

BINUS University

Academic Career: <i>Undergraduate / Master / Doctoral *)</i>		Class Program: <i>International/Regular/Smart Program/Global Class*)</i>	
<input type="checkbox"/> Mid Exam <input checked="" type="checkbox"/> Final Exam <input type="checkbox"/> Short Term Exam <input type="checkbox"/> Others Exam : _____		Term : Odd/Even/Short *)	
<input checked="" type="checkbox"/> Kemanggisan <input checked="" type="checkbox"/> Alam Sutera <input checked="" type="checkbox"/> Bekasi <input type="checkbox"/> Senayan <input type="checkbox"/> Bandung <input type="checkbox"/> Malang		Academic Year : 2021 / 2022	
Faculty / Dept. : School of Information Systems / Information Systems		Deadline	Day / Date : Thursday, February 10 th 2022 Time : 13.00
Code - Course : ISYS6186003 – Business Process Fundamental		Class : All	
Lecturer : Team		Exam Type : Online	
*) <i>Strikethrough the unnecessary items</i>			
<i>The penalty for CHEATING is DROP OUT!!!</i>			

Ketentuan umum:

General Rules:

1. Mohon untuk membaca instruksi soal dibawah ini sebaik mungkin.
Please read the exam instruction carefully
2. Mohon tidak melakukan copy-paste (plagiarism). Tindakan Plagiarism = Mencontek.
Please do not copy-paste (plagiarism). Plagiarism = Cheating
 Lihat poster dibawah ini:
Look at this poster below:



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Marisa Karsen (D4639) and sent to Department/Program on Jan 14, 2022

3. Mohon perhatikan deadline waktu penyerahan jawaban ujian sesuai dengan jadwal di binusmaya.
Please pay attention to the deadline of exam answer submission according to Binusmaya
4. Mohon mengerjakan ujian ini secara **INDIVIDU**, bukan berkelompok.
*Please do this exam **INDIVIDUALLY** not in GROUP*
5. Tidak ada dispensasi jika mengumpulkan jawaban melewati deadline (**TANGGAL dan WAKTU**) yang telah ditentukan di Binusmaya dengan alasan apapun. Mahasiswa diharapkan tidak mengumpulkan jawaban mendekati deadline
*There is no dispensation if you submit the answer over the deadline (**DATE and TIME**) specified in Binusmaya for any reason. Students are not expected to submit answers near the deadline.*
6. Setelah file jawaban di upload, mohon pastikan kembali dengan cara mendownload kembali jawabannya sesuai dengan matakuliahnya.
After the answer file is uploaded, please check it again by downloading the answer according to the course.
7. Setelah file jawaban diupload, mohon untuk melakukan **screenshot** layar hasil upload jawaban dan pastikan terdapat icon **waiting** ⌚
After the answer file has been uploaded, please take a screenshot of the uploaded answer screen and make sure there is a waiting icon ⌚

Instructions:

1. **Answer this exam questions by typing it in Microsoft Word. Write Your Student ID, Name, Class, Lecturer Name, and Course**
 2. **Use ANY APPLICATION to create the DFD**
 3. **DO NOT USE LINK FOR DIAGRAM SUBMISSION (you must extract the diagram in any format and compile in your exam answer sheet)**
 4. **After that, generate Ms. Word file into pdf file (not in ms word/link/zip/rar/other format), then upload to Binus University exam website.**
-
1. **Mohon soal ujian ini dijawab dengan cara diketik dalam Microsoft word. Tulis NIM, Nama, Kelas, Nama Dosen, dan Mata Kuliah**
 2. **Gunakan aplikasi apa saja untuk membuat DFD**
 3. **JANGAN MENGGUNAKAN LINK UNTUK SUBMIT DIAGRAM ANDA (Anda harus meng-extract diagram Anda dengan format apa saja dan menggabungkan ke dalam lembar jawaban Anda)**
 4. **Setelah itu, File Ms. Word dijadikan pdf (tidak dalam bentuk Microsoft Word/link/Zip/RAR/sejenisnya) dan diupload ke website exam Binus University.**

LO 1: Describe the model of business process

LO 2: Construct an integrated business process

LO 3: Illustrate the roles of Information Technology in Business Process and Organizational activities to achieve its goal

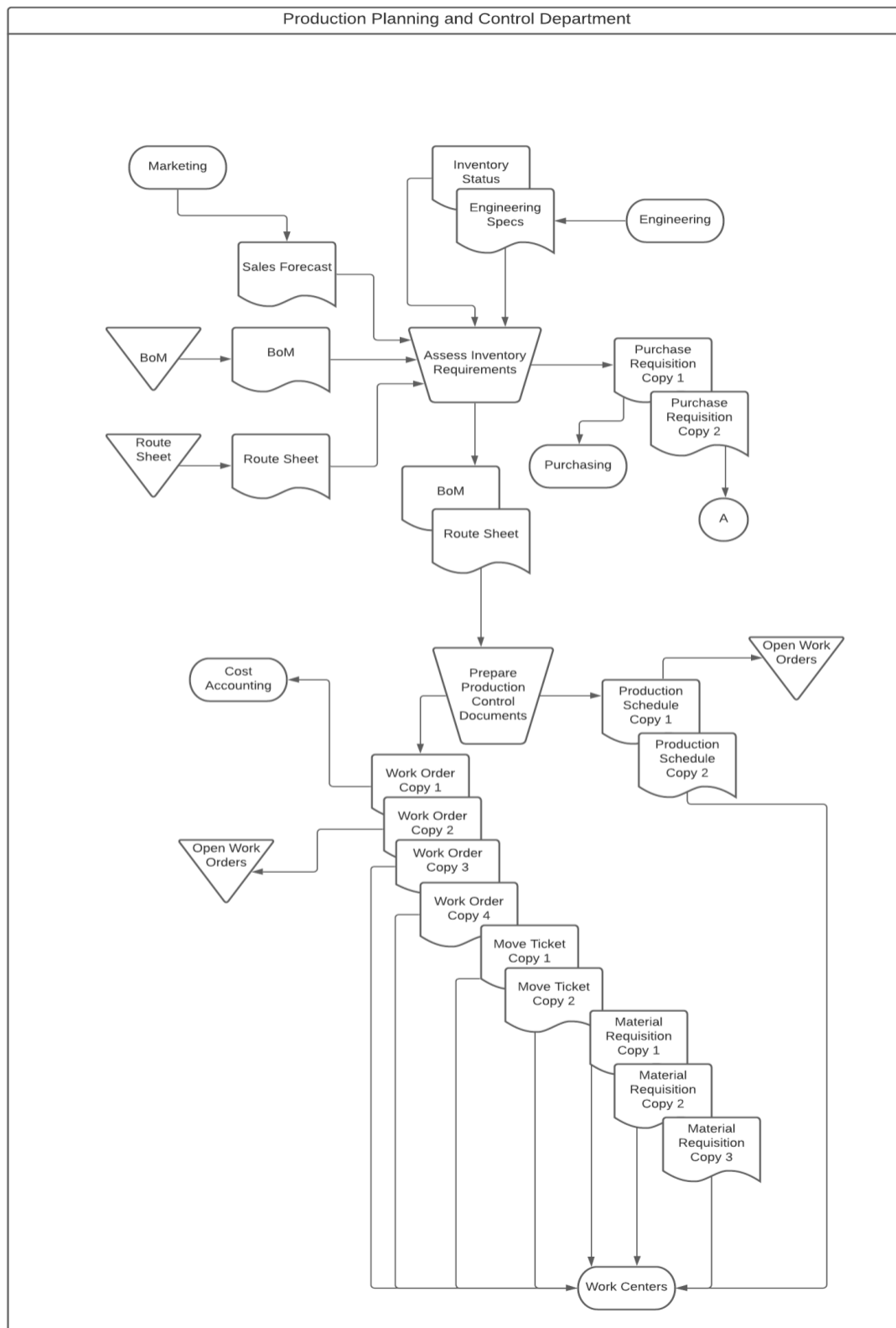
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Read the Below case carefully

Case 1: Production Planning and Control Process (30 %)

Examine below Production Planning and Control Process Flowchart.



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Questions:

1. Create a **Context Diagram** from the Production Planning and Control Process Flowchart! (LO1, LO2, LO3) (10 %)
2. **Design and document with Data Flow Diagram (DFD Rinci)** a computer-based manufacturing process that possesses the information flows of this manual Production Planning and Control Process! (LO1, LO2, LO3) (20%).

Case 2: Urban World (55%)

Urban World is a garment manufacturing company located in Indonesia. Urban World makes a variety of branded products sold worldwide. The garment manufacturing industry is primarily engaged in designing, cutting, and sewing garments from fabric. Most employees are paid on an hourly basis. Employees receive yearly reviews to evaluate performance and determine an appropriate pay increase. Urban World's payroll is processed by the corporate payroll department from input documents prepared by Urban World. The following HR and payroll procedures are related to the hourly payroll employees at Urban World:

1.0 Recruiting and Hiring Process

Department supervisors start to request for additional employees by filling out a three-part employee requisition form. After it is completed, the department supervisor signs it, files a copy by date and gives the remaining two copies to the production supervisor. The production supervisor reviews and signs the documents and gives them to the HR manager. The HR manager reviews the request with the division controller. They both sign the requisition. The pay rate for the job also is determined at that time and included in the requisition. If the requisition is approved, the HR manager initiates hiring procedures by placing advertisements in local papers and announcing the opening internally. The applicants send their resumes and CV to HR. The HR manager and the supervisor interview the selected applicants together. They then evaluate the applicants and make selection. The HR manager and the employee fill out the two-part wage and deduction form. The HR manager files a copy of the wage and deduction form and the personnel requisition by employee name. The remaining copies of each form are given to the division accountant.

2.0 Performance Evaluation Process

The HR manager selects and reviews the records from the personnel file for employees who are due for their annual review. The HR manager puts some basic employee information on a three-part review form and gives it to the appropriate supervisor for evaluation. The supervisor completes and signs the form, files a copy, and gives the remaining copies to the production supervisor, who reviews and signs the evaluation. The production supervisor returns it to the HR manager. The HR manager reviews it with the controller. They assign a new rate and sign the review form given to the division accountant.

3.0 Payroll Process

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The division accountant uses the new employee information and the employee review form to prepare payroll action notices. The accountant signs the payroll action notices and files them by date with the other related forms. Each week, a clerk in the corporate payroll department retrieves the payroll forms from the division accountant, checks the signature on all payroll action notices, and processes the payroll. The forms, checks, and reports are sent back to the division accountant. The division accountant refiles the forms and distributes the checks to employees.

Questions:

1. Create **a context diagram** for the Urban World HR and Payroll process (LO1, LO2, LO3) (10 %)
2. Create **level 0 DFD** for the Urban World HR and Payroll process (LO1, LO2, LO3) (20 %)
3. Create **level 1 DFD** for Recruiting and Hiring Process of the Urban World. (LO1, LO2, LO3) (15 %)
4. **Find and describe** payroll fraud (you may use the Internet, newspapers, or other news sources). How was the fraud committed? How was it detected? What was the control weakness that allowed the fraud to happen? (LO3) (10 %)

Note: put your reference (s) link

Case 3 : Crayola (15%)

Watch below video:

<https://www.youtube.com/watch?v=oV-fl4UurZI>

or you can access from this link : <https://bit.ly/bpfcrayola>

Questions:

1. **Illustrate or draw the end-to-end integrated Process (Session 23-24, Slide 5)** of Crayola based on the video and you may find other online resources (Article, journal, Youtube video) (LO3) (10 %).
2. **Create a 3 minutes video** to explain your answer (Number 7) (LO3) (5 %)
 - **Please wear decent clothing when shooting the video!**
 - **Share your video link (YouTube unlisted video or use Flipgrid) in your answer sheet!**

===== **Honesty is The Beginning of Your Future Success** =====

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