

Course Application Project

```
    <-- for object to mirror
    mirror_mod.mirror_object = True
    if operation == "MIRROR_X":
        mirror_mod.use_x = True
        mirror_mod.use_y = False
        mirror_mod.use_z = False
    elif operation == "MIRROR_Y":
        mirror_mod.use_x = False
        mirror_mod.use_y = True
        mirror_mod.use_z = False
    elif operation == "MIRROR_Z":
        mirror_mod.use_x = False
        mirror_mod.use_y = False
        mirror_mod.use_z = True

    selection at the end -add
    mirror_ob.select= 1
    mirror_ob.select=1
    bpy.context.scene.objects.active = mirror_ob
    selectedObj = str(mirror_ob)
    mirror_ob.select = 0
    bpy.context.selected_objects.clear()
    data.objects[one.name].select = 1
    print("please select exactly one object")
    print("- OPERATOR CLASSES -----")

    types.Operator):
        X mirror to the selected
        object.mirror_mirror_x"
        mirror X"
```

Record your teams
meeting

Write-up your brown-
bag session discussion

3 groups



TO DO

Project Discussion

- **Your Company**
 - Create a name for your company
 - Decide on the kind of business you intend to put up i.e. Food Business, Construction Company, Advertising, Pharmaceutical, Agriculture, Clothing Line, Buy and Sell, Delivery Business (Lazada or Shopee), Realty, IT Outsourcing, BPO, Mining etc.
 - Your team will serve as the top-level management
 - Create your teams' positions i.e. CEO, President, VP for Finance, VP for IT Operations etc. Discuss the job description of the top level management team
 - Create your Organizational Chart

Project Discussion (cont.)



- **Location**
 - Main Branch
 - Branches (indicate local branches and international branches)
 - Discuss why you have selected this locations

Project Discussion (cont.)



- **Company Size and Departments**
 - Let us assume that your company has branches around the world and it is operating with employees not less than 2000
 - Identify the Departments pertinent to the operation of your business i.e. Accounting Department, Inventory Department, Human Resource Department, MRP, Research and Development, Marketing and Sales Department, Procurement Department, Delivery Department etc.
 - Indicate dummy names pertaining those who will be handling key positions i.e. Directors, Department Heads etc.

Project Discussion (cont.)



- **Simple Proposed System**
 - Define the function of each System
 - Discuss the importance of each system in the operation of your company.
 - Which department do these system belong to?
 - Sample pertinent generated reports of each system
 - Build a database that will cater to handle the reports needed in the system

Project Discussion (cont.)



- **IT Department**
 - List down job positions needed for maintaining the system including the database;
 - Clearly state the different position of the database administrator and the user of each personnel need to access the database.
 - Discuss the job description/s of each position

Project Discussion (cont.)



- **Types of IT Infrastructure and connectivity**
 - Decide on the type of IT Infrastructure i.e. Servers, Networks, Computers or Laptops, Communication Devices, Backup Devices etc.
- **Needed Hardware**
 - *Hardware Capacities* — Brand of Computer and Specifications (RAM, Hard drive, Monitor etc.)
 - *Required software* — Operating System, Microsoft Office etc.) .
 - *Software levels* — Internet browser etc..
 - *Virus Protection* — Antivirus software, Malware protection etc.
 - *Servers* – if needed

Project Discussion (cont.)



Networks

Connectivity and Bandwidth

Identify your internet providers and the bandwidth of your internet connection (MBPS)



Printers

Type of printers



Communication Device

Type of mobile devices

Project Discussion (cont.)



- **ER Diagram of the Database**
 - Decide on the er design of your proposed system.
 - Discuss why you decided to choose this design.

Project Discussion (cont.)

- **Model Diagram**
 - Decide on the model design of your proposed system.
 - Discuss why you decided to choose this design.
 - Enumerate the primary key, foreign key, complete list of the attributes and entities.

Project Discussion (cont.)

- **Sample generated report**
 - Screenshots of the existing files that you will present on the system.
 - Representation of the needed forms.

Project Discussion (cont.)

- **Presentation of the System**
 - Screenshots of the system.
 - Representation of the needed forms in connection of the system to the database.

Rubrics

Criteria	Beginner (0-3)	Intermediate (4-7)	Skilled (8-10)	Weight	Score
Prompt Submission	<ul style="list-style-type: none"> Report is submitted a week after the schedule 	<ul style="list-style-type: none"> Report is submitted after the schedule but within the day 	<ul style="list-style-type: none"> Report is submitted on time. 	5	
Appearance and Completeness of Report	<ul style="list-style-type: none"> Untidy - The story line is not clearly discussed The content of the video was not clearly discussed The effects and quality of the video is not clear Most parts are not complete 	<ul style="list-style-type: none"> Evident marks of unclear presentation There is some missing point of the discussion in the video Appropriate use of content Some parts are not complete 	<ul style="list-style-type: none"> Clear presentation of the video The presentation was presented according to the contents Appropriate use of content All parts are complete, organized and synchronized 	30	
Accuracy of research contents	<ul style="list-style-type: none"> Contents gathered are limited, or are imprecise 	<ul style="list-style-type: none"> Most of the contents are correct. 	<ul style="list-style-type: none"> Contents gathered are all accurate. 	25	
Presentation skills and time management	<ul style="list-style-type: none"> Voice modulation is not appropriate Delivery is not clear Topics are poorly designed and presented Topics are not documented and required contents are not followed There are members not able to present or all members presented but exceeded time by > 3 minutes 	<ul style="list-style-type: none"> Voice modulation is somewhat appropriate Delivery is satisfactory Some topics are not well designed Contents are partially documented and topics are partially presented All members presented but exceeded time by 1-3 minutes 	<ul style="list-style-type: none"> Well-modulated voice Delivery is very satisfactory Topics are well designed Contents are well documented, and topics are all presented All members presented within the time allotted 	10	
Discussion of the topic and answer to the questions	<ul style="list-style-type: none"> Inappropriate use of words, poor grammar and ideas are not clearly expressed Does not point out discussion well 	<ul style="list-style-type: none"> Appropriate choice of language Can express ideas Discussion was well versed. 	<ul style="list-style-type: none"> Use of rich language, excellent grammar, and ideas are expressed precisely Discussion was clear and accurate. 	10	
RATE= TOTAL / 80					

Deadline of Submission

- January 7 and 10 – Presentation
- Submission – Jan. 12, 2021