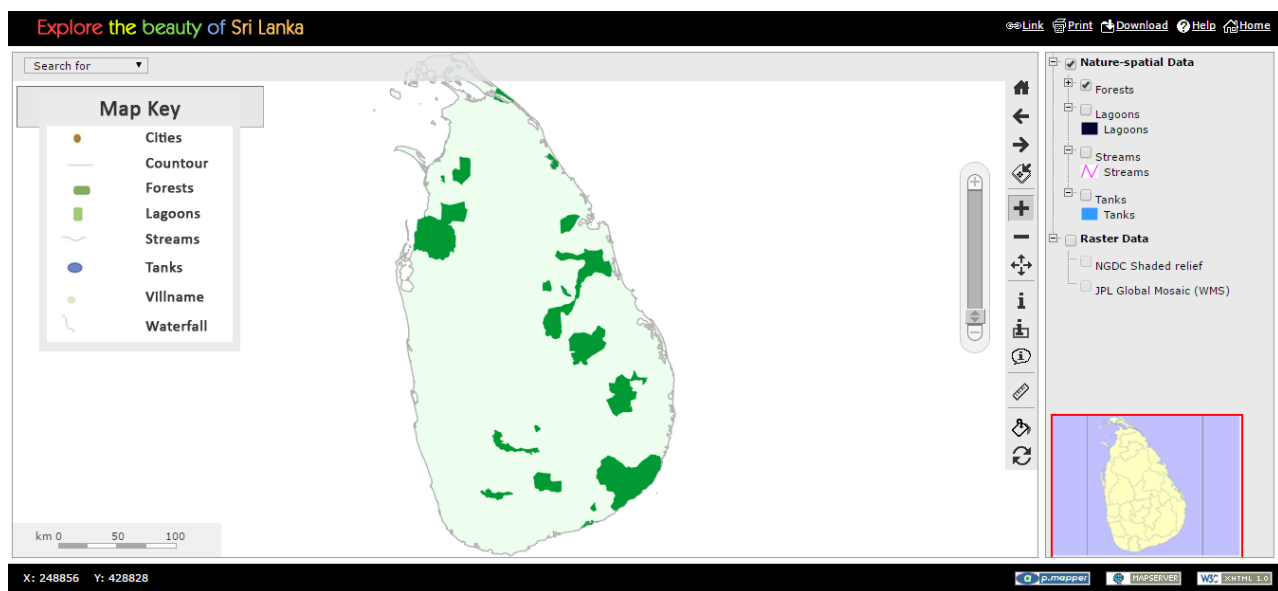


Figure 3.2 – Categorical Visualization

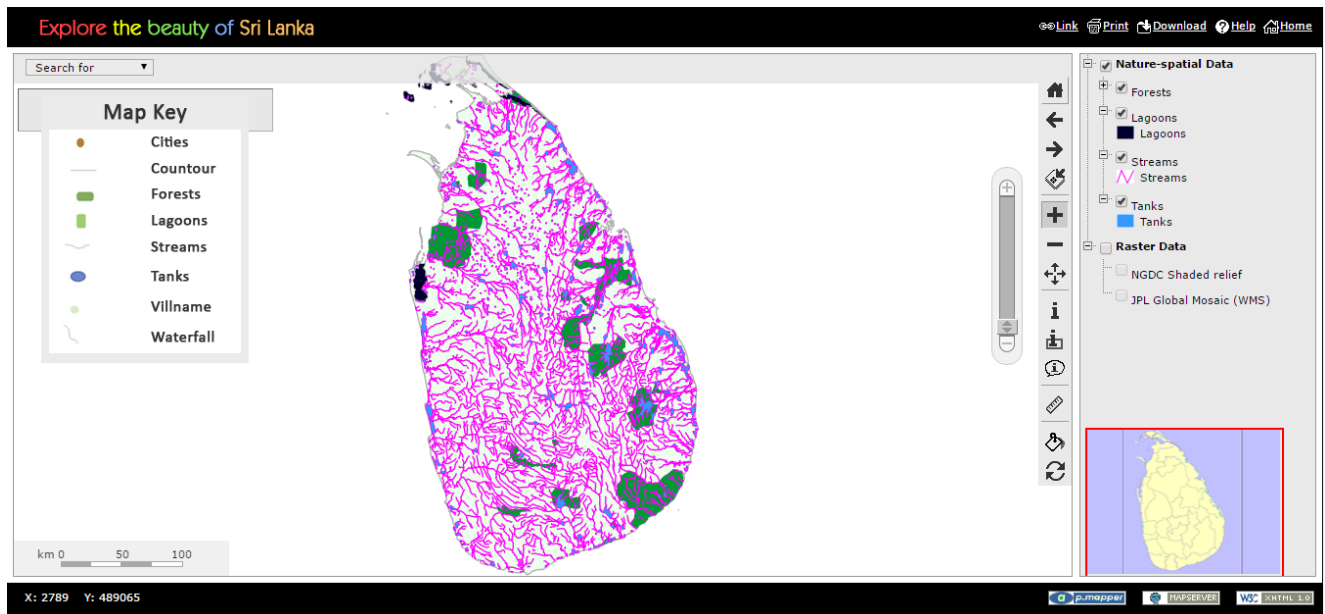


Figure 3.3 – Visualization of all the available data

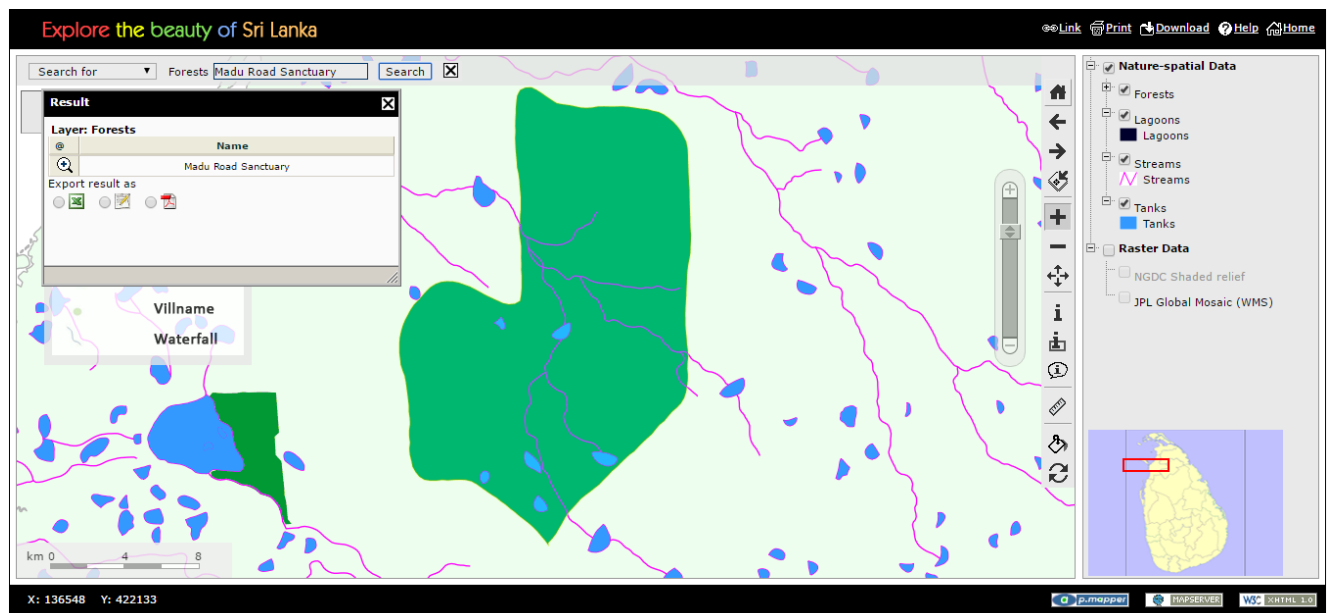


Figure 3.4 – Searching a specific data

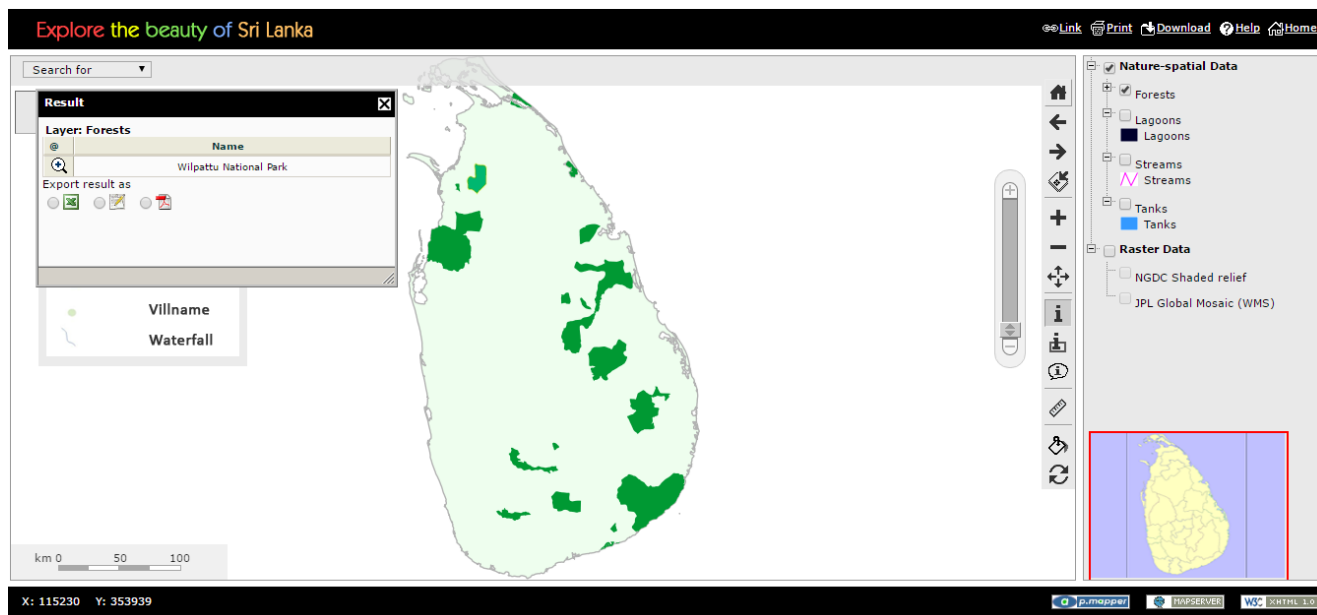


Figure 3.5 – Displaying attribute data

#### 04. Group Member work allocation

Group member	Work allocated
IT12138050 - Dissanayake D.M.I.D. IT13405328 - Perera K.D.R.S	Loading the data and visualize the map and create the title and key of the map.
IT13031176 - Wimalasiri P.M.D.N IT13090586 – A.J Barthelot	Search function – Searching a waterfall or any other data item visualized in the map.

#### 05. Github repository link:

<https://github.com/rachini/BeautyOfSriLanka/tree/master>

