Assignment 1 Fall 2017

Introduction:

We have had several presentations in class related to Diabetes. Consider that you are working for a practice focused on Diabetes care. They have four clinics, 2 EMRs and 20 providers total including physicians, nurse practitioners and physician’s assistants. The practice has a lab to do routine blood work for this patient population.

The challenge:

The two EMRs are incompatible and yet there is a goal to standardize treatment across clinics to improve outcomes. In addition, the practices want to use telemedicine for patient monitoring and education.

The question:

What system can be designed to aggregate data from all four practices and 2 EMRs to produce outcomes visualizations? Provide a project charter for presentation. Please use the critical to quality chart and failure modes and effects analysis to fine tune your solution.