

MAP POINTER

Offering	Web application – Japan home search
Customer	H & R consultant, Japan
Industry	real estates
Visit at	http://www.hrconslt.com/

A Solution for advanced web-based site locator, it includes a top graphical view as user interface and consultant's site book-marking among other state-of the art features.

Client requirement

Client is a leading property builder and consultant in Japan. His vision is to be leader not only in the quality of his constructions but also in his services and to help customers search a suitable site for their dream house or apartment. Map Pointer has become widely liked property portal covering the Nagoya city, Japan, delivering thousands of properties for lease and properties to rent every minute of the day. The product had to have the following functionalities:

- A simple GUI
- Multiple Zoom levels
- Distance Calculation
- Pinning facility for onlookers to bookmark sites
- Different color scheme to distinguish various topographical objects like highways, hospitals, airports etc.
- Print-outs of map with selected features
- Print-outs of a number of adjacent grids

Solution

Map Pointer is a venture to help in your property search –on the basis of proximity to local services like schools, police station, hospitals railway lines etc. It delivered all the features a customer expected from a computer-aided sit locator system. Application has two sections, one editable panel for administrator and site Locator for user

Admin section

Consultant marks his property and describes its features including proximities, elevation, furnishing provided and price. Properties are pinned in different colors depending on their type, plot, apartment or hospital etc. The application works in three layers. Top layer consists of multiple jpeg images, 640 by 640 pixels each, tiled together to form complete map. User simply has to scroll the custom bar to scroll through images which are viewed in continuation. All the images are divided into 8 by 8 grids. All the layers are available in detailed view also with major properties labeled. Each block in the grid when clicked will be zoomed into second level. This image is again in turn comprised of 64 images, 640 by 640 pixels each.

Site locator

This section is for customers interested in a site. Sites are searched on the basis of pin id' s provided by consultant If Id matches to existing pin then user is directly taken to the corresponding third layer. It has features to gauge distance between two points, not relative but absolute.

Highlights

- Scaleable, client is free to add as many city maps as desired.
- Use of object-oriented methodology in design and development
- Map Image was cut into small files representing single grid in map using VC++ application.
- Map pointer is scripted using Macromedia flash.
- Pin details are stored at online database implemented in SQL server.
- Site Locator is implemented using Active server pages using Java script for client side scripting.

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