

Case Study 2

Jarmin Kanubhai Patel

on Thu, Mar 17 2022, 9:07 AM

98% highest match

Submission ID: efd41d9a-7acf-4cd9-a72e-8789912d9ab5

Attachments (1)

Week-3-CASE_STUDY_2_-Patel-J-Spring-2022.docx 98%

Word Count: 658

Attachment ID: 5331182042

Week-3-CASE_STUDY_2_-Patel-J-Spring-2022.docx

Running Head: 1 A DAY IN THE LIFE 1

A DAY IN THE LIFE 1

2 WEEK 3 CASE STUDY 2

3 ADVANTAGE ENERGY TECHNOLOGY DATA CENTER MIGRATION - PART A

1 SUBMITTED BY JARMIN PATEL

SUBMITTED TO DR. K Holland

1 FOR BADM-637-B01- STRATEGIC APPLING IN PROJECT MANAGEMENT (SPRING 2022)

4 UNIVERSITY OF THE CUMBERLANDS

03/17/2022

Question 1: 5 GENERATE A PRIORITY MATRIX FOR AET'S SYSTEM MOVE.

3 TIME PERFORMANCE COST

Constrain X

Enhance

X

Accept

X

Upon using this case, the following announcements should be made before assigning this case:

- 6 EVEN THOUGH ORDERING VENTILATION SYSTEM, NEW RACKS, AND POWER CABLES SHOULD TAKE ONLY ONE DAY THE ACTUAL WORK WITH THE REMAINING DURATION

BEING THE TIME FOR THE VENDOR TO FILL AND SHIP THE ORDER, FOR SIMPLICITY IT IS RECOMMENDED THAT THESE TASKS BE ASSIGNED THE FULL DURATION.

1. **6 ALTHOUGH THE RAISED FLOOR IS LIKELY TO BE COMPLETED SOMETIME AFTER THE START OF THE RENOVATION OF THE DATA CENTER, IT SHOULD BE ASSUMED THAT CITY INSPECTION CANNOT OCCUR UNTIL THE RENOVATION IS COMPLETED.**

Question 2: **5 DEVELOP A WBS FOR BRIAN'S PROJECT. INCLUDE DURATION (DAYS) AND PREDECESSORS.**

7 TASK NAME DURATION START FINISH PREDECESSORS

AET DATA CENTER MIGRATION 65 DAYS MON 3/6/10 TUE 5/9/17

TEAM MEETING 1 DAY MON 3/6/10 MON 3/6/17

HIRE CONTRACTORS 7 DAYS TUE 3/7/10 MON 3/13/17 2,

8 NETWORK DESIGN 14 DAYS TUE 3/7/10 MON 3/20/17 2,

7 VENTILATION SYSTEM 28 DAYS TUE 3/7/10 MON 4/3/10

9 ORDER VENTILATION SYSTEM 21 DAYS TUE 3/7/10 MON 3/27/10 2,

INSTALL VENTILATION SYSTEM 7 DAYS TUE 3/28/10 MON 4/3/10 6,

NEW RACKS 35 DAYS TUE 3/7/10 MON 4/10/10

10 ORDER NEW RACKS 14 DAYS TUE 3/7/10 MON 3/20/10 2,

8 INSTALL RACKS 21 DAYS TUE 3/21/10 MON 4/10/10 9,

9 POWER SUPPLIES AND CABLES 44 DAYS TUE 3/7/10 WED 4/19/10

ORDER POWER SUPPLIES 7 DAYS TUE 3/7/10 WED 4/19/10 2,

8 INSTALL POWER SUPPLIES 5 DAYS THU 4/13/10 MON 3/13/10 16,12

7 INSTALL POWER CABLES 7 DAYS THU 4/13/10 WED 4/19/10 16,2

RENOVATION OF DATA CENTER 20 DAYS TUE 3/21/10 SUN 4/9/10 3,4

City inspection 2 days Tue. 4/11/10 Wed 4/19/10 3,7,10

7 SWITCHOVER MEETINGS 7 DAYS THU 4/20/10 WED 4/26/10

FACILITIES 7 DAYS THU 4/20/10 WED 4/26/10 14,

OPERATIONS/SYSTEMS 7 DAYS THU 4/20/10 WED 4/26/10 14,

TELECOMMUNICATIONS 7 DAYS THU 4/20/10 WED 4/26/10 14,

CUSTOMER SERVICE 7 DAYS THU 4/20/10 WED 4/26/10 14,

POWER CHECK 1 DAY THU 4/20/10 THU 4/20/10 14,13,15

INSTALL TEST SERVERS 7 DAYS THU 4/27/17 WED 5/3/10 23,18,19,20,21,22

MANAGEMENT SAFETY CHECK 2 DAYS THU 5/4/10 FRI 5/5/10 23,7,24

PRIMARY SYSTEMS CHECK 1 DAY SAT 5/6/10 SAT 5/6/10 25,

⁸ SET DATE FOR MOVE 1 DAY SUN 5/7/10 SUN 5/7/10 26,

⁹ COMPLETE MOVE 2 DAYS MON 5/8/10 TUE 5/9/10 27,

Question 3: **⁵ USING A PROJECT PLANNING TOOL, GENERATE A NETWORK DIAGRAM FOR THIS PROJECT.**

Reference.

Akiyama, S., Hirofuchi, T., & Honiden, S. (2020). Evaluating impact of live migration on data center energy saving. **¹¹ 2014 IEEE 6TH INTERNATIONAL CONFERENCE ON CLOUD COMPUTING TECHNOLOGY AND SCIENCE.**

Bing Wei, Chuang Lin, & Xiangzhen Kong. (2021). Energy optimized modeling for live migration in virtual data center. **¹² PROCEEDINGS OF 2021 INTERNATIONAL CONFERENCE ON COMPUTER SCIENCE AND NETWORK TECHNOLOGY.** **¹³ [HTTPS://DOI.ORG/10.1109/ICCSNT.2011.6182436](https://doi.org/10.1109/ICCSNT.2011.6182436)**

Gray, C. F., & Larson, E. W. (2021). Project Management: **¹⁴ THE MANAGERIAL PROCESS.** **⁶ MCGRAW-HILL EDUCATION.**

Citations (14/14)

¹ Another student's paper

² Another student's paper

³ Another student's paper

⁴ Another student's paper

⁵ <https://www.transtutors.com/questions/advantage-energy-technology-data-center-migration-part-a-brian-smith-network-adminis-6301525.htm>

⁶ Another student's paper

⁷ Another student's paper

⁸ Another student's paper

⁹ Another student's paper

¹⁰ Another student's paper

¹¹ Another student's paper

¹² ProQuest Document

¹³ Another student's paper

¹⁴ Another student's paper

Matched Text

Suspected Entry: **85% match**

Uploaded - Week-3-CASE_STUDY_2_-Patel-J-Spring-2022.docx
A DAY IN THE LIFE 1

Source - Another student's paper
A Day in the Life Answer 1

Suspected Entry: **85% match**

Uploaded - Week-3-CASE_STUDY_2_-Patel-J-Spring-2022.docx
A DAY IN THE LIFE 1

Source - Another student's paper
A Day in the Life Answer 1

Suspected Entry: **100% match**

Uploaded - Week-3-CASE_STUDY_2_-Patel-J-Spring-2022.docx
SUBMITTED BY JARMIN PATEL

Source - Another student's paper
Submitted by Jarmin Patel

Suspected Entry: **100% match**

Uploaded - Week-3-CASE_STUDY_2_-Patel-J-Spring-2022.docx
SUBMITTED TO DR

Source - Another student's paper
Submitted to Dr

Suspected Entry: **100% match**

Uploaded - Week-3-CASE_STUDY_2_-Patel-J-Spring-2022.docx
**FOR BADM-637-B01- STRATEGIC APPLING IN PROJECT
MANAGEMENT (SPRING 2022)**

Source - Another student's paper
For BADM-637-B01- Strategic Appling in Project Management (Spring
2022)

Suspected Entry: **88% match**

Uploaded - Week-3-CASE_STUDY_2_-Patel-J-Spring-2022.docx
WEEK 3 CASE STUDY 2

Source - Another student's paper
Case study 2 3

Suspected Entry: **100% match**

Uploaded - Week-3-CASE_STUDY_2_-Patel-J-Spring-2022.docx
**ADVANTAGE ENERGY TECHNOLOGY DATA CENTER MIGRATION -
PART A**

Source - Another student's paper
Advantage Energy Technology Data Center Migration - Part A

Suspected Entry: **100% match**

Uploaded - Week-3-CASE_STUDY_2_-Patel-J-Spring-2022.docx
TIME PERFORMANCE COST

Source - Another student's paper
Time Performance Cost

Suspected Entry: **100% match**

Uploaded - Week-3-CASE_STUDY_2_-Patel-J-Spring-2022.docx
UNIVERSITY OF THE CUMBERLANDS

Source - Another student's paper
University of Cumberlands

Suspected Entry: **100% match**

Uploaded - Week-3-CASE_STUDY_2_-Patel-J-Spring-2022.docx
GENERATE A PRIORITY MATRIX FOR AET'S SYSTEM MOVE

Source - <https://www.transtutors.com/questions/advantage-energy-technology-data-center-migration-part-a-brian-smith-network-adminis-6301525.htm>
Generate a priority matrix for AET's system move

Suspected Entry: **100% match**

Uploaded - Week-3-CASE_STUDY_2_-Patel-J-Spring-2022.docx
DEVELOP A WBS FOR BRIAN'S PROJECT

Source - <https://www.transtutors.com/questions/advantage-energy-technology-data-center-migration-part-a-brian-smith-network-adminis-6301525.htm>

Develop a WBS for Brian's project

Suspected Entry: **100% match**

Uploaded - Week-3-CASE_STUDY_2_-Patel-J-Spring-2022.docx
INCLUDE DURATION (DAYS) AND PREDECESSORS

Source - <https://www.transtutors.com/questions/advantage-energy-technology-data-center-migration-part-a-brian-smith-network-adminis-6301525.htm>

Include duration (days) and predecessors

Suspected Entry: **100% match**

Uploaded - Week-3-CASE_STUDY_2_-Patel-J-Spring-2022.docx
USING A PROJECT PLANNING TOOL, GENERATE A NETWORK DIAGRAM FOR THIS PROJECT

Source - <https://www.transtutors.com/questions/advantage-energy-technology-data-center-migration-part-a-brian-smith-network-adminis-6301525.htm>

Using a project planning tool, generate a network diagram for this project

Suspected Entry: **87% match**

Uploaded - Week-3-CASE_STUDY_2_-Patel-J-Spring-2022.docx
EVEN THOUGH ORDERING VENTILATION SYSTEM, NEW RACKS, AND POWER CABLES SHOULD TAKE ONLY ONE DAY THE ACTUAL WORK WITH THE REMAINING DURATION BEING THE TIME FOR THE VENDOR TO FILL AND SHIP THE ORDER, FOR SIMPLICITY IT IS RECOMMENDED THAT THESE TASKS BE ASSIGNED THE FULL DURATION

Source - Another student's paper

Even though ordering Ventilation System, New Racks, and Power Supplies/Cables should probably only take one day of actual work with the remaining duration being the time necessary for the vendor to fill and ship the order, assign these tasks the full duration for simplicity sake

Suspected Entry: **84% match**

Uploaded - Week-3-CASE_STUDY_2_-Patel-J-Spring-2022.docx
ALTHOUGH THE RAISED FLOOR IS LIKELY TO BE COMPLETED SOMETIME AFTER THE START OF THE RENOVATION OF THE DATA CENTER, IT SHOULD BE ASSUMED THAT CITY INSPECTION CANNOT OCCUR UNTIL THE RENOVATION IS COMPLETED

Source - Another student's paper

Similarly, the raised floor is likely to be completed sometime after the start of the Renovation of the Data Center, students should still assume that City Inspection cannot occur until the Renovation is entirely completed

Suspected Entry: **100% match**

Uploaded - Week-3-CASE_STUDY_2_-Patel-J-Spring-2022.docx
MCGRAW-HILL EDUCATION

Source - Another student's paper

McGraw-Hill Education

Suspected Entry: **100% match**

Uploaded - Week-3-CASE_STUDY_2_-Patel-J-Spring-2022.docx
TASK NAME DURATION START FINISH PREDECESSORS

Source - Another student's paper

Task Name Duration Start Finish Predecessors

Suspected Entry: **89% match**

Uploaded - Week-3-CASE_STUDY_2_-Patel-J-Spring-2022.docx
AET DATA CENTER MIGRATION 65 DAYS MON 3/6/10 TUE 5/9/17

Source - Another student's paper

1 AET DATA CENTER MIGRATION 65 days Mon 3/6/17 Tue 5/9/17

Suspected Entry: **83% match**

Uploaded - Week-3-CASE_STUDY_2_-Patel-J-Spring-2022.docx

Source - Another student's paper

TEAM MEETING 1 DAY MON 3/6/10 MON 3/6/17

1.1 Team Meeting 1 day Mon 3/6/17 Mon 3/6/17

Suspected Entry: **85% match**

Uploaded - Week-3-CASE_STUDY_2_-Patel-J-Spring-2022.docx
HIRE CONTRACTORS 7 DAYS TUE 3/7/10 MON 3/13/17 2,

Source - Another student's paper
1.2 Hire Contractors 7 days Tue 3/7/17 Mon 3/13/17 2

Suspected Entry: **76% match**

Uploaded - Week-3-CASE_STUDY_2_-Patel-J-Spring-2022.docx
VENTILATION SYSTEM 28 DAYS TUE 3/7/10 MON 4/3/10

Source - Another student's paper
1.4 Ventilation System 28 days Tue 3/7/17 Mon 4/3/17

Suspected Entry: **71% match**

Uploaded - Week-3-CASE_STUDY_2_-Patel-J-Spring-2022.docx
INSTALL POWER CABLES 7 DAYS THU 4/13/10 WED 4/19/10 16,2

Source - Another student's paper
1.6.3 Install Cables 7 days Thu 4/13/17 Wed 4/19/17 16/12

Suspected Entry: **81% match**

Uploaded - Week-3-CASE_STUDY_2_-Patel-J-Spring-2022.docx
RENOVATION OF DATA CENTER 20 DAYS TUE 3/21/10 SUN 4/9/10 3,4

Source - Another student's paper
1.7 Renovation of Data Center 20 days Tue 3/21/17 Sun 4/9/17 3,4

Suspected Entry: **77% match**

Uploaded - Week-3-CASE_STUDY_2_-Patel-J-Spring-2022.docx
SWITCHOVER MEETINGS 7 DAYS THU 4/20/10 WED 4/26/10

Source - Another student's paper
1.9 Switchover Meetings 7 days Thu 4/20/17 Wed 4/26/17

Suspected Entry: **74% match**

Uploaded - Week-3-CASE_STUDY_2_-Patel-J-Spring-2022.docx
FACILITIES 7 DAYS THU 4/20/10 WED 4/26/10 14,

Source - Another student's paper
1.9.1 Facilities 7 days Thu 4/20/17 Wed 4/26/17 14

Suspected Entry: **75% match**

Uploaded - Week-3-CASE_STUDY_2_-Patel-J-Spring-2022.docx
OPERATIONS/SYSTEMS 7 DAYS THU 4/20/10 WED 4/26/10 14,

Source - Another student's paper
1.9.2 Operations/Systems 7 days Thu 4/20/17 Wed 4/26/17 14

Suspected Entry: **72% match**

Uploaded - Week-3-CASE_STUDY_2_-Patel-J-Spring-2022.docx
TELECOMMUNICATIONS 7 DAYS THU 4/20/10 WED 4/26/10 14,

Source - Another student's paper
1.9.3 Operations/Telecommunications 7 days Thu 4/20/17 Wed 4/26/17 14

Suspected Entry: **75% match**

Uploaded - Week-3-CASE_STUDY_2_-Patel-J-Spring-2022.docx
CUSTOMER SERVICE 7 DAYS THU 4/20/10 WED 4/26/10 14,

Source - Another student's paper
1.9.5 Customer Service 7 days Thu 4/20/17 Wed 4/26/17 14

Suspected Entry: **87% match**

Uploaded - Week-3-CASE_STUDY_2_-Patel-J-Spring-2022.docx
POWER CHECK 1 DAY THU 4/20/10 THU 4/20/10 14,13,15

Source - Another student's paper
1.10 Power Check 1 day Thu 4/20/17 Thu 4/20/17 14,13,15

Suspected Entry: **90% match**

Uploaded - Week-3-CASE_STUDY_2_-Patel-J-Spring-2022.docx
**INSTALL TEST SERVERS 7 DAYS THU 4/27/17 WED 5/3/10
23,18,19,20,21,22**

Source - Another student's paper
1.11 Install Test Servers 7 days Thu 4/27/17 Wed 5/3/17 23,18,19,20,21,22

Suspected Entry: **82% match**

Uploaded - Week-3-CASE_STUDY_2_-Patel-J-Spring-2022.docx
MANAGEMENT SAFETY CHECK 2 DAYS THU 5/4/10 FRI 5/5/10 23,7,24

Source - Another student's paper
1.12 Management Safety Check 2 days Thu 5/4/17 Fri 5/5/17 23,7,24

Suspected Entry: **79% match**

Uploaded - Week-3-CASE_STUDY_2_-Patel-J-Spring-2022.docx
PRIMARY SYSTEMS CHECK 1 DAY SAT 5/6/10 SAT 5/6/10 25,

Source - Another student's paper
1.13 Primary Systems Check 1 day Sat 5/6/17 Sat 5/6/17 25

Suspected Entry: **82% match**

Uploaded - Week-3-CASE_STUDY_2_-Patel-J-Spring-2022.docx
NETWORK DESIGN 14 DAYS TUE 3/7/10 MON 3/20/17 2,

Source - Another student's paper
4 1.3 Network Design 14 days Tue 3/7/17 Mon 3/20/17 2

Suspected Entry: **80% match**

Uploaded - Week-3-CASE_STUDY_2_-Patel-J-Spring-2022.docx
INSTALL RACKS 21 DAYS TUE 3/21/10 MON 4/10/10 9,

Source - Another student's paper
10 1.5.2 Install Racks 21 days Tue 3/21/17 Mon 4/10/17 9

Suspected Entry: **71% match**

Uploaded - Week-3-CASE_STUDY_2_-Patel-J-Spring-2022.docx
INSTALL POWER SUPPLIES 5 DAYS THU 4/13/10 MON 3/13/10 16,12

Source - Another student's paper
13 1.6.2 Install Power Supplies 5 days Thu 4/13/17 Mon 4/17/17 16,12

Suspected Entry: **76% match**

Uploaded - Week-3-CASE_STUDY_2_-Patel-J-Spring-2022.docx
SET DATE FOR MOVE 1 DAY SUN 5/7/10 SUN 5/7/10 26,

Source - Another student's paper
27 1.14 Set Date for Move 1 day Sun 5/7/17 Sun 5/7/17 26

Suspected Entry: **77% match**

Uploaded - Week-3-CASE_STUDY_2_-Patel-J-Spring-2022.docx
ORDER VENTILATION SYSTEM 21 DAYS TUE 3/7/10 MON 3/27/10 2,

Source - Another student's paper
1.4.1 Order Ventilation system 21 days Tue 3/7/17 Mon 3/27/17 2

Suspected Entry: **77% match**

Uploaded - Week-3-CASE_STUDY_2_-Patel-J-Spring-2022.docx
INSTALL VENTILATION SYSTEM 7 DAYS TUE 3/28/10 MON 4/3/10 6,

Source - Another student's paper
1.4.2 Install ventilation system 7 days Tue 3/28/17 Mon 4/3/17 6

Suspected Entry: **76% match**

Uploaded - Week-3-CASE_STUDY_2_-Patel-J-Spring-2022.docx
NEW RACKS 35 DAYS TUE 3/7/10 MON 4/10/10

Source - Another student's paper
1.5 New Racks 35 days Tue 3/7/17 Mon 4/10/17

Suspected Entry: **78% match**

Uploaded - Week-3-CASE_STUDY_2_-Patel-J-Spring-2022.docx
POWER SUPPLIES AND CABLES 44 DAYS TUE 3/7/10 WED 4/19/10

Source - Another student's paper
1.6 Power supplies and Cables 44 days Tue 3/7/17 Wed 4/19/17

Suspected Entry: **63% match**

Uploaded - Week-3-CASE_STUDY_2_-Patel-J-Spring-2022.docx
ORDER POWER SUPPLIES 7 DAYS TUE 3/7/10 WED 4/19/10 2,

Source - Another student's paper
1.6 Power supplies and Cables 44 days Tue 3/7/17 Wed 4/19/17

Suspected Entry: **78% match**

Uploaded - Week-3-CASE_STUDY_2_-Patel-J-Spring-2022.docx
COMPLETE MOVE 2 DAYS MON 5/8/10 TUE 5/9/10 27,

Source - Another student's paper
1.15 Complete Move 2 days Mon 5/8/17 Tue 5/9/17 27

Suspected Entry: **77% match**

Uploaded - Week-3-CASE_STUDY_2_-Patel-J-Spring-2022.docx
ORDER NEW RACKS 14 DAYS TUE 3/7/10 MON 3/20/10 2,

Source - Another student's paper
order new racks 14 days Tue 3/2/20 Mon 3/15/20 2

Suspected Entry: **100% match**

Uploaded - Week-3-CASE_STUDY_2_-Patel-J-Spring-2022.docx
**2014 IEEE 6TH INTERNATIONAL CONFERENCE ON CLOUD
COMPUTING TECHNOLOGY AND SCIENCE**

Source - Another student's paper
2014 IEEE 6th International Conference on Cloud Computing Technology
and Science

Suspected Entry: **69% match**

Uploaded - Week-3-CASE_STUDY_2_-Patel-J-Spring-2022.docx
**PROCEEDINGS OF 2021 INTERNATIONAL CONFERENCE ON
COMPUTER SCIENCE AND NETWORK TECHNOLOGY**

Source - ProQuest Document
In International Conference on Computer Science and Information
Technology

Suspected Entry: **62% match**

Uploaded - Week-3-CASE_STUDY_2_-Patel-J-Spring-2022.docx
HTTPS://DOI.ORG/10.1109/ICCSNT.2011.6182436

Source - Another student's paper
<https://doi.org/10.1109/CloudCom.2014.115>

Suspected Entry: **100% match**

Uploaded - Week-3-CASE_STUDY_2_-Patel-J-Spring-2022.docx
THE MANAGERIAL PROCESS

Source - Another student's paper
The managerial process