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Clover Care: Website and E-Marketing Development

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Primefaces
A component suite open source User Interface component library for Java Server Faces based applications

Hibernate ORM
An object-relational mapping library for the Java language, providing a framework for mapping an object-oriented domain model to a traditional relational database.

Spring Framework
A lightweight, open-source application framework designed for Java applications, extensively used in web development.

MySQL
MySQL is the most widely used open source relational database management system

Extensible Hypertext Markup Language (XHTML)
A family of XML markup languages that mirror or extend versions of the widely used Hypertext Markup Language (HTML).

Motivations
We wanted to create a more efficient way for Clover Care to reach out to their current and future clients and employees through the use of Web services and technology. For example we want employees to be able to clock in via our Caregiver Timesheet and allow clients to view invoices online.

Static Pages
Dashboard
Login
Caregiver Timesheet
Case Management Form
Invoice
Address Book
User Management

Secure Pages
Login
Caregiver Timesheet
Case Management Form
Invoice
Address Book
User Management

Implementation Structure
XHTML
JSF/PrimeFaces
Spring Framework
Hibernate ORM
MySQL

Conclusion
We have learned that effective web design can assist in managing a geographically diverse business and help connect clients and care givers, and improve communication and efficiency. These services can help managers and clients' loved ones feel confident of the service they are receiving. These services also greatly benefit the employee making the business far more efficient. One great example is having the invoice online which allows for the customer to see their bill online anytime.