UNIVERSITI SULTAN ZAINAL ABIDIN

3 DIMENSIONS (3D) APPROACH TO ENHANCE TEACHING AND LEARNING

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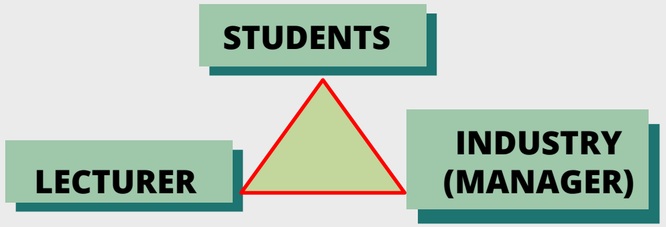
Improving teaching and learning via:
3 DIMENSIONS approach: Principles - Platform - Performance (3Ps)

SEARCH

What kind of improvements perform to enhance teaching/learning?

3 DIMENSIONS approach is applied to enhance students learning journey through its core PRINCIPLE of inclusiveness which involves lecturer-students-industry to participate in students learning process.



3 DIMENSIONS approach utilizes the existing cloud PLATFORM such as google drive to empower students learning experiences.

CLOUD- GOOGLE DRIVE

3 DIMENSIONS approach impacts students learning PERFORMANCE by emphasizing continuous improvement.

The continuous feedback from the *lecturer* and *industry* throughout the students' project timeline enables them to improve their work from time to time. (e.g. ICS-problem identification students' analysis and suggestions-clarification from the third party)

THIRD PARTY- INDUSTRY/MANAGER

USEFULNESS AND PRACTICALITY:
WHY 3 DIMENSIONS APPROACH IMPORTANT TO IMPROVE TEACHING AND LEARNING?

SEARCH

WHY 3D IS IMPORTANT?

Limitation in existing learning approach where students mostly engage solely with their lecturer.

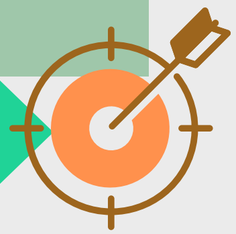
PRINCIPLES-COMPREHENSIVE

Limited involvement and feedback from third-party/industry people.

PERFORMANCE-FEEDBACK

Usually, students' assignments are assessed on the project reports.
Lack of consideration is given to students learning experience.

PERFORMANCE-FOCUS



Students usually prepare written reports and mostly do not include the process of completing the report.
There is lack of visualize content and evidence on how they go through the learning process.

PLATFORM-FEATURES

IMPACT OF 3D APPROACH ON TEACHING AND LEARNING

SEARCH

WHAT HAS BEEN DONE ?

eLD approach is implemented using google drive platform

PRINCIPLES- COMPREHENSIVENESS

Lecturer, students, and third party. Third-party is referring to the company's manager.

PLATFORM- FEATURES

Students use cloud platforms such as google drive to upload their work, such as rich pictures such as diagrams, meeting logs, pictures and flowcharts, notes, memos, excels, written feedback etc.

PERFORMANCE- FEEDBACK

The students could offer recommendations to the managers and at the same time, the managers provide feedback to students on whether their suggestions are relevant/suitable to be implemented or not from industry perspective.

PERFORMANCE- FOCUS

The focus of students' learning journey is documented in meeting logs, written memos, pictures etc (how they learn - what actions they perform?)

THE IMPACT OF 3D APPROACH ON TEACHING AND LEARNING

SEARCH

LEARNING BY DOING

IMPACT

PRINCIPLES:
COMPREHENSIVE

3D provides a dynamic environment for students to learn (theory vs reality) that consists of students, lecturers and industry people (comprehensive). 3D enables lecturer-students-industry to participate in students' learning activities.

PLATFORM:
ENHANCE DIGITAL SKILLS

In implementing the 3D approach, students are exposed to technology while doing the tasks (cloud platform). The impact of 3D is it enhances students' digital knowledge and skills.

PERFORMANCE:
ENGAGE IN FUN LEARNING

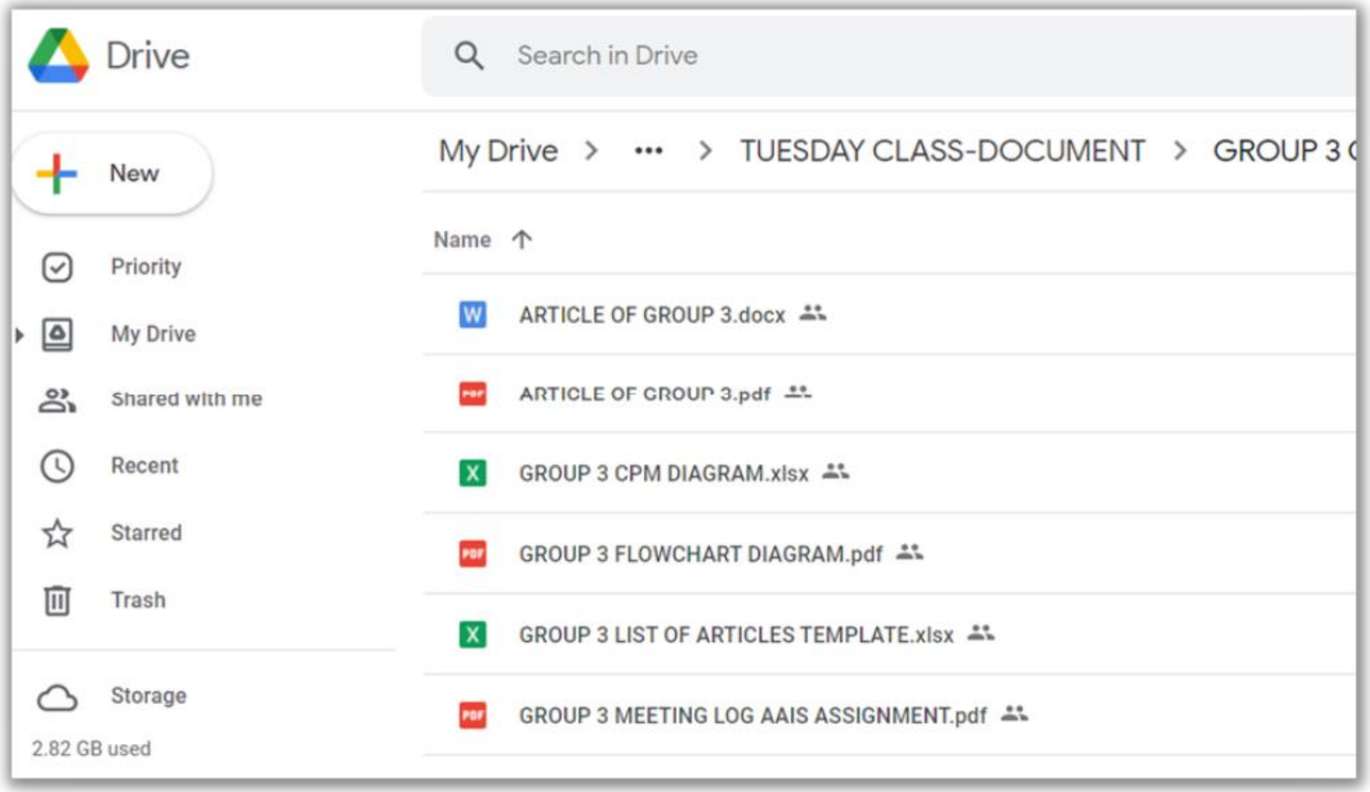
The 3D approach supports students learning by emphasizing learning experiences (learning by doing philosophy). The impact of 3D is it balances students learning process (creative thinking, and communication skills) which is documented through pictures, tables, videos, notes and memos.

Evidence-student tasks:

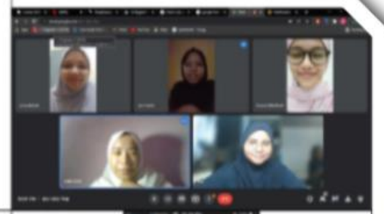
https://www.mentimeter.com/app

Evidence-student tasks:

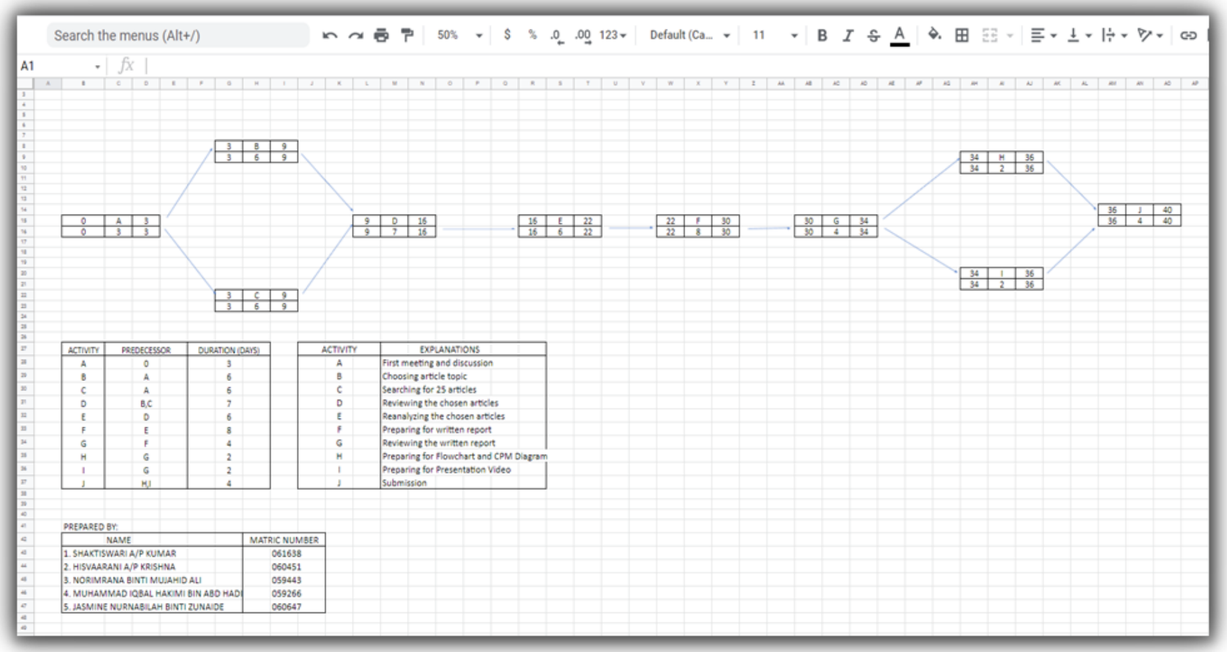
https://drive.google.com/drive/folders/1IVtCWDpvse_UgWtx9psf4IjQ9hQkyGBE?usp=sharing



1

Date	Detail Information	Topic	Decision	Evidence
16 Dec 2021	**List of Member Attend :** Nursolehah Ayu Juliana Hanis Athira Husna Madihah Nurul Hayati **Time :** 9.00 pm - 10.30 pm **Platform :** Google meet, Whatsapp	Discussion on topic assignment : 1) Internet of things 2) Artificial Intelligence (AI) Assessment to group members (Within 2 weeks) 1) All member must search for related article (Atleast 5) 2) All member must list down the analysis of the article 3) The article must be different from each other	Internet of Things (IoT) on Transportation	
29 Dec 2021	**List Member Attend :** Nursolehah Ayu Juliana Hanis Athira Husna Madihah Nurul Hayati **Time :** 10.00 pm - 10.30 pm **Platform :** Whatsapp	Discussion on the finding of Article Analysis: 1) Consult to the lecturer about the choosen articles. 2) Choose one system of Iot Transportation Assesment to group members (Within 2 weeks) 1) Preparing the report	Intelligent Transportation System (ITS)	
'22	**List Member Attend :** Nursolehah Ayu Juliana Hanis Athira Husna Madihah Nurul Hayati	Preparing the slide for the video presentation		

2



ACTIVITY	PREDECESSOR	DURATION (DAYS)
A	0	3
B	A	6
C	A	6
D	B,C	7
E	D	6
F	E	8
G	F	4
H	G	2
I	G	2
J	H,I	4

ACTIVITY	EXPLANATIONS
A	First meeting and discussion
B	Choosing article topic
C	Searching for 25 articles
D	Reviewing the chosen articles
E	Reanalyzing the chosen articles
F	Preparing for written report
G	Reviewing the written report
H	Preparing for Flowchart and CPM Diagram
I	Preparing for Presentation Video
J	Submission

PREPARED BY:

NAME	MATRIC NUMBER
1. SHAKTISWARI A/P KUMAR	061638
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3

BSN
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AR-RAHNU BINA
(Pajak Gadai Islam)
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KEF7784

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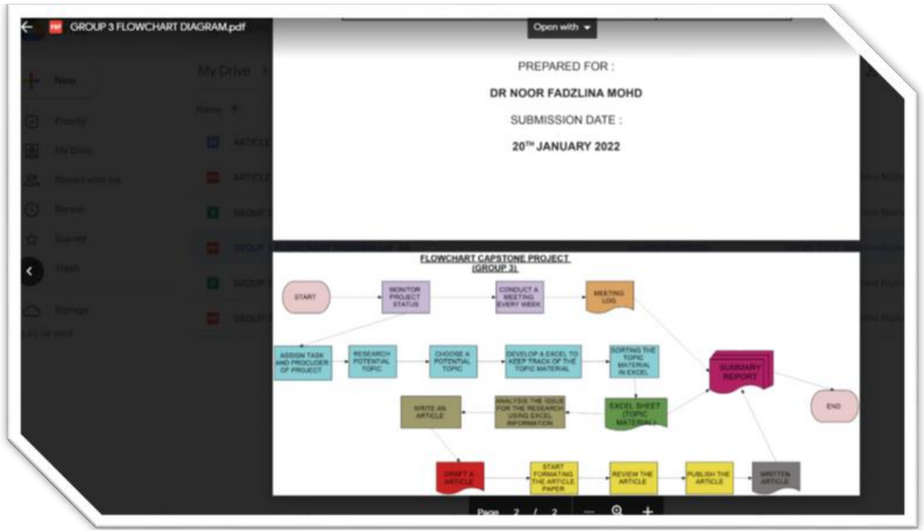
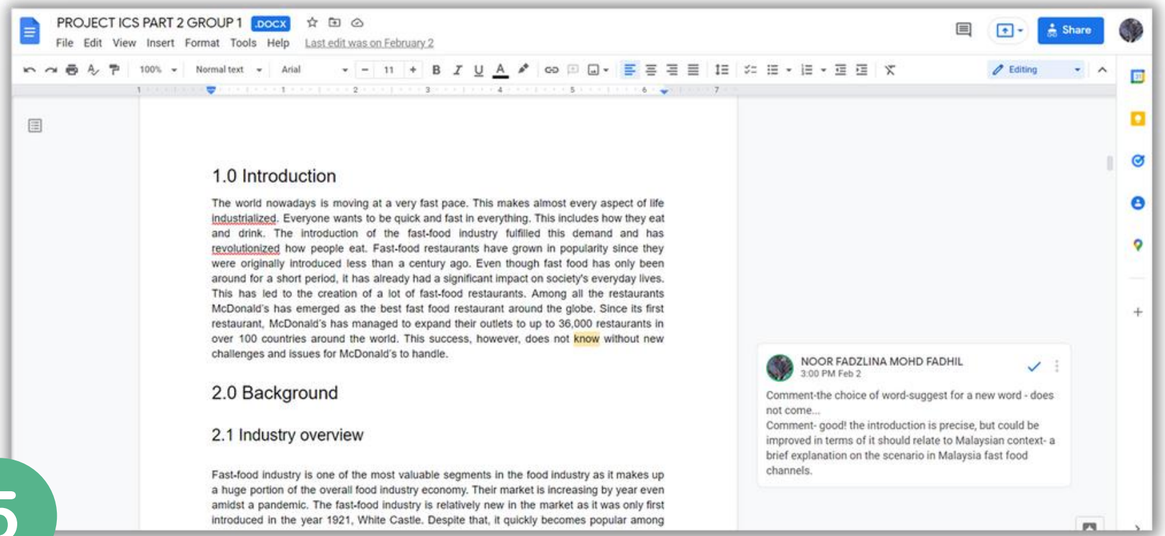
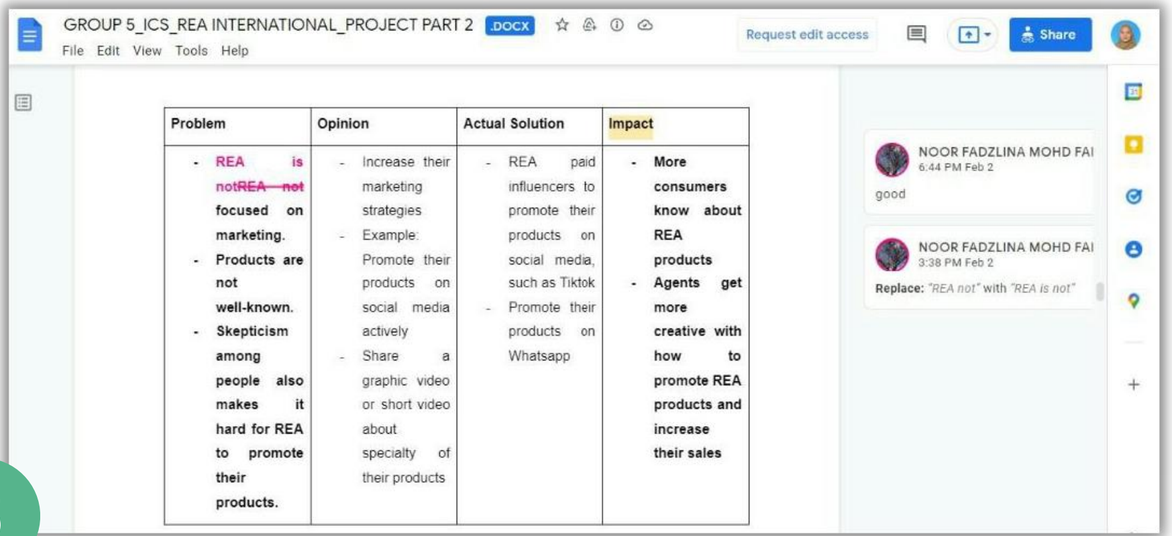

GROUP 3 FLOWCHART DIAGRAM.pdf
Open with
PREPARED FOR :
DR NOOR FADZLINA MOHD
SUBMISSION DATE :
20TH JANUARY 2022
FLOWCHART CAPSTONE PROJECT
(GROUP 3)
START
MONITOR PROJECT STATUS
CONDUCT A MEETING EVERY WEEK
MEETING LOG
ASSIGN TASK AND PROCUDER OF PROJECT
RESEARCH POTENTIAL TOPIC
CHOOSE A POTENTIAL TOPIC
DEVELOP A EXCEL TO KEEP TRACK OF THE TOPIC MATERIAL
SORTING THE TOPIC MATERIAL IN EXCEL
SUMMARY REPORT
END
WRITE AN ARTICLE
ANALYSE THE DATA FOR THE RESEARCH USING EXCEL INFORMATION
EXCEL SHEET (TOPIC MATERIAL)
DRAFT A ARTICLE
START FORMATING THE ARTICLE PAPER
REVIEW THE ARTICLE
PUBLISH THE ARTICLE
SPOTTED ARTICLE

5


PROJECT ICS PART 2 GROUP 1 .DOCX
File Edit View Insert Format Tools Help
Last edit was on February 2
Share
Editing
1.0 Introduction
The world nowadays is moving at a very fast pace. This makes almost every aspect of life industrialized. Everyone wants to be quick and fast in everything. This includes how they eat and drink. The introduction of the fast-food industry fulfilled this demand and has revolutionized how people eat. Fast-food restaurants have grown in popularity since they were originally introduced less than a century ago. Even though fast food has only been around for a short period, it has already had a significant impact on society's everyday lives. This has led to the creation of a lot of fast-food restaurants. Among all the restaurants McDonald's has emerged as the best fast food restaurant around the globe. Since its first restaurant, McDonald's has managed to expand their outlets to up to 36,000 restaurants in over 100 countries around the world. This success, however, does not know without new challenges and issues for McDonald's to handle.
2.0 Background
2.1 Industry overview
Fast-food industry is one of the most valuable segments in the food industry as it makes up a huge portion of the overall food industry economy. Their market is increasing by year even amidst a pandemic. The fast-food industry is relatively new in the market as it was only first introduced in the year 1921, White Castle. Despite that, it quickly becomes popular among
NOOR FADZLINA MOHD FADHIL
3:00 PM Feb 2
Comment-the choice of word-suggest for a new word - does not come...
Comment- good! the introduction is precise, but could be improved in terms of it should relate to Malaysian context- a brief explanation on the scenario in Malaysia fast food channels.

6


GROUP 5_ICS_REA INTERNATIONAL_PROJECT PART 2 .DOCX
File Edit View Tools Help
Request edit access
Share
Problem
Opinion
Actual Solution
Impact
- REA is notREA not focused on marketing.
- Products are not well-known.
- Skepticism among people also makes it hard for REA to promote their products.
- Increase their marketing strategies
- Example: Promote their products on social media actively
- Share a graphic video or short video about specialty of their products
- REA paid influencers to promote their products on social media, such as Tiktok
- Promote their products on Whatsapp
- More consumers know about REA products
- Agents get more creative with how to promote REA products and increase their sales
NOOR FADZLINA MOHD FAI
6:44 PM Feb 2
good
NOOR FADZLINA MOHD FAI
3:38 PM Feb 2
Replace: "REA not" with "REA is not"

Thank You!