

# Coursework



EssayBox

## **Vendor Evaluation Matrix**

Student's First Name, Middle Initial(s), Last Name

Institutional Affiliation

Course Number and Name

Professor's Name and Title

Date

## Vendor Evaluation Matrix

**Instructions:** Score each vendor on a scale from 1 (poor) to 5 (excellent) on each of your prioritized items. Total up your ratings for each vendor to help make your comparisons. Write the names of the vendors you are comparing in the watermark space provided in vendor columns. Use the blank rows at the end of the worksheet to ask your own questions.

Functionality/Usability	Priority	Vendor A	Vendor B
<b>Charting</b>		<b>Intel</b>	<b>Alert</b>
Can the system accommodate (and potentially improve) my workflow?	<b>High priority:</b> The system adopted should accommodate and quickly improve the organizational workflow. The facility should be able to carry out its process efficiently and effectively, and this will enhance the firm's service delivery.	3	3
Can I quickly build or customize "off-the-shelf" templates?	<b>High priority:</b> Customization of the off-the-shelf template is essential for the organization since it will ensure that all the organizational requirements are satisfied and in case of change, new needs can be added to the template.	3	4
Does the system offer various data entry options, e.g., dictation, voice recognition, structured notes, etc.?	<b>Neutral:</b> A good system over a variety of data entry modes can help the organization to save time. However, it is unimportant since the organization has qualified personnel to capture data.	2	3
Can the existing organization's workforce use the system?	<b>Low priority:</b> the system should be able to utilize the existing workforce. However, the staff can be trained on how to use the system.	2	2
<b>Prescriptions</b>			
Can I complete a prescription within a few clicks?	<b>Critical:</b> it is essential for the staff to complete prescriptions with few clicks as this will maximize the number of patients served.	4	3
Can I look up medication information, and is this information valuable?	<b>High priority:</b> Medical information is essential since it helps health practitioners to prescribe the right drugs. Thus, a system should offer health information.	3	3

How extensive (and how sensitive) is the system's interactions-checking capability, e.g., drug-drug, drug-allergy, drug-food?	<b>High priority:</b> A system should be able to check interactions, and this will help the medical personal to prescribe the proper medication.	2	4
<b>Lab and Results Management</b>			
Can I complete a lab order within a few clicks?	<b>High priority:</b> A system should be able to complete a lab order with a few clicks, maximizing the organization's efficiency.	3	4
Can the system send lab orders electronically to laboratories, hospitals, etc., in my local market?	<b>Neutral:</b> The system should be able to send lab orders electronically. However, the personnel can also send them manually.	3	3
Can I pull up and review lab results within a few clicks?	<b>High priority:</b> A system should retrieve lab results within a few clicks.	3	4
<b>Decision Support</b>			
Does the system utilize clinical information from all parts of the chart to provide decision support?	<b>High priority:</b> A system should be able to utilize clinical lab reports.	4	4
Does the system issue alerts on essential decisions such as notifying the admission that the room is ready?	<b>Low priority:</b> Systems should issue alerts on important decisions. However, it's of low priority.	1	3
<b>Disease and Population Management</b>			
Assuming good data entry for all patients, can I query the system and identify patients with a particular condition, are on a specific medication, etc.?	<b>Critical:</b> it is essential for a system to identify patients with particular conditions.	3	2
Does the system help to manage and monitor the health conditions of the patients?	<b>High priority:</b> The system should be able to monitor the health conditions of patients.	4	3
<b>Health Record Management</b>			
Can I look up a patient by a number of different criteria, e.g., name, MRN, SSN, etc.?	<b>High priority:</b> A system should offer patients information easily.	3	3
Does the system provide a summary view of a patient's health status	<b>High priority:</b> A system should provide patients with medical history.	3	2

Clinical Tasking and Messaging			
Can I access and manage various tasks, e.g., sign progress notes, review labs, etc., within a few clicks?	<b>Low priority:</b> A system should enable the personnel to manage tasks. However, this element is less important.	3	3
Can I task or message someone else in the practice and do it with a few clicks?	<b>Low priority:</b> A system should enable users to communicate. However, they can also use other communication mediums.	2.5	3
Financial Considerations			
Roughly how much could the system cost my clinic?	<b>Critical:</b> The costs of purchasing equipment are critical due to the scarcity of funds.	3	4
What are the maintenance costs?	<b>High priority:</b> The maintenance costs determine the expenses incurred in the organization and are thus essential (Gorla, Somers & Wong, 2010).	4	3
<b>TOTAL SCORE</b>		<b>58.5</b>	<b>63</b>

## Reference

Gorla, N., Somers, T. M., & Wong, B. (2010). Organizational impact of system quality, information quality, and service quality. *The Journal of Strategic Information Systems*, 19(3), 207-228.