Campus Health Services

UW Campus Health Services has been strictly following the health care procedure and regulations to make sure the patients are best taken care of. One of the most important issues is to provide immunization services to employees and students who have a requirement to meet "healthcare worker." They are using a vendor software called Occupational Health Manager (OHM) to generate reports and supervise the health situation of employees.

Problem

- OHM is a fixed format report. The contents and layout can't be revised.
- OHM can't be subscribed. Customers need to generate reports periodically by themselves.
- OHM needs half an hour to generate reports. It is very time consuming.
- Vendor software need extra cost for license.

Process

Harborview Medical Center, UW Hall Health Center, UW Medical Center Employee Health Center

- Customers' requirements
- Campus Health Services database
- Immunization report functions, feature and layout
- Construct SQL statements
- Embed codes into report layout
- Come up with standardized work flow
- Create guideline for generating reports

Methods & Tools

SQL Server Report Services

SSRS is one of the Business Intelligence tools from Microsoft. It offers several tools for authoring and deploying reports on a report server running in native mode. Reports are defined in Report Definition Language.

Content control
Format Design
Develop Reports

Interview
Authoring
Draft layout

Interactive
Presentation
Visualization

Data Source
SQL Server Database

Reporting Service
SQL Server Business Intelligence Tools

Clients
Multiple Formatted Reports

Impact

Save Time
SSRS is capable of generating a mass number of similar reports in only a few seconds.

Allow Customization & Subscription
Based on users requirement, SSRS allows end users to customize reports by passing different parameters to the reporting tool. It also supports periodic report subscriptions.

More User Friendly
End users are not involved in any report formatting and content editing, which reduces human errors

Sample Report

Report Generation Steps

Select the template you need, such as Immunization Status Report
Input parameters to customize reports, such as dates, departments or supervisor name
Click submit, your customized reports are ready in just a couple of seconds

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