Twitter db based Web Portal
For
US Based Consultant

[INFORMATION TECHNOLOGY –SOCIAL WEB APPLICATION – CI FRAMEWORK / TWITTER API]

Client Overview

About Client: Client is a website designing and development company which also deals with strategic web consulting, online and offline marketing and search engine optimization.

Requirement Overview: Client's requirement was to develop a social networking web site which will use Twitter API and search key phrases twittered by various users who are registered with the website. This website was also expected to display various reports and charts.

Proposed Solution: SilverTouch proposed to develop the website in PHP technology platform. Silver Touch had suggested Code Igniter as a framework and MySQL as a back-end database for this project. Website was designed to work with Twitter API with major part of the website to work on real-time basis.

CMMi Level RATED 5

Portal with Twitter Integration

Benefits

Website is currently running successfully as per the client's expectation.

Project Description

Project is a web application, based on Twitter API using search key phrases Twittered by various users. It is a website where a live stream of people talking about poop is identified; it is developed using Twitter API. The list gets updated in real-time with most recent results appearing on top pushing the others down in chain. It also displays poop index graph and top rated poopers. The website provides facility to users of tracking their favorite pooper and creating the poop index graph of their own based on the key phrase of choice. The application is developed using Twitter API, PHP, Flash & HTML Technologies.

The project was to develop an Application fetching real time feeds from Twitter API and updating the graph of keywords. This application also provides facility to create index of own keywords which can be seen in form of Bar Chart. Application also shows real time tweets from Twitter on the main home page and also displays the user profile.

The challenges include, change in the existing logic of database storing for profile data and crone Jobs – Create database and implement the system which fetch data from third party API and store it to database. The application will not represent previous day data instead of current data.

Objectives

Main objective of this project was to develop a social website where user tweet on Twitter website and it will be displayed on this website on real time basis.

Project Approach / Activities

The Project was divided into various phases to achieve the best results in less time with optimal utilization of available technology features, capabilities and new enhancements.

1. **Phase I:** Understand client system requirement approach with the technology platform and create Software design development approach and sent it to client to let them know our understanding.
2. **Phase II:** Approved design by client has been incorporated into the development.
- Design has implemented into the specific technology platform.
- Started to work on development.
3. **Phase III:** Development is based on module requirement as per the existing website.
4. **Phase IV:** Deployment phase has done to the client side.

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Technology

Development Platform

Technology	Specifications
Technology & Framework	CI Framework and Twitter API
Database	Database: MySQL 5.x
Web Server/Hosting Platform	Apache
Languages	PHP 5.x
Operating System	Window XP

Deployment Platform

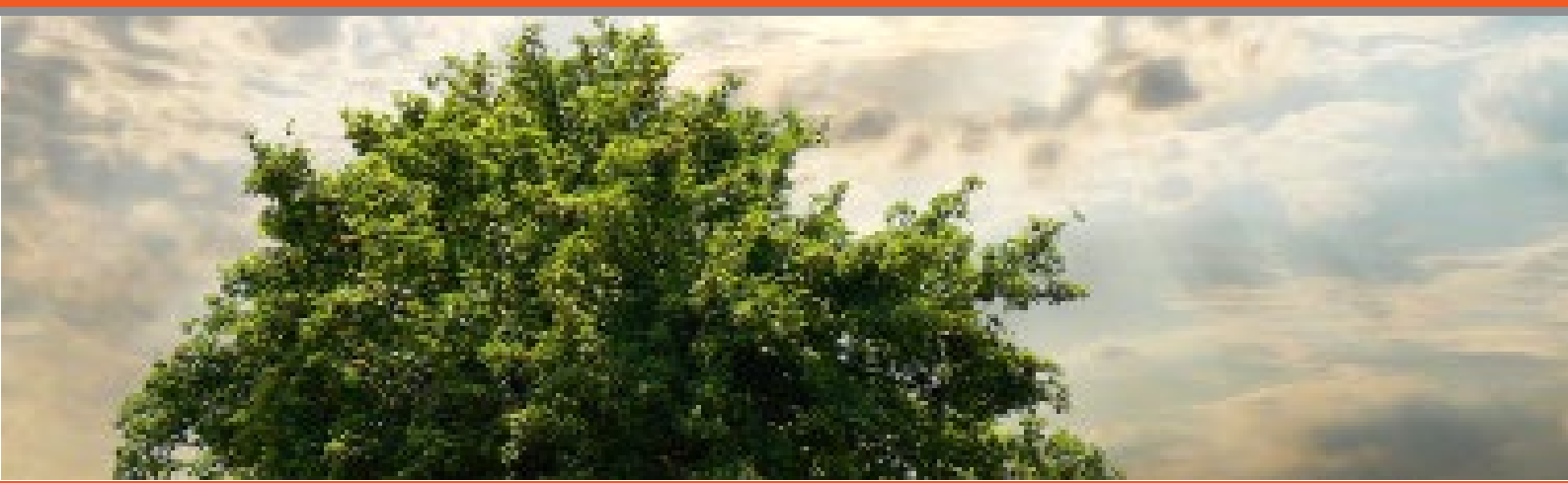| Technology	Specifications
Technology & Framework	CI Framework and Twitter API
Database	Database: MySQL 5.x
Web Server/Hosting Platform	Apache
Languages	PHP 5.x
Operating System	Linux

Duration

1. Project Actual Hours: 550 Man Hours

2. Project Life Cycle: 105 Days

Results Achieved

1. Website is developed and deployed on LIVE server and it is attracting users to use the website.

2. Website is having graphing index calculator.

3. The leader-board functionality is also implemented to motivate users to use this website.

4. Users can type in any twitter username to see how they stack up against other poopers.

Portal with Twitter Integration

Deliver best products, software solutions and services, on time with quality, and as per customer expectations

About SilverTouch

SilverTouch, a company established in 1992 is widely accepted for its IT solutions with a huge customer base in more than 20 countries across the world.

SilverTouch is actively engaged in Enterprise software development, enterprise content management, document management and IT consulting services such as Business process optimization, process consulting, implementation and customization of ERP. SilverTouch leads brilliantly in new technical developments such as: Mobile Application development services on iPhone, iPad, Blackberry, Android, J2ME and Windows mobile platforms. Even now, SilverTouch helps its global clients for major developments, deployments and managements of their mobility solutions and enterprise application development programs.

SilverTouch has alliance with several industry leaders such as Microsoft, Apple, Cisco, IBM, Oracle, SAP, Java, Dell, VM ware, Symantec, Sonic Wall which provides a competitive edge over other industry peers and targets to understand and cater to all types of requirements that concern our clients, thereby, leading to serve them precisely to their satisfaction.

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