

31616.202130 - SUMMER 2021 - SECURITY ARCHITECTURE & DESIGN (ISOL-536-B04) - SECOND BI-TERM

Individual Assignment 4

Yogesh Jagarlamudi

on Fri, Jul 23 2021, 11:14 AM

74% highest match

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Attachments (1)

Individual Assignment 4.docx 74%

Word Count: 733

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Individual Assignment 4.docx

1 SECURITY ARCHITECTURE AND DESIGN 2

Individual Assignment 4

Yogesh Jagarlamudi

Executive MSIT

2 UNIVERSITY OF THE CUMBERLAND'S

3 SUMMER 2021 - SECURITY ARCHITECTURE & DESIGN (ISOL-536-B04)

DATE:07/23/2021

Individual Assignment 4

The current octopus data flow diagram illustrates the movement of data and the alterations between entities and processes. It indicates the permanent or temporary data stores and how the output from one procedure may be utilized as an input into another procedure. The octopus data flow diagram displays the entire business intelligence and analytics system, which is a conversion tool, with entities as the data input.

The business analysis could be regarded as a data octopus. It has numerous limbs that ought to touch a lot of sources to collect and organize all the siloed and discontinuous data and systems. According to (Pant, P. (2018), this is the key function of business analysis: to discover obscured data in the intricacy of the data being administered by the numerous schemes of a multifaceted business. By use of business intelligence, a company could join the disjointed data and thereby offer a vehicle for evaluation of the subsequent synthesis and correlation.

2 TO ASSESS THE PERFORMANCE AND ACTIVITY OF ENTERPRISE FUNCTIONALITIES, THE BUSINESS INTELLIGENCE SYSTEM WILL COLLECT INFORMATION FROM NUMEROUS ORIGINS, AND THEREBY, THERE IS AN APPARENT CORRELATION TO THE BACKEND DATABANK. MOREOVER, THE ANALYTICS MIGHT UTILIZE THE MESSAGE BUS AS A SENDER TO BID FOR DATA, AND AS A LISTENER, TO ACQUIRE ESSENTIAL INFORMATION. (Shanks, G. 2 (2018) NOTES THAT THE ANALYSIS MUST DRAW CONNECTIONS TO BODIES LIKE AN EMPLOYEE, CUSTOMER, OR PARTNER AND MESSAGES TO ITEMS LIKE VALUING FRAMEWORK AND DIRECTORIES. THE SYSTEM ALSO UTILIZES THE MESSAGE BUS TO MONITOR AND COLLECT DATA REGARDING DEALINGS FROM THE EXTERNAL SECTORS. EVERY ONE OF THESE DATA KINDS MAY EXIST IN DIFFERENT AND DISTINCT DATA BANKS.

(Intezari, A. 2 (2017) STATES THAT IT IS TYPICAL FOR BUSINESS INTELLIGENCE AND ANALYTICS TO TRACE ALL THE BACKEND STRUCTURES AND DATABANKS. THE ANALYSIS SYSTEMS COMPRISE OF CODES COMPREHENDING WAYS TO ANALYZE SPREADSHEETS, CRAWL FLAT-FILE INDICES, READ AND PROCESS DATA STORES AND COMPRISES OF CODES THAT CAN PARSE DISTINCT INFORMATION INTERCHANGE FORMATS. A TYPICAL BUSINESS ANALYSIS SYSTEM WILL UTILIZE THE PRESENT BUSINESS PROCEDURE OPERATIONS INCLUDING THE IN-HOUSE BUSINESS FUNCTIONS THAT GENERATE STATISTICS SUCH AS SALES. OCCASIONALLY, REQUIRED PROCEDURAL OUTCOMES COULD BE GOTTEN FROM DATABANKS OR OTHER REPOSITORIES. IN THIS SCENARIO, THE SEARCH ENGINE FETCHES THE RESULTS AVAILABLE JUST IN THE USER INTERFACE OF A CERTAIN APPLICATION. THE BUSINESS ANALYSIS SYSTEM COULD

ALSO USE THE METADATA CORRELATED WITH INDIVIDUAL BUSINESS APPLICATIONS AS A SOURCE OF DATA.

TO DELIBERATE THE COMPLETE SYSTEM, AN INDIVIDUAL MUST COMPREHEND THE DESIGN OF THE BUSINESS ANALYSIS SCHEME AND ITS DEALINGS WITH OTHER SYSTEMS. To consider the entire system, it is imperative to understand the design of the business analysis itself and its interactions with other systems.

2 THE SAFETY OF EVERY SCHEME LINKED COULD IMPACT THE SAFETY OF THE BUSINESS ANALYTICS. EQUALLY, THE SAFETY OF THE BUSINESS ANALYTICS COULD AFFECT THE SAFETY STANCE OF EVERY SCHEME IT LINKS. (Shanks, G. (2018). **2 AN INDIVIDUAL MUST PERCEIVE THE COMMUNICATIONS AS A WHOLE TO EVALUATE THE SAFETY OF ALL ITS PORTIONS.** Not all interactions in the current data flow diagram include the analysis of information. Other interactions within the system are also significantly crucial.

Typically, business analysis networks will sustain authorizations for everything, some of which are trade secrets or extremely proprietary. **2 A CRUCIAL CHALLENGE REGARDING BUSINESS ANALYTIC SYSTEMS IS THAT THEY HAVE TREMENDOUS RIGHTS TO ALL BACKEND DATABASES OF AN ENTERPRISE ARCHITECTURE.** (Pant, P. (2018). Therefore, the security stance of the business analytics scheme can considerably impact the stance of the system to which it connects. **2 BY HAVING THESE GREAT PRIVILEGES, THE BUSINESS ANALYSIS SYSTEM IS DELIBERATED AS A REPOSITORY FOR THE DELICATE INFORMATION IT GENERATES AND FOR THE ACCESS PRIVILEGES. IF NOT SAFEGUARDED APPROPRIATELY, BUSINESS ANALYTICS PRIVILEGES COULD PUT EVERY SCHEME FROM WHICH IT COLLECTS INFORMATION IN JEOPARDY OF AN ATTACK.**

References

2 INTEZARI, A., & GRESSEL, S. (2017). 2 INFORMATION AND REFORMATION IN KM SYSTEMS: BIG DATA AND STRATEGIC DECISION-MAKING. JOURNAL OF KNOWLEDGE MANAGEMENT.

4 SHANKS, G., GLOET, M., SOMEH, I. A., Frampton, K., & Tamm, T. (2018). 4 ACHIEVING BENEFITS WITH ENTERPRISE ARCHITECTURE. THE JOURNAL

Pant, P., Kumar, P., & Rawat, S. (2018). A Data Flow Pipeline and Logical View for Enterprise Big Data Architecture. In Smart Computing and Informatics (pp. 387-394). Springer, Singapore.

Citations (4/4)

- 1 Another student's paper
- 2 Another student's paper
- 3 Another student's paper
- 4 <https://business.uq.edu.au/profile/1469/ida-asadi-someh>

Matched Text

Suspected Entry: **82% match**

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SECURITY ARCHITECTURE AND DESIGN 2

Source - Another student's paper
SECURITY ARCHITECTURE 2

Suspected Entry: **100% match**

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UNIVERSITY OF THE CUMBERLAND'S

Source - Another student's paper
University Of The Cumberland's

Suspected Entry: **100% match**

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TO ASSESS THE PERFORMANCE AND ACTIVITY OF ENTERPRISE FUNCTIONALITIES, THE BUSINESS INTELLIGENCE SYSTEM WILL COLLECT INFORMATION FROM NUMEROUS ORIGINS, AND THEREBY, THERE IS AN APPARENT CORRELATION TO THE BACKEND DATABANK

Source - Another student's paper
To assess the performance and activity of enterprise functionalities, the business intelligence system will collect information from numerous origins, and thereby, there is an apparent correlation to the backend databank

Suspected Entry: **92% match**

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MOREOVER, THE ANALYTICS MIGHT UTILIZE THE MESSAGE BUS AS A SENDER TO BID FOR DATA, AND AS A LISTENER, TO ACQUIRE ESSENTIAL INFORMATION

Source - Another student's paper

Moreover, the analytics might utilize the message bus as a dispatcher to bid for data, and as a listener, to acquire essential information

Suspected Entry: **93% match**

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(2018) NOTES THAT THE ANALYSIS MUST DRAW CONNECTIONS TO BODIES LIKE AN EMPLOYEE, CUSTOMER, OR PARTNER AND MESSAGES TO ITEMS LIKE VALUING FRAMEWORK AND DIRECTORIES

Source - Another student's paper

The analysis must draw connections to bodies like an employee, customer, or partner and messages to items like valuing framework and directories

Suspected Entry: **83% match**

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THE SYSTEM ALSO UTILIZES THE MESSAGE BUS TO MONITOR AND COLLECT DATA REGARDING DEALINGS FROM THE EXTERNAL SECTORS

Source - Another student's paper

The system also utilizes the message bus to heed and collect data regarding dealings from the exterior sectors

Suspected Entry: **100% match**

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EVERY ONE OF THESE DATA KINDS MAY EXIST IN DIFFERENT AND DISTINCT DATA BANKS

Source - Another student's paper

Every one of these data kinds may exist in different and distinct data banks

Suspected Entry: **100% match**

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(2017) STATES THAT IT IS TYPICAL FOR BUSINESS INTELLIGENCE AND ANALYTICS TO TRACE ALL THE BACKEND STRUCTURES AND DATABANKS

Source - Another student's paper

(2017) states that it is typical for business intelligence and analytics to trace all the backend structures and databanks

Suspected Entry: **100% match**

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THE ANALYSIS SYSTEMS COMPRISE OF CODES COMPREHENDING WAYS TO ANALYZE SPREADSHEETS, CRAWL FLAT-FILE INDICES, READ AND PROCESS DATA STORES AND COMPRISES OF CODES THAT CAN PARSE DISTINCT INFORMATION INTERCHANGE FORMATS

Source - Another student's paper

The analysis systems comprise of codes comprehending ways to analyze spreadsheets, crawl flat-file indices, read and process data stores and comprises of codes that can parse distinct information interchange formats

Suspected Entry: **100% match**

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A TYPICAL BUSINESS ANALYSIS SYSTEM WILL UTILIZE THE PRESENT BUSINESS PROCEDURE OPERATIONS INCLUDING THE IN-HOUSE BUSINESS FUNCTIONS THAT GENERATE STATISTICS SUCH AS SALES

Source - Another student's paper

A typical business analysis system will utilize the present business procedure operations including the in-house business functions that generate statistics such as sales

Suspected Entry: **100% match**

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OCCASIONALLY, REQUIRED PROCEDURAL OUTCOMES COULD BE GOTTEN FROM DATABANKS OR OTHER REPOSITORIES

Source - Another student's paper

Occasionally, required procedural outcomes could be gotten from databanks or other repositories

Suspected Entry: **100% match**

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IN THIS SCENARIO, THE SEARCH ENGINE FETCHES THE RESULTS AVAILABLE JUST IN THE USER INTERFACE OF A CERTAIN APPLICATION

Source - Another student's paper

In this scenario, the search engine fetches results available just in the user interface of a certain application

Suspected Entry: **100% match**

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THE BUSINESS ANALYSIS SYSTEM COULD ALSO USE THE METADATA CORRELATED WITH

Source - Another student's paper

The business analysis system could also use the metadata correlated with individual business applications as a source of data

INDIVIDUAL BUSINESS APPLICATIONS AS A SOURCE OF DATA

Suspected Entry: **92% match**

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TO DELIBERATE THE COMPLETE SYSTEM, AN INDIVIDUAL MUST COMPREHEND THE DESIGN OF THE BUSINESS ANALYSIS SCHEME AND ITS DEALINGS WITH OTHER SYSTEMS

Source - Another student's paper

To deliberate the complete system, an individual must comprehend the design of the business analysis scheme and its interactions with other systems

Suspected Entry: **100% match**

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THE SAFETY OF EVERY SCHEME LINKED COULD IMPACT THE SAFETY OF THE BUSINESS ANALYTICS

Source - Another student's paper

The safety of every scheme linked could impact the safety of the business analytics

Suspected Entry: **100% match**

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EQUALLY, THE SAFETY OF THE BUSINESS ANALYTICS COULD AFFECT THE SAFETY STANCE OF EVERY SCHEME IT LINKS

Source - Another student's paper

Equally, the safety of the business analytics could affect the safety stance of every scheme it links

Suspected Entry: **100% match**

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AN INDIVIDUAL MUST PERCEIVE THE COMMUNICATIONS AS A WHOLE TO EVALUATE THE SAFETY OF ALL ITS PORTIONS

Source - Another student's paper

An individual must perceive the communications as a whole to evaluate the safety of all its portions

Suspected Entry: **71% match**

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A CRUCIAL CHALLENGE REGARDING BUSINESS ANALYTIC SYSTEMS IS THAT THEY HAVE TREMENDOUS RIGHTS TO ALL BACKEND

Source - Another student's paper

Business analysis systems have tremendous rights to all backend databases of an enterprise

**DATABASES OF AN ENTERPRISE
ARCHITECTURE**

Suspected Entry: **100% match**

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**BY HAVING THESE GREAT PRIVILEGES, THE
BUSINESS ANALYSIS SYSTEM IS DELIBERATED
AS A REPOSITORY FOR THE DELICATE
INFORMATION IT GENERATES AND FOR THE
ACCESS PRIVILEGES**

Source - Another student's paper

By having these great privileges, the business analysis system is deliberated as a repository for the delicate information it generates and for the access privileges

Suspected Entry: **96% match**

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**IF NOT SAFEGUARDED APPROPRIATELY,
BUSINESS ANALYTICS PRIVILEGES COULD PUT
EVERY SCHEME FROM WHICH IT COLLECTS
INFORMATION IN JEOPARDY OF AN ATTACK**

Source - Another student's paper

If not safeguarded appropriately, business analytics could put every scheme from which it collects information in jeopardy of an attack

Suspected Entry: **100% match**

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INTEZARI, A., & GRESSEL, S

Source - Another student's paper

Intezari, A., & Gressel, S

Suspected Entry: **100% match**

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**INFORMATION AND REFORMATION IN KM
SYSTEMS**

Source - Another student's paper

Information and reformation in KM systems

Suspected Entry: **100% match**

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BIG DATA AND STRATEGIC DECISION-MAKING

Source - Another student's paper

big data and strategic decision-making

Suspected Entry: **100% match**

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JOURNAL OF KNOWLEDGE MANAGEMENT

Source - Another student's paper
Journal of Knowledge Management

Suspected Entry: **90% match**

Uploaded - Individual Assignment 4.docx
SUMMER 2021 - SECURITY ARCHITECTURE & DESIGN (ISOL-536-B04) DATE:07/23/2021

Source - Another student's paper
Summer 2021 - Security Architecture & Design (ISOL-536-B04) Date:07/16/2021

Suspected Entry: **63% match**

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SHANKS, G., GLOET, M., SOMEH, I

Source - <https://business.uq.edu.au/profile/1469/ida-asadi-someh>
10.1177/0268396218816210 Shanks G., Gloet M., Asadi Someh I., Frampton K

Suspected Entry: **100% match**

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ACHIEVING BENEFITS WITH ENTERPRISE ARCHITECTURE

Source - <https://business.uq.edu.au/profile/1469/ida-asadi-someh>
Achieving benefits with enterprise architecture

Suspected Entry: **100% match**

Uploaded - Individual Assignment 4.docx
THE JOURNAL OF STRATEGIC INFORMATION SYSTEMS, 27(2), 139-156

Source - <https://business.uq.edu.au/profile/1469/ida-asadi-someh>
Journal of Strategic Information Systems, 27 (2), 139-156