

Literature Review and Proposal

Introduction

Oracle technology is a computer technological application that nations currently use. It deals with various aspects of computer works including developing and marketing computer hardware systems. This technology also involves enterprising software components generated by Oracle experts. It is both online and offline technology in which various experts perform different computer related duties. Some of these activities include Java developing, database administration and development, systems administration and development, and solution architecture.

The proposal covers solutions architecture as one of the activities falling under Oracle technology. It looks at the effectiveness of solutions architecture under Oracle technology as applied in JP Morgan Chase. The enterprise is one of the organizations that have put in force the use of solutions architecture from Oracle technology. It remains worth therefore enquiring on whether 'solutions architecture' developed by Oracle technology fully meets an organization's requirements.

A number of intellectuals of both recent and in the past have written articles and books addressing the same issue. It remains prudent reviewing some of them since they form the first hand remedy for our problem. Moreover, making proper references facilitates the rate at which proper adjustments can be made on this area of knowledge.

Literature Review

According to Fischer (2005), the new management, as required by the licensing department, should have standards that are based on Oracle technology (p. 114). The authors look at the new requirements issued from the Basic Business License (BBL), which actually proposed certain recommendations in 2003. Some of the stipulations touched on the use of intranet services, data sharing, and, more specifically, the use of Oracle as the main data repository.

Murgante, Gervasi, Iglesias, Taniar, & Apduhan approach the current technology by looking at basic calculation as developed by Oracle technology (2011). In a detailed way, the document presents information on workshop on wireless and Ad Hoc Networking (Murgante, Gervasi, Iglesias, Taniar, & Apduhan, 2011, p. 412). It, therefore, presents important concepts thereby facilitating the understanding of Oracle technology. The idea thus calls for much attention especially from the organizations that look forward to enjoying its application.

Chandra and Grabis, in their book of *Supply Chain Configuration: Concepts, Solutions and Applications* ((2007), basically approach this idea by touching architecture integration as one of the most demanding factors (p. 257). For organization to fully enjoy most of the Oracle services, the proper integration of the relevant applications must be in place. Companies just like JP Morgan Chase, should put integration of specific technologies in the forefront.

Gambier & Doorslaer (2010) approach the concept of new technology by looking at the changes taking place in the world (p. 79). This facilitates proper understanding of the Oracle technology by perceiving it as a current issue. The authors argue that a series of integration technologies remain available especially with respect to new solutions changes. The two view integration approaches and technologies from the perception of data, business process levels and relevant applications.

Cimolini & Cannell (2012) came up with a literature titled *Agile Oracle Application Express*. In this book they mainly tackle software development in relation to Oracle technologies (Cimolini, & Cannell, 2012). The authors look at various values that have really granted Agile Oracle a great success. Putting customers' demands in front and ensuring their satisfaction remain the most important concerns of the company. The corporation views itself as a nonprofit one aiming at giving the best to its customers. Regarding software development, the authors define systems integration as one of the main areas of interest.

Gault presents information of Oracle Application Express (APEX) from various perspectives including how it works. He further compares this technology to the future by focusing on a number of factors (Gault, 2013, p. 3). Developing data for a specific purpose

demands high level commitment in attaining quality work. Organization, therefore, requires deep insight in treating matters concerning any form of solutions architecture.

John Garmany, in his turn, explains a number of ways one can apply Oracle (Garmany, 2005). In his *Easy Oracle: Get Started Fast Writing SQL Reports with SQL *Plus* he explains the fundamental basic concepts in dealing with the online systems. Based on the usefulness of Oracle online system, it remains apparent that almost every literate individual requires a step ahead in matters pertaining to Oracle.

According to Haan, Gordon, Jørgensen, & Caffrey, Oracle technology remains one of the most vital requirements for current advancement (Haan, Gordon, Jørgensen, & Caffrey, 2014, p. 6). One major aspect in line with Oracle technology settles on solutions architecture. The authors contributed towards understanding this form of knowledge by availing the most relevant information.

Campilho, & Kamel approach the concept of Oracle technology by looking into various concepts underlying image analysis (Campilho, & Kamel, 2010, p. 40). They look at how the current Oracle technologies prove useful in analyzing such factors as retinal images. The authors express the most relevant knowledge with an aim of making people become aware of what Oracle technology really entails.

Furthermore, *Oracle Identity and Access Manager 11g for Administrators* by Atul Kumar is the next source containing information concerning Oracle technology. The author avails information on various matters entailed in Oracle technology. Some of the important pieces of information contained include management systems that underlie this software (Kumar, 2011).

Havewala P. H, being an Enterprise Manager in Oracle Corporation, possesses relevant information concerning Oracle technologies (Havewala, 2012, p. 5). The author aims at providing users, including organizations, with the most important information regarding the software. He makes the ideas so relevant thereby bringing a lot of ease when it comes to dealing with corresponding parts of Oracle technology. It enables an individual to obtain advanced skills concerning mentioned applications.

Finally, Kyte in his book entitled *Expert Oracle Database Architecture: Oracle Database 9i, 10g, and 11g Programming Techniques and Solutions* discusses a number of procedures of Oracle software. However, he provides a clear approach that can enable an individual to fully comprehend the concepts of software development in regard to Oracle technologies (Kyte, 2010). The author stresses on the point of identifying the intricacies connected to operation systems (OS), since it acts as the fundamental issue in developing any software system. Kyte thus aims at providing explicit explanation concerning the concepts behind coming up with a good computer software system. In the actual sense, this book proves appropriate for this research since it provides information thus contributes towards improving the knowledge of the researcher.

Proposal

Proposal: Enhancing the effectiveness of solutions architecture in JP Morgan Chase organization.

In soliciting relevant information for the above mentioned thesis, the following procedures prove appropriate:

Iteration 1: This step begins with the formation of five divisions charged with the responsibility of collecting information from Oracle Corporation. The groups hold a meeting aiming at providing an overview of what the proposal entails. The gathering provides very little opportunity for deeper discussion of the matters at hand. It also involves mentioning of some competitors of Oracle Corporation. Moreover, the stage provides an opportunity for any possible form of recommended adjustment.

Iteration 2: This stage involves the five divisions deliberating on the issues mentioned. It is at this point that they analyze the Oracle Solutions Architecture with respect to JP Morgan Chase Organization while comparing it with similar industries. At this stage members get an opportunity of making necessary adjustments as concerning solutions architecture where it is deemed necessary.

Iteration 3: At this point, real discussions of the matters at hand will take place. All parties come together and discuss into details what exact findings were obtained from the company. It forms the point at which implementation of the decisions is likely to be discussed. These findings purely concern effective solutions architecture. In addition, integration of ideas from various findings, including those concerning other organizations related to Oracle Corporation, will be discussed.

Iteration 4: At this point, the main task remains for the researchers. They will get the data obtained by the groups and carry out proper analysis, when each element is given proper consideration and serious analysis is carried out. After accomplishing the analysis process and accurate inference is done, the researchers record the findings by using appropriate documentation material.

Iteration 5: Since this research majorly looks at how to improve the effectiveness of solutions architecture, this stage remains very important. It forms the last phase of the research since it is at this point where all the researchers present the relevant and important findings related to solutions architecture as applied in JP Morgan Chase organization. The groups come together at this stage with a view of relaying the information obtained to the relevant people in the organization. Upon issuing proper explanation concerning the new procedures, the documented information is given to the respective groups for proper implementation.

Iteration1 Overall Group Discussion	The groups identify possible areas of research.	The areas are noted down.	General discussion.	Every group is given time to think over the concerns.
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Iteration2 Discussing the proposal.	Parties present their views on JP use of solutions architecture.	Basic comments.	Few reactions from the group.	Every division collects information.
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Iteration3 Coordinating meeting	Presenting findings on JP solution architecture.	Appropriate integration of the findings.	Consideration of most important and relevant improvements.	Divisions take time to verify any area of possible alterations.
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Iteration4 Analysis and Documentation Process	Availing data and using appropriate analysis method.	Analyzing data and documenting the final decision.	Counterchecking the document.	Final review of the documented data.
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Iteration5 Approval Stage	Arranging for final meeting with the people.	Presenting of copies of finalized data to divisions.	Looking through and discussing the documents.	Implementation of the findings
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