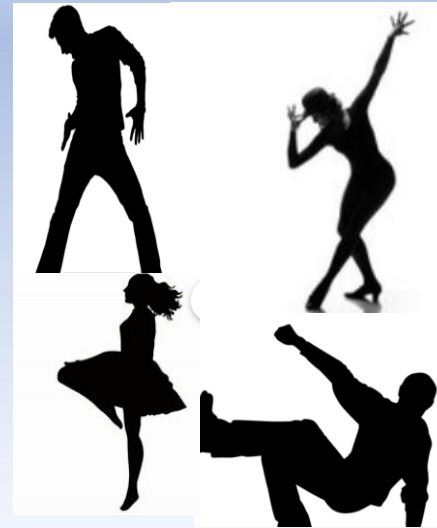


Same song, different dance - Alternative assessment



The Final Assessment- created during Covid.....to be continued....(is being continued)

This is an 8 minute story of how moodle quiz was used to provide a unique scenario (the song) for each students to answer the same questions (doing a different dance)

Marilla Keating, School of Science

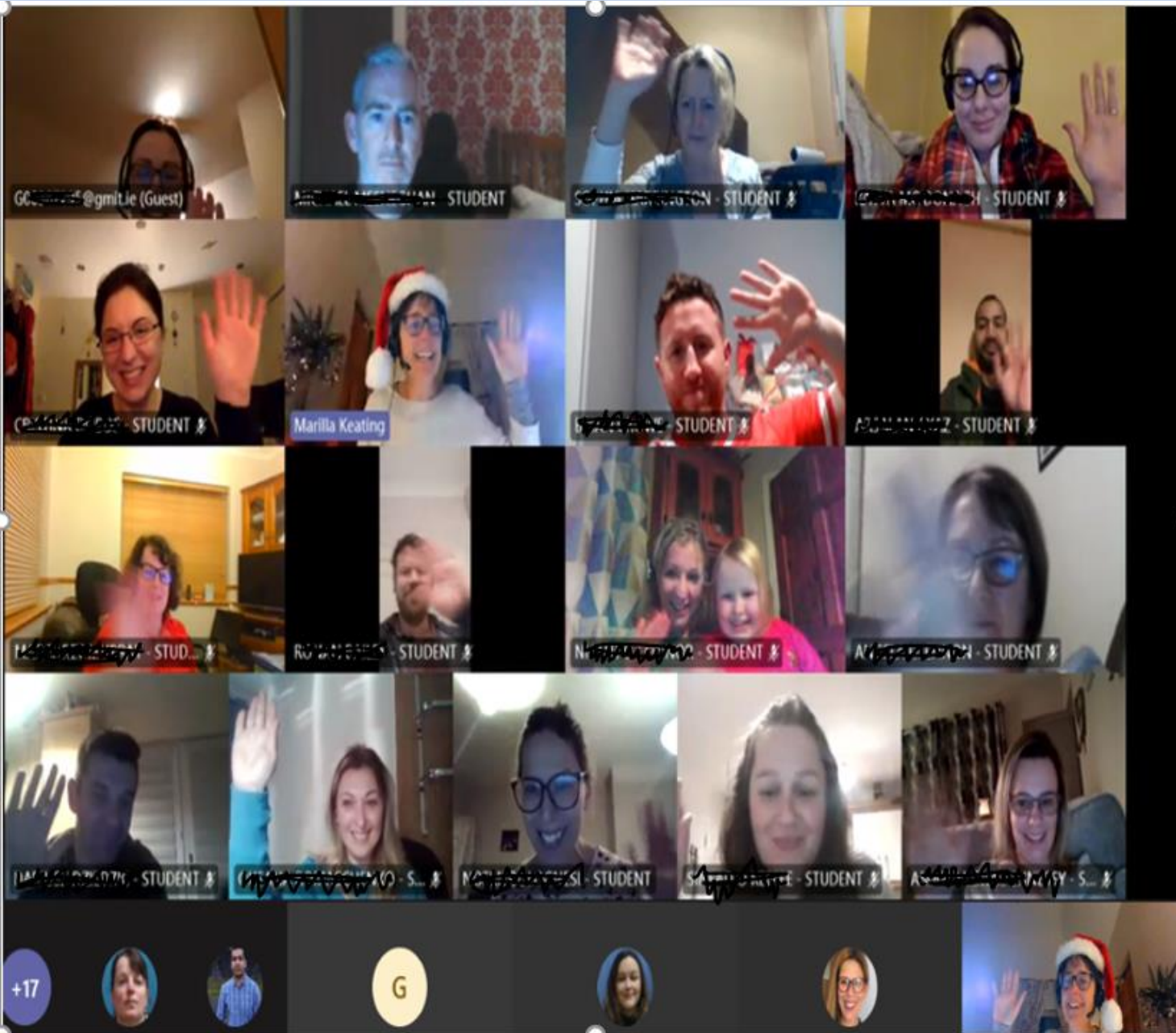
Lecturer in B Sc Quality for Industry Level 7 and Level 8

Quality Systems, Regulatory Affairs, Compliance Auditing, Production & Supervisory Management,

Lecturer in First Science- Learning and Innovation skills

Galway Mayo Institute of Technologyone day away from being.... Atlantic Technological University





- The who: 35 part time highly motivated working adult learners (evening students)
- The what: Final Assessment for module (worth 60%)
- Production and Supervisory Management, B Sc Quality for Industry
- The How: Moodle quiz: Pool of Scenarios (the dance), Same questions (the song)

This is how I approached it

1. Identify the scenarios and create the basics in a word document
Supervisor in a soft drinks factory / Garden Centre, McDonalds, Bakery

2. Bounce off programme board- numerous times
They were my super sounding board.....



3. Ensure clarity on expectations, clarity on technology.

- For me
- For the students



4. Test drive the technology

5. Track and support during assessment

Scenario-1: New start up soft drinks factory the line and the can line and demand is such that bottles and 100 cans an hour to keep up with next month. You are the new production supervisor yet.

Scenario-2: Garden centre. This garden centre hired as the new supervisor mainly to review improvements. There are 10 people working in never been a supervisor in this centre before.

Scenario-3: McDonalds in Westside Galway, was the new supervisor to run this efficient restaurant who work part time hours.

Scenario-4: New cake factory, just open for the made cakes for all occasions. You are hired to matters including buying, layout and shipping particularly busy time. There are 10 people in Christmas.

I had three main concerns

1. Will they understand what's expected, what they have to do

2. Will technology work?

3. Can I be sure its their work?



- Guidance Document and video showing location, how to study etc...
- Practice technology download and upload practice section- example
- Check in times on teams for logistical questions only
- Open for X hours (was 48 now reduced to 24 hours) –must be completed within 6 hours from download.
- They are responsible for access to technology/wifi – its open long enough!
- Option to type and/or handwrite and scan and upload
- I was available during assessment open period for logistical questions
- Pool of scenarios (so they all had to do the same questions but answers must be based on their unique scenario)
- Limited time from download
- Uploads though URKUND
- Must reference (notes, sources, provide links for verification)
- Clear on requirements for this to be an individual submission
- Submission statement-to ensure they agree to this

Getting students ready-the guidance document



P&SM Preparation Document....What is the P&SM 60% individual assessment about?

The focus is on the application of theory. The questions are very similar to previous exam paper type questions, but you must apply this theory to a scenario that will be issued to you when you download your assessment.

How to prepare for your assessment

You should review the lecture notes and recordings and links and have an understanding of the theory..

How can you prepare for your assessment: Review of the following will help you prepare

- ✓ The class notes and links....including the class recordings on the topics.
- ✓ Your notes from the TEAMs class tasks
- ✓ The past exam papers (available on the library website)

Logistics P&SM will be live from 12pm Saturday 12th Dec until 12pm Monday 14th Dec 2020. Once you download your assessment, you must upload your submission within 6 hours of download. Submissions received over 6 hours from download time may be subjected to penalties. **All submissions must be uploaded by 12pm Monday 14th Dec.**

Type of Assessment: This is an open book individual assessment. You will have access to the moodle site notes, recordings and links. Your submission must be made up of one document only and may be typed or handwritten or a combination of both.

Please note this is an individual submission. Under no circumstances may you connect with anyone including members of your class to discuss this assessment. All submissions to this individual assessment will require your verification that this is your own work and will be subjected to verification using systems as the GMIT URKUND software system. Any indication of collusion will result in withholding of grades and/or failure until the matter is resolved. All external sources must be acknowledged, and if using websites, links must be included in your submission for verification purposes.

How many questions and is there a choice: Yes....there is a choice.

You will be given a scenario as selected randomly from a bank of scenarios. Your answers must be in the context of your scenario. You must answer 4 out of 5 questions. Each question has equal marks.

Where is the final assessment located?

Moodle site under Final Assessment....

Special note: Once you download, you will have 6 hours to complete this assessment. All submissions must be uploaded by 12pm (midday Monday 14th Dec. It is up to you to ensure you have sufficient wifi to ensure that this assessment is completed on time.

What if you have questions: If you have queries in relation to the logistics, email me. Do not ask me specific questions in relation to how to answer the question.

I will check my email at 12:00pm, 6:00pm, 10:00pm during the assessment window. I will respond to your questions and I will post a generic response to the questions in our TEAMs general channel conversation box for all to view.



-Attached is a video outlining how you can prepare for this 60% Assessment
<https://web.microsoftstream.com/video/ac370840-8ebd-44a6-91a4-34184fb212b5>

1. Set up Question Bank

Question bank

Select a category: P&SM Final Assmt (4)

No tag filters applied

Filter by tags...

Show question text in the question list

[Search options](#)

Also show questions from subcategories

Also show old questions

Create a new question ...

Question	Actions	Created by	Last modified by
<input type="checkbox"/> Question name / ID number		First name / Surname / Date	First name / Surname / Date
<input type="checkbox"/> FA-GardenCentre	Edit	Marilla Keating 10 December 2020, 12:03 AM	Marilla Keating 12 December 2020, 12:33 AM
<input type="checkbox"/> FA-McDonalds	Edit	Marilla Keating 10 December 2020, 12:04 AM	Marilla Keating 12 December 2020, 12:35 AM
<input type="checkbox"/> FA-NewCakeFactory	Edit	Marilla Keating 10 December 2020, 12:05 AM	Marilla Keating 12 December 2020, 12:36 AM
<input type="checkbox"/> FA-SoftDrinks	Edit	Marilla Keating 10 December 2020, 12:02 AM	Marilla Keating 12 December 2020, 12:36 AM

With selected:

Question 1
Not yet answered
Marked out of 40.00

Student Instruction: Copy this entire section to a word document for reference.

Your scenario: Garden centre. This garden centre has been in operation for the last 20 years and you have been hired as the new supervisor mainly to review the layout, review efficiencies and make general operational improvements. There are 10 people working in this garden centre, all of them over 60 years of age and there has never been a supervisor in this centre before. Usually they just do what the owner asks.

Your instructions: You have been given the above scenario. Answer any 4 of the following 5 questions. All questions carry equal marks. This assessment makes up 60% of P&SM module. The focus of this assessment is on the application of theory. Your answers must have specific references to the scenario you have been given.

(Each question should have approximately 500 words or one page in length)

1. The business strategy for your company has been outlined to you by the general manager/owner of the scenario.
 - a. How has environment scanning been considered by this business to date?
 - b. Describe the level to which this business is currently embracing the following: vertical integration, technology, capacity and facilities. Do you have any recommendations on how this company might reconsider any of the above practices?
2. One of the first tasks you are asked to do is to review production forecasting, planning and scheduling.
 - a. Outline what type of forecasting methods could be employed by this company to accurately estimate demand.
 - b. What kind of aggregate/production plans would you recommend and why.
3. You have been asked to review the operational layout of your new company.
 - a. Describe which operational layout would be best suited for your new company. Your answer would include a sketch of your proposed new

Question 1
Not yet answered
Marked out of 40.00

Student Instruction: Copy this entire section to a word document for reference.

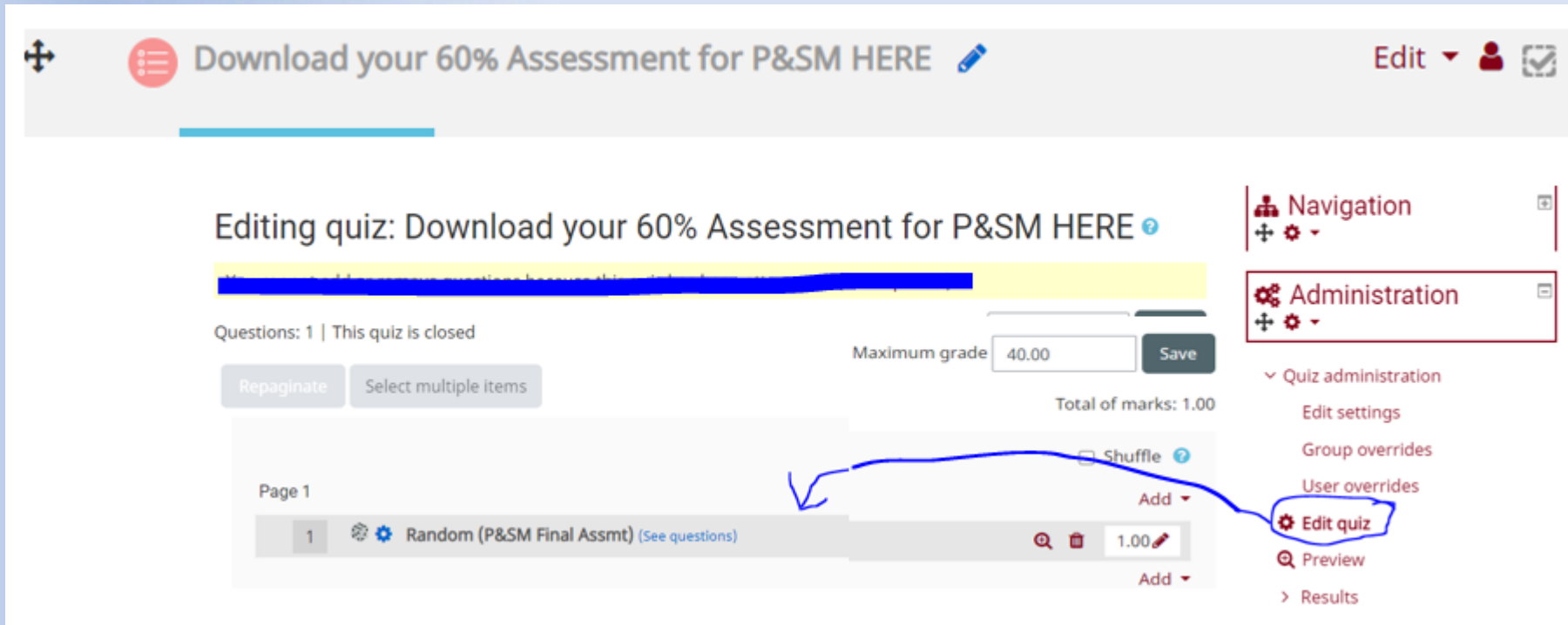
Your scenario: New start up soft drinks factory that will make carbonated soft drinks. There are two lines, the bottle line and the can line and demand is such that you will need set up your premises so that you can make 100 bottles and 100 cans an hour to keep up with demand. There are 30 people due to start work in this new facility next month. You are the new production supervisor just hired for the start date and have not met any of the staff yet.

Your Instruction: You have been given the above scenario. Answer any 4 of the following 5 questions. All questions carry equal marks. This assessment makes up 60% of P&SM module. The focus of this assessment is on the application of theory. Your answers must have specific references to the scenario you have been given.

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 - b. What kind of aggregate/production plans would you recommend and why.
3. You have been asked to review the operational layout of your new company.
 - a. Describe which operational layout would be best suited for your new company. Your answer would include a sketch of your proposed new layout and an explanation of your rationale for choosing this layout.
 - b. The position of the product on the product life cycle affects operational decisions including operational layout so how has this influenced

2. Set up the moodle quiz to pull ONE question from the Question bank



The screenshot shows the Moodle quiz editing interface for a quiz titled "Download your 60% Assessment for P&SM HERE". The interface includes a top navigation bar with a plus icon, a menu icon, the quiz title, a pencil icon, and an "Edit" button. Below the title, the text "Editing quiz: Download your 60% Assessment for P&SM HERE" is displayed. A yellow highlight is under the title, and a blue highlight is under the text "This quiz is closed". The "Questions: 1 | This quiz is closed" status is shown. There are buttons for "Repaginate" and "Select multiple items". The "Maximum grade" is set to 40.00, and the "Total of marks" is 1.00. A "Save" button is present. The "Shuffle" option is checked. The quiz is on "Page 1" and contains one question: "Random (P&SM Final Assmt) (See questions)". The question has a grade of 1.00. A blue arrow points from the "Edit quiz" option in the right-hand menu to the question entry. The right-hand menu includes "Navigation", "Administration", "Quiz administration" (with sub-options: "Edit settings", "Group overrides", "User overrides"), "Edit quiz", "Preview", and "Results".

The student view

 Download your 60% Assessment for P&SM HERE  Edit  

Download your 60% Assessment for P&SM HERE (copy)

This 60% individual open book assessment will be live from 12pm Saturday 12th Dec until 12pm Monday 14th Dec 2020. Once you open your assessment, copy it to your computer for reference. You must upload your submission within 6 hours of download. All submissions must be uploaded by 12pm Monday 14th December. Submissions received over 6 hours from download may be subjected to penalties. Your submission must be made up of one document only and may be typed or handwritten or a combination of both.

Please note this is an individual open book submission. You will have access to the Moodle site and all presentations, recordings. Under no circumstances may you connect with anyone including members of your class to discuss this assessment. All submissions to this individual assessment will require your verification that this is your own work and will be subjected to verification using systems as the GMIT URKUND software system. Any indication of collusion will result in withholding of grades and/or failure until the matter is resolved. All external sources must be acknowledged, and links provided for verification purposes.

Attempts allowed: 1

[Attempt quiz now](#)

Home Dashboard Events My Courses This course Hide blocks Full screen

Question 1
Not yet answered
Marked out of 40.00

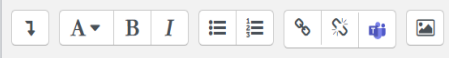
Student Instruction: Copy this entire section to a word document for reference.

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Your instructions: You have been given the above scenario. Answer any 4 of the following 5 questions. All questions carry equal marks. This assessment makes up 60% of P&SM module. The focus of this assessment is on the application of theory. Your answers must have specific references to the scenario you have been given.

(Each question should have approximately 500 words or one page in length)

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 - Outline what type of forecasting methods could be employed by this company to accurately estimate demand.
 - What kind of aggregate/production plans would you recommend and why.-----
- You have been asked to review the operational layout of your new company.
 - Describe which operational layout would be best suited for your new company. Your answer would include a sketch of your proposed new layout and an explanation of your rationale for choosing this layout.
 - The position of the product on the product life cycle affects operational decisions including operational layout so how has this influenced your choice.-----
- Your boss wants you to consider implementing a Just in Time (JIT) manufacturing system as soon as possible.
 - What are the benefits and limitations of having a JIT system for this business?
 - In the context of this business, describe five things that could be done to implement a JIT system.-----
- Outline three metrics that would be best suited to measure progress in this case study. Explain why you have selected these metrics and outline how and when you would use these metrics to track and improve performance.



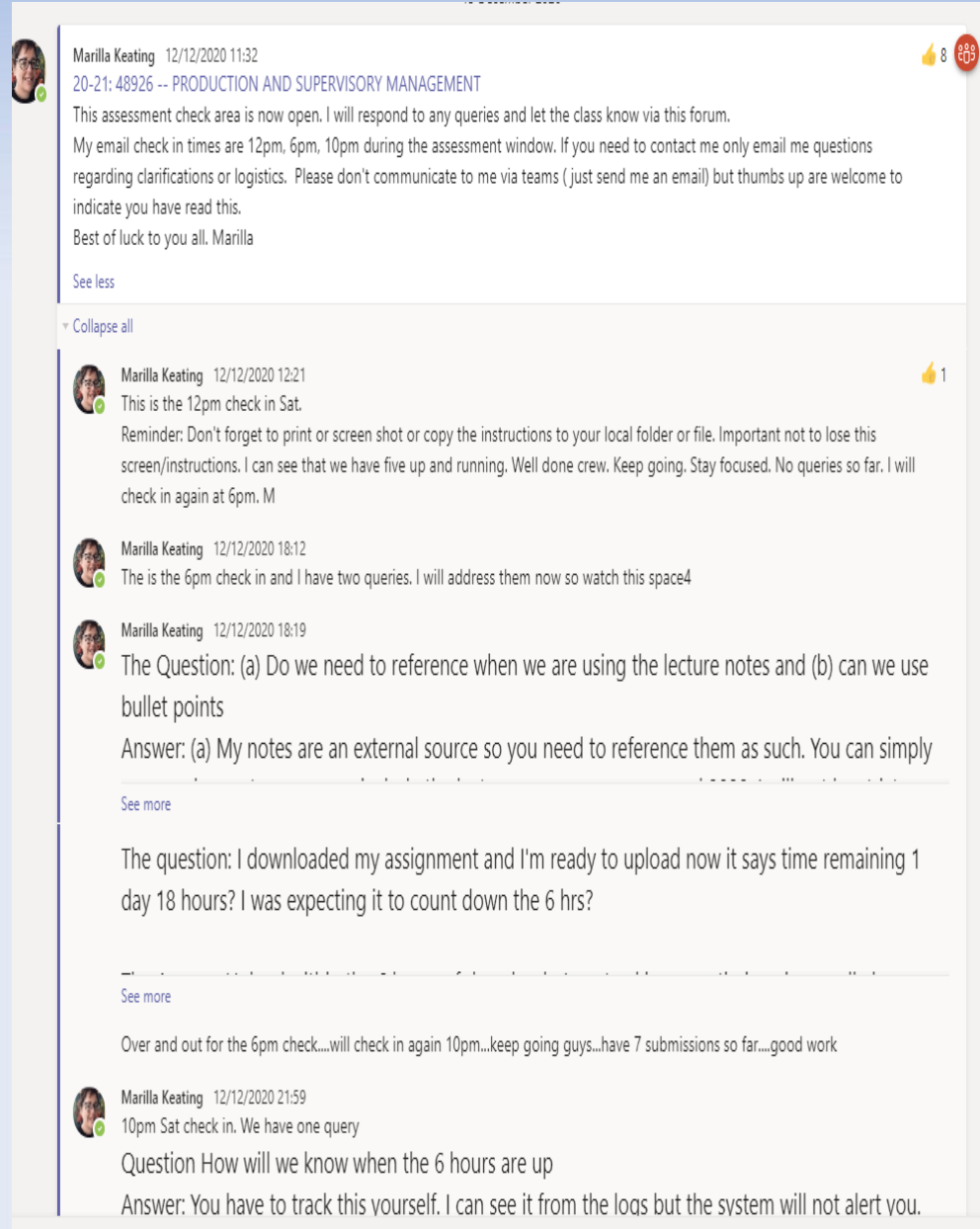
Your submission may be typed or handwritten. For any handwritten submissions ensure that your name on each page. References and associated links to external sources are required however these can be positioned at the end of each question or at the end of your submission.


Please note that all submissions to this individual assessment are subject your verification that this is your own work and you did not receive or give any unauthorised help on this assessment and all external sources are acknowledged.

[Finish attempt ...](#)

Support during the assessment

I will check my email at 12:00pm, 6:00pm, 10:00pm during the assessment window. I will respond to your questions and I will post a generic response to the questions in our TEAMS general channel conversation box for all to view.




Marilla Keating 12/12/2020 11:32 

20-21: 48926 -- PRODUCTION AND SUPERVISORY MANAGEMENT

This assessment check area is now open. I will respond to any queries and let the class know via this forum.
My email check in times are 12pm, 6pm, 10pm during the assessment window. If you need to contact me only email me questions regarding clarifications or logistics. Please don't communicate to me via teams (just send me an email) but thumbs up are welcome to indicate you have read this.
Best of luck to you all. Marilla

[See less](#)

▼ Collapse all

Marilla Keating 12/12/2020 12:21 

This is the 12pm check in Sat.
Reminder: Don't forget to print or screen shot or copy the instructions to your local folder or file. Important not to lose this screen/instructions. I can see that we have five up and running. Well done crew. Keep going. Stay focused. No queries so far. I will check in again at 6pm. M

Marilla Keating 12/12/2020 18:12

The is the 6pm check in and I have two queries. I will address them now so watch this space4

Marilla Keating 12/12/2020 18:19

The Question: (a) Do we need to reference when we are using the lecture notes and (b) can we use bullet points
Answer: (a) My notes are an external source so you need to reference them as such. You can simply

[See more](#)

The question: I downloaded my assignment and I'm ready to upload now it says time remaining 1 day 18 hours? I was expecting it to count down the 6 hrs?

[See more](#)

Over and out for the 6pm check....will check in again 10pm...keep going guys...have 7 submissions so far....good work

Marilla Keating 12/12/2020 21:59

10pm Sat check in. We have one query
Question How will we know when the 6 hours are up
Answer: You have to track this yourself. I can see it from the logs but the system will not alert you.

The upload- Is an assignment


  Upload your 60% submission HERE  Edit   

Upload your 60% submission HERE ~~(copy)~~

By posting your submission you are agreeing to the following

I confirm that I did not give or receive any unauthorised help on this assessment and that all work is my own. I have completed this assessment in a fair, honest, respectful, responsible, and trustworthy manner. I confirm that I have completed all work for this assessment on the allocated date(s) and in the allocated time given by the GMIT lecturer for this assessment. The writing contained in this submission is my own and I have correctly referenced and acknowledged all sources. I understand that GMIT reserves the right to follow-up on this submission for verification purposes. I understand and agree that plagiarism detection software may be used on my assessment as per the [GMIT Policy on Plagiarism](#), I understand that if I plagiarise, or if I assist others in doing so, that this will be subject to investigation.

Submission status

Attempt number	This is attempt 1.
Submission status	No attempt
Grading status	Not marked
Due date	Monday, 14 December 2020, 11:59 AM
Time remaining	Time remaining: 52 Days 11:59 AM
Last modified	-
Submission comments	 Comments (0)

Add submission

I would look at previous market trends for companies that produce carbonated soft drinks, what was their sales like, can we produce this many? Is there a gap in the market for us to produce this many?

I would also look at previous trends to what are the most popular flavours I would maybe than start are producing these first and then after our company has been established then we could take the risk in producing / introducing new drinks

I would also look at what age range is the most popular to buy ask these to complete a survey as to what they like do they prefer cans or bottles, is there certain times of the year others

Question 1 b) Murray's Garden Centre has adopted a forward integration system to date. Buying in trees, shrubs, plants, hand garden tools, garden furniture and garden maintenance products. This allows the garden centre to focus on the customer. To date Murray's garden centres use of technology is limited to Materials Requirements Planning, MRP 1 system, to monitor materials. The garden centre gives little consideration to the business capacity or the best utilisation of the facility. The company outsources payroll and accounts. I would implement an ERP system which would combine Materials Resource

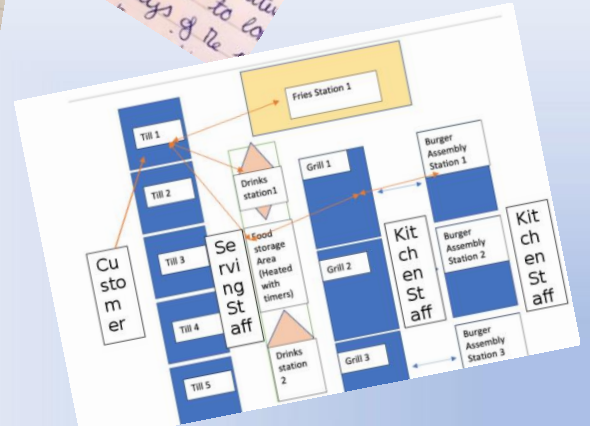
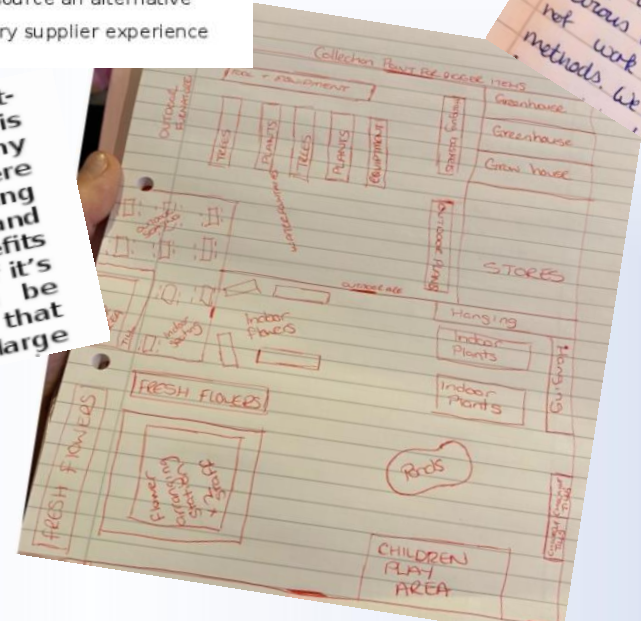
Question 4B: In the context of this business describe five things that could be done to implement a JIT system,

- Identify the suppliers of the raw materials that are most critical to the production e.g. suppliers of eggs, icing sugar, flour etc and work to develop close relationships with these vendors.
- Carry out comprehensive audits of the identified critical suppliers to determine if they have the capability and stability to support a JIT system.
- Develop contingency plans to mitigate issues caused by a breakdown in the supply chain of raw materials. For example, source an alternative supplier who can provide flour should your primary supplier experience production issues.

At the moment they are using a pull-lean system and make most stock to order. This can leave them short on certain stock and flowers at different times of year for example Christmas time when people want wreaths etc. By using a proper system and monitoring it regularly the company can...

Question 4a: There are both benefits and limitations to applying a Just-In-Time (JIT) system to a business such as McDonald's although in this instance the benefits outweigh the risks. JIT suits the business philosophy of high volumes of product is made to meet demand at a low cost using efficient facility layouts and forecasting, reducing food waste and optimizing fast production of high quality processes. JIT benefits McDonald's namely due to its use of vertical integration and control of its own supply chain. Raw materials are readily available and can be calculated based on trending of sales for that week, that month or that season. Larger orders for raw materials can be anticipated for large

Handwritten notes:
 New start up factory...
 2 lines - bottle line and can line
 need to make 100 bottles and 100 cans per
 30 people due to start next month
 PRISM
 which questions: 2, 3, 4 + 5
 2) what kind of forecasting methods are
 already decided that the demand is
 100 bottles per hour is required. What
 from?
 Since we are a new company we
 previous data to look at so quantities
 not work here. I would need to do
 methods. We can do surveys of the



Would I do it again?- YES and I am !

What worked well

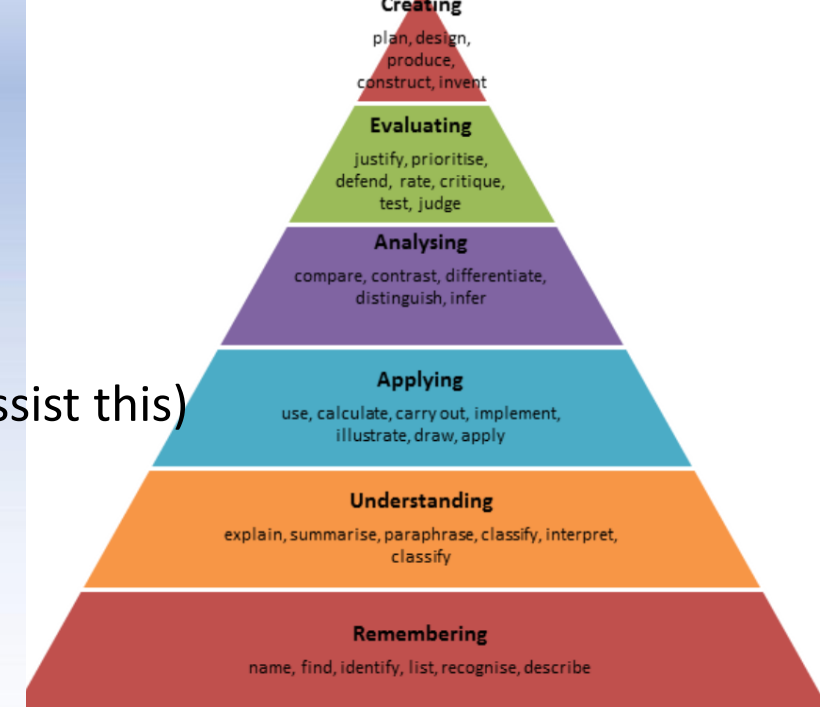
- ✓ Liked that students had to demonstrate understanding and apply theory
- ✓ The tracker was key...to keep an eye on them
- ✓ The get ready student guidance document definitely a good idea...
- ✓ Reiterate requirement for individual (submission statement, URKUND all assist this)
- ✓ Technology hiccups- I caught this by leaving this open for x hours)
- ✓ Teams check in- gave them assurance-felt supported.

What I need to think about some more

- Tracking was manual- as the 6 hour limit required me to check the activity (there might be an easier way!)
- Student Feedback- they like flexibility of download to suit schedule. Like this approach- Teaching during the module supports this approach. Still gathering, still learning.
- FYI. Review TEAMS tasks- as most modules are flipped....(final assessment questions are based on TEAMS tasks)

My learnings after round one....Next time round

- Like this approach- like that they apply theory to situations- suits these adult learners
- Include 'penalties may be applied for late submission'
- Include 'justify your approach' where possible (so they can explain why they are doing what they are doing)



So what's going on now

I am updating our module descriptor to do this for all my modules (we have programmatic review so good timing to update)

I am now doing this for more modules

✓ Regulatory affairs... Pool of devices- same questions-

Classify your device, what are the issues with your device, select a predicate to base your regulatory submission on (referencing important on this one as its all internet searches). Justify your approach.

✓ Compliance Auditing- Pool of process procedures- same questions

Write an auditing checklist based on your given process/procedure, what do you do when auditee is not carrying out task as per process procedure, what pieces of evidence would you want to view when auditing this process, write audit report based on 5 non conformities,



EDRED COMPANY LTD

TITLE: TRAINING PRO
DOC NO: SOP-003

1.0 PURPOSE
This Standard Procedure Company.

2.0 SCOPE
The scope of this procedure

3.0 RESPONSIBILITIES
The MedRed Company's procedure.

4.0 PROCEDURE
The essential competence (QF-004). The Top Management of each area is responsible for the development and maintenance of the job descriptions for their employees of their area.

Induction Training takes place with each employee using the QF- 002. All employees are informed of the relevance and importance of their activities during this training, and how they contribute to the achievement of the Quality Management System.

A Skills Matrix is maintained for all employees /Def LOG - 001) is developed by the to

TITLE: EQUIPMENT CONTROLS
DOC NO: SOP-006 REV. B PAGE 1 OF 1

1.0 PURPOSE
The purpose of this Operating Procedure is to ensure that all equipment controls are defined and governed under the MedCon Ltd's Quality Management System.

2.0 SCOPE
This operating procedure applies to all equipment that has a direct impact on product/service quality of MedCon Ltd. All such pieces of equipment is listed in the MedCon equipment list (LOG 005)

3.0 RESPONSIBILITIES
The MedCon Chief Engineer is responsible for this procedure. Users of equipment must adhere to the requirements of this procedure.

4.0 PROCEDURE
4.1 RECEIPT OF EQUIPMENT
All equipment is logged in the equipment control log, which gives each piece of equipment a unique identification number (LOG - 005 Equipment List). Upon receipt, all pieces of equipment are checked per purchasing requirements prior to approving payment. The following is noted for all pieces of equipment under this procedure: Safety and Manuals, calibration and maintenance and frequency, service agreement and all of these are documented in the Equipment List log LOG-005. All pieces of equipment are labelled according to their calibration status. Equipment that require calibration have MedCon Number as well as personnel who did the calibration and date of calibration.

4.2 VALIDATION OF EQUIPMENT
Some pieces of equipment are validated. For those needing validation refer to SOP-45- Validation.

