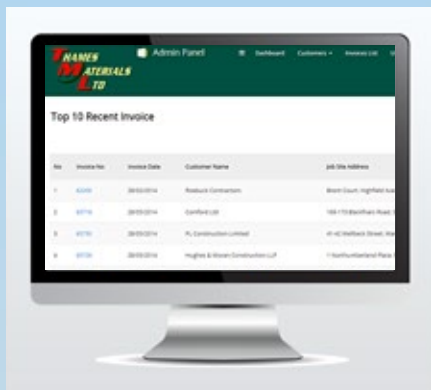


Thames Materials

Online Portal



Make light work of managing VAT, Manage customer and Sales.

Transfer and recycling of construction waste materials and the supply of primary and recycled aggregates.

Market

United Kingdom

Industry

Trading

"I've always been pleased with Xhtml Junkies Solutions because their people are very supportive and are always willing to listen. Their accountant also takes the initiative and calls us with her questions or suggestions. I also feel that XJ understands our needs."

Thames Materials
Team

Customer Profile

Thames Materials Ltd is a London based company which has been trading since 1995. The company's core business is the removal, transfer and recycling of construction waste materials and the supply of primary and recycled aggregates. Our client who operates in the trading Industry sought to hire the Code Igniter development expertise of Xhtml Junkies to design and implement customer, invoices and ticket system. This application involved interaction between a number of different type of users based on their role and access.

Brief Summary of Old System

Client have the two system:

- Sage 50 Accounting Software:



Client was using the Sage 50 to control day-to-day finance, it helps to manage accounts with ease, make light work of managing VAT, Manage customer and Sales.

- File Directory A Desktop Application:



User for managing customer Invoice, each invoice tickets (excel sheet and images).

- Issues with old System:



Synchronization of the customer data and File director data. They have to manual synch the record and manage.



Managing it by desktop application, so won't be able to access the system from the globally.



No robust user Restriction for accessing data.



The main important thing is no customer friendly.

Solutions

Xhtml Junkies has suggest to make a robust mediator web base application which can synchronize the Sage 50 and File Directory database as well as files. The biggest challenge for the XJ was to work on remote computer a desktop.

- Our Solution



Analyze the Sage50 database and File Directory System's database. Map the both database fields.



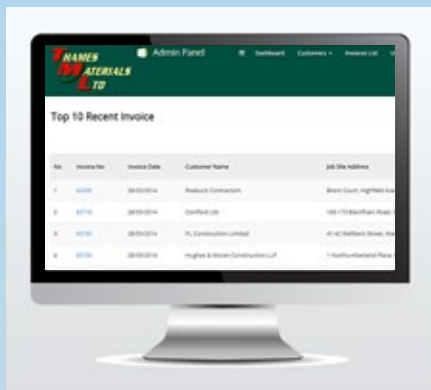
Identified the right method pull or push for fetching the data and storing it in our MySQL database.



Designed a flexible and scalable database.

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First we have created the test environment same as live server to work on.



Find the Sage50 Export tools for pushing the Sage50 database in our MySQL. Created the scheduler for at every 1hr to move sage50 data to MySQL database.



For the File Directory Database, using ODBC connection we have migrated SQL server database into MySQL.



We have created the cron files for pushing data file directory data to MySQL data.



We created the user-friendly application which can manage dashboard, Customer, Invoice, Tickets.



We have created the script for online converting the .CAB format images to .JPG format and runtime show it.



Creating the necessary PHP code (with Code Igniter) to run the competition site.



Creating the XHTML, CSS and JS for the site.



Providing a means to help with the tracking of users.



Working with already organized hosting solution.

• Development



To work on remote system. So it's obvious take time to work on it. As well as many connectivity issues.



Design a flexible and scalable database which can manage the sage 50 and file directory data.



Migrate the large amount of data from sage 50 and file directory to MySQL database.



Security of the data at the time of connecting and fetching the sage50 and file directory data.



Access the ticket data (Excel and image files in .CAB format).



Generate Dynamic PDF file of the Invoices as per provided pre-defined template.

Technologies



PHP, CodeIgniter, MySQL, JavaScript, jQuery, HTML5, CSS, AJAX, REST, XML