**Assignment 1 – Addison Babcock**

This an assignment to get you familiar with Enterprise Resource Planning systems and terminology. This semester we will focus on SAP and the next semester PeopleSoft (Oracle).

You will be marked on this.

**A. ERP**

1.       What is an ERP System?

An Enterprise Resource Planning System provides a real-time view of the available resource in an enterprise. It allows for the planned use of those resources. The resources can include financial, manufacturing capacity, human resources, supply chain, customer relationships, and many others.

Web based system blah blah blah.

2.       What industries use ERP?

Basically, every organization has a need to manage the things that an ERP can handle.

Manufacturing, hospitals, education, banking.

3.       Who are the market leaders in ERP systems?

SAP, Oracle, Microsoft, Infor, Epicor. <http://erpsoftware360.com/erp-software.htm>

Salesforce, JP Edwards.

**B. SAP**

4.       What is SAP?

Systems, Applications and Products. It is a software company started by IBM employees in 1972. They produce the most popular ERP system.

5.       Who uses SAP?

Many large corporation use SAP including IBM and Microsoft. <http://searchsap.techtarget.com/definition/SAP>

ATB, Ford, Chrysler, Dell, Sobys, BAYER, USPS, Indian Railways, China Telecom.

6.       What is SAP NetWeaver?

The core application server for SAP’s suite of products.

The framework for SAP.

7.      What is SAP Visual Composer?

Visual Composer is a way to make web applications through a visual interface without coding. It is used to create web form applications.

A way to visually create business processes in SAP. A way to connect different systems.

8. What is the benefit of SAP

Allows businesses to replace multiple pieces of software with one single modular set of data. Provides accurate information in real time.

**C. PeopleSoft (Oracle)**

9.       What is Oracle PeopleSoft?

PeopleSoft is a suite of ERP applications provided by Oracle.

10.   Who Uses PeopleSoft?

DOW Chemical Company, Kenya Airways, National Instruments. <https://www.oracle.com/search/customers/_/N-42db?No=50&Nr=112&Nrpp=10>

A lot of HR companies including NAIT and Grant MacEwan, Air Canada, Gov of Alberta and Canada. Supply chain companies too.

11.   What is PeopleTools?

PeopleTools is a development suite on which the PeopleSoft ERP applications are based. It is a cross platform environment which uses PeopleCode as its primary development language.

Similar to VB programming.

12. What is the benefit of PeopleSoft Peopletools

PeopleTools is highly abstracted and can be used with a number of different operating systems and databases. PeopleTools provides a built in programming language but can also work with others.

**D. Microsoft Dynamics**

13.       What is Microsoft Dynamics?

A line of ERP solutions made by Microsoft. Dynamics CRM is a CRM solution. Microsoft Dynamics is only sold through third party resellers.

A number of different software packages, not just one.

14.       Who Uses Microsoft Dynamics?

Ashley Furniture, City of Lethbridge, CBC. https://customers.microsoft.com/Pages/advancedsearch.aspx?mrmcproducts=Microsoft Dynamics AX

A lot of smaller to midsize companies.

15. What is the benefit of Microsoft Dynamics

Because Dynamics is only sold through third party resellers, the organization will be getting a customized solution.

SharePoint integration.

**E.** Show the differentiation between Microsoft Dynamics, PeopleSoft, SAP or other ERP systems?

(Draw a table to distinguish between the various ERP systems)

|  |  |  |  |
| --- | --- | --- | --- |
| Dynamics | PeopleSoft | SAP | Others |
|  | Selected by the most organizations. | Considered by the most organizations. |  |
| Quickest implementation time. | Takes longer to implement than planned. | Takes longer to implement than planned. |  |
|  |  | The least predictable business benefits. |  |
| Easy to customize. | High level of customization. |  |  |
| Easy to use. |  | Marginally more difficult to use. |  |
| Cloud available | Cloud available | Cloud available |  |

<http://panorama-consulting.com/clash-of-the-titans-2012-sap-vs-oracle-vs-ms-dynamics/>

http://www.socius1.com/side-by-side-erp-comparison-microsoft-dynamics-ax-vs-sap-all-in-one/