Online Hotel Booking System

Customer Requirement

Online Hotel Booking System is a Zend framework based Web application, targeting to harness the potential of internet as a channel for both the Hotel Business and the potential customers alike. Simplify and reduce the manual records keeping administrative tasks that are becoming an overhead for the front desk operation. It is expected to provide an efficient alternative to the manual process that is inherently prone to delays & errors. It aims to provide the administrative department with consistent, adequate, actionable & timely information for tracking & managing the utilization of the available facilities and services.

Solution Provided

Zend framework based Web application manages the bookings for the various facilities available with the hotel. Administrative module enables managing the details of the facilities, services, tariffs, taxes. It also provides the detailed reporting for tracking the utilization of the available facilities.

Open sourced MySQL based database is utilized for data management.

Organization
Hotel and Resort

Industry Sector
Hotel

Scope
Enables managing the details of booking, payment, facilities, services, tariffs, taxes and reports.
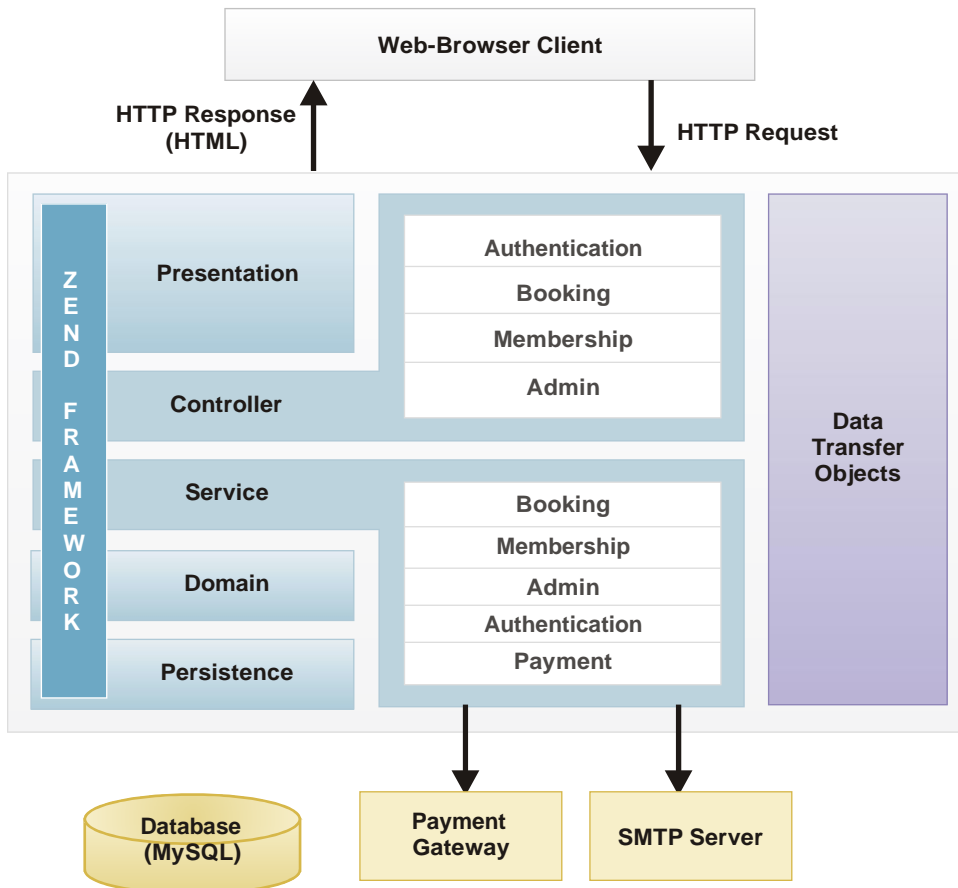
Environment
Zend Framework, MySQL, Apache, DOJO

Development Tools
Eclipse PDT

Engagement Model
Offshore model

Architecture

Web-Browser Client

HTTP Response (HTML)

HTTP Request

ZEND FRAMEWORK

- Presentation
- Controller
  - Authentication
  - Booking
  - Membership
  - Admin
- Service
- Domain
- Persistence
  - Booking
  - Membership
  - Admin
  - Authentication
  - Payment

Data Transfer Objects

Database (MySQL)

Payment Gateway

SMTP Server

Benefits to the Client

➲ Enables the hotel to cater to the potential customer base available through the internet channel

➲ Enhances the efficiency of the operators to perform their desk operations with ease.

➲ Enhances the management to track and manage the utilization of the facilities in real time.

For More Information

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