PSI Customer Success Story

PSI helped Client add new HRIS product to the existing ePayroll system that also helps with forecast and planning staff costs and budgets.

PSI helps with SaaS based payroll software's extention:

Client adds to Product Offering!

"We were able to develop a product extionsion which helped with feature enhancement of our existing product line. PSI's services were tailored to our business requirements and ensured seamless integration with our current work processes."
-- Client

ENGAGEMENT HIGHLIGHTS:

PSI helped client add Human Resource Information System (HRIS) module to its existing product. PSI moved from Microsoft .NET 3 to the latest and more advanced technologies like MVC and responsive web approaches. PSI developed the EquipHR product in latest technology that truly created a collaborative work environment for the client.

HOW PSI ASSISTS AUSTRALIA'S LEADING PAYROLL SERVICES COMPANY IN EXTENDING A SAAS BASED SOFTWARE SOLUTION'S PRODUCT OFFERING

About the Client

The Client is Australia's largest privately owned Payroll services outsourcing company. The client was the first payroll company to provide a fully web enabled payroll application called "ePayroll". This is a SaaS based web application which is currently being used by hundreds of clients in Australia and other countries.

The Need

Although the client provided the complete range of commercial ePayroll services throughout the Australian market, it was confronted with tough competition from other Industry players as its web product was not able to meet all the requirements of the clients with the existing product. The client, thus engaged PSI to add a new product module to its existing product line using latest and more advanced technologies like MVC and responsive web approaches.

Challenges

KEY BUSINESS CHALLENGES:-

• Understanding the existing legacy system and complex business logics.
• Understanding the nitty-gritty of the Industry encompassing all Business units.
• Extremely tight delivery schedule
• Need for quick turn- around time for team deployment and interim ramp-up of team members to meet strict timelines.
• Minimizing the hiring costs to meet the budget.
• Learn and deliver simultaneously

KEY TECHNOLOGY CHALLENGES:-

• Following strict standards with IOC (Unity) and Rest services (API).
• Highly complex MVC architecture with Kendo UI, Typescript and ODBC layer.
• Delivery of sprints with minimal bugs
• Minimizing the impact of frequent changes during the entire development cycle.
• Creating a simple yet powerful and rich user interface.

Project at a Glance!

Project name
Upgrade comprehensisve SaaS bsed payroll services software solution for Australia's leading payroll services company and develop EquipHR.

Location
Australia

Duration
6 Months

Team Size
7

Industry
Payroll Services

Delivery Model
Hybrid

Engagement Model
Turnkey + Retainership

Challenge
Add product extention to the existing product while using more advanced technologies like MVC and responsive web approaches.

Solution
PSI supported the client in extending its business idea and developed the EquipHR product in latest technology that truly created a collaborative work environment for the client.

Result
This has added to the existing product offering of the client and has helped client to foray into the Human resource Industry and serve a larger client base.
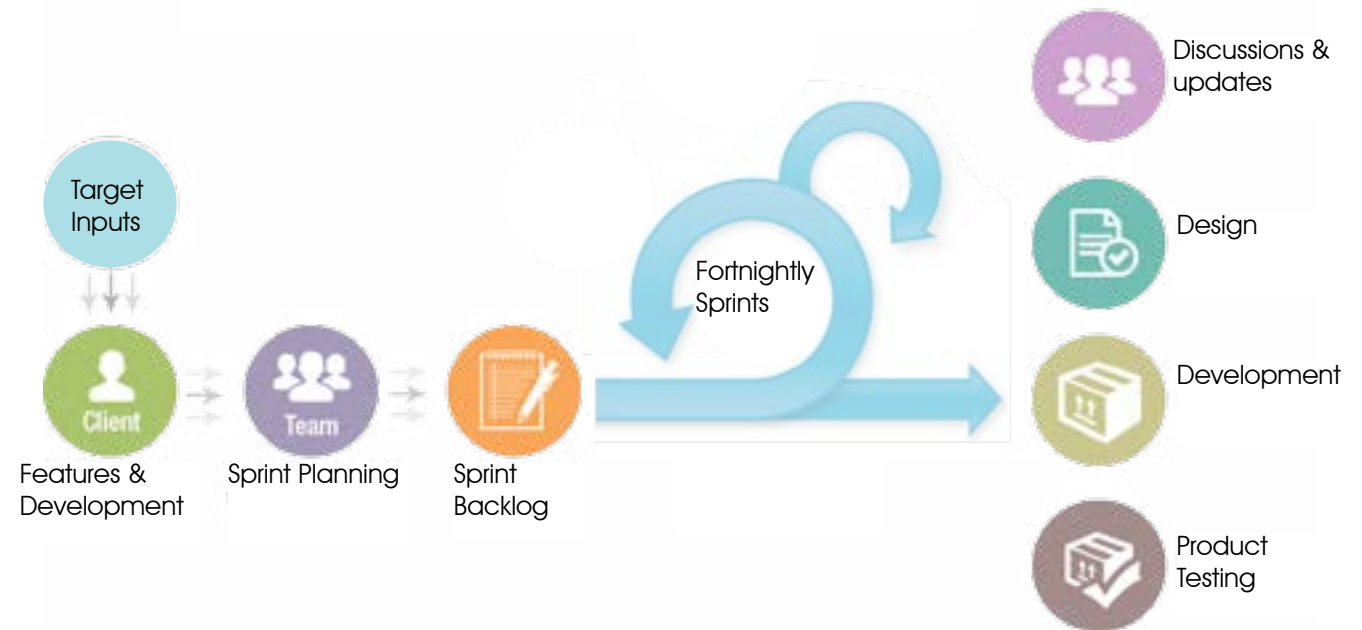
PSI'S SOLUTION APPROACH

Agile –Scrum Development Methodology was adopted where fortnightly sprints were planned. The complete Product backlog was broken down into Sprint backlogs which were further arranged on priority basis. Each sprint cycle involved designing, development and testing. Seamless integration of change requests was done with product backlog. A certified- Scrum- master was given charge of the team.

The same has been highlighted below:

Agile–Scrum Development Methodology as used by PSI

SOLUTION FEATURES

- Provided a very powerful and rich user interface using Kendo UI.
- Highly scalable ASP.NET MVC Architecture was deployed.
- MS SQL 2008-12 DB database was used for extreme data performance.
- Sleek & intuitive front-end framework was provided through Melon responsive Admin Template based on Bootstrap 3 with very flexible content structure.
- Ensured continuous integration and deployment by using MS TFS 2013.

TECHNOLOGY USED:

Language: C# (MVC 5 & Entity Framework 6, IoC- Unity 2x)
Framework: Dot Net 4.5.1
Front End: ASP.NET, Web API, HTML5, Kendo UI for ASP.NET MVC Q3 2013, Type Script, jQuery, JavaScript, Melon responsive Admin Template, Bootstrap 3, DocX, Essential Objects for PDF, EPplus for Excel
App Server: .NET
Database: Microsoft Windows Server 2008 R2 - 2012
Platforms: Microsoft Windows Server 2013
Other: Visual Studio 2013, TFS 2013, Photoshop

ACHIEVEMENTS

Delivery of the project within the highly ambitious timelines and budget in spite of the existing legacy, complex business logics and frequent change requests.

Delivered a robust application that was compatible with different devices and supported by all the browsers.

Succesful launch of minimum Viable Product (MVP) in just 120 days.

PSI has succeeded in grabbing the opportunity for all their upcoming projects as their technical service providers.

Microsoft Partner
Gold Application Development
Silver Application Lifecycle Management
Silver Collaboration and Content
Silver Data Platform

About PSI

PSI is a market leading IT Services Company headquartered in CA, USA, providing Software Product Development, IT consulting & Offshore Outsourcing Solutions to ISV's (Independent Software Vendors), ASP's (Application Service Providers), IT Service Providers and IT Consumers from across the globe. With a Dedicated Software Development & Delivery Center in India, equipped with latest hardware, software and data communication facilities; PSI provides an ideal offshore development center (ODC) to its esteemed clients.

US Office: 21860, Via Regina, Saratoga, California 95070 USA | p:(408) 898-4846 | f: (408) 867-0666
India Development Center: G1 – 265-266, RIICO Industrial Area, EPIP, Sitapura, Jaipur – 302 022 | Ph: +91-141-6690000
www.thePSI.com