

For updated version, please click on  
<http://ocw.ump.edu.my>

# BET 4222 TECHNOLOGIST IN SOCIETY AND LAW

## Topic: virtual design protocol in refurbishment maintenance

by  
MOHAMMAD AFFENDY OMARDIN  
FACULTY OF ENGINEERING TECHNOLOGY  
[affendi@ump.edu.my](mailto:affendi@ump.edu.my)



Technologist in society and law

# PROCESS OF VIRTUAL DESIGN PROTOCOL IN REFURBISHMENT MAINTENANCE



# STEPS TO VIRTUAL REFURBISHMENT DESIGN (PROCESS)

## PROCESS 1- BRAINSTORMING



# BRAINSTROMING

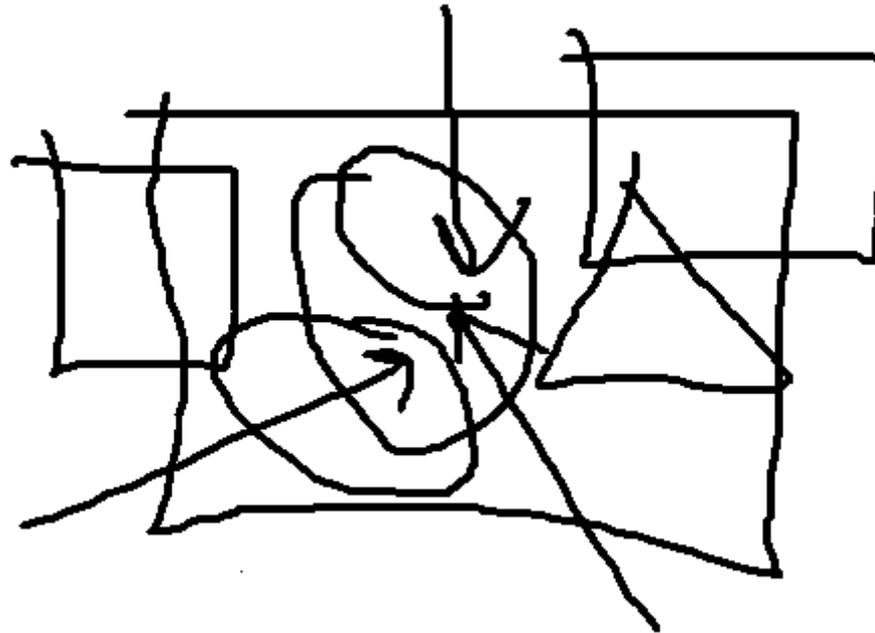
- Brainstorming is vital in the process of any design process. The aims of brainstorming is to gain creative ideas within the task assigned.

# PROTOCOL 1 – BRAINSTROMING

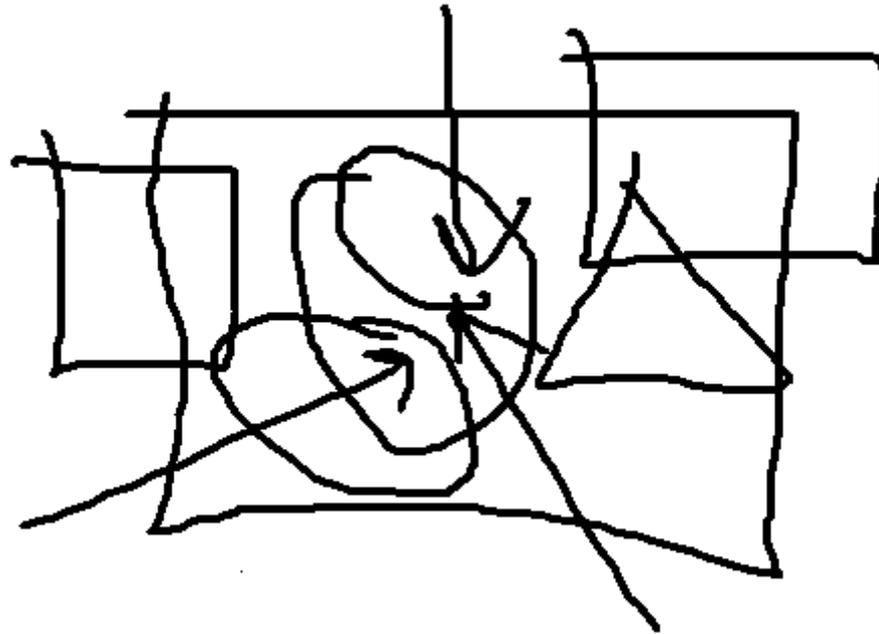
- SPACE UTILISATION
- MEASUREMENT SPACE
- COMPONENTS
- DESIGN DEVELOPMENT



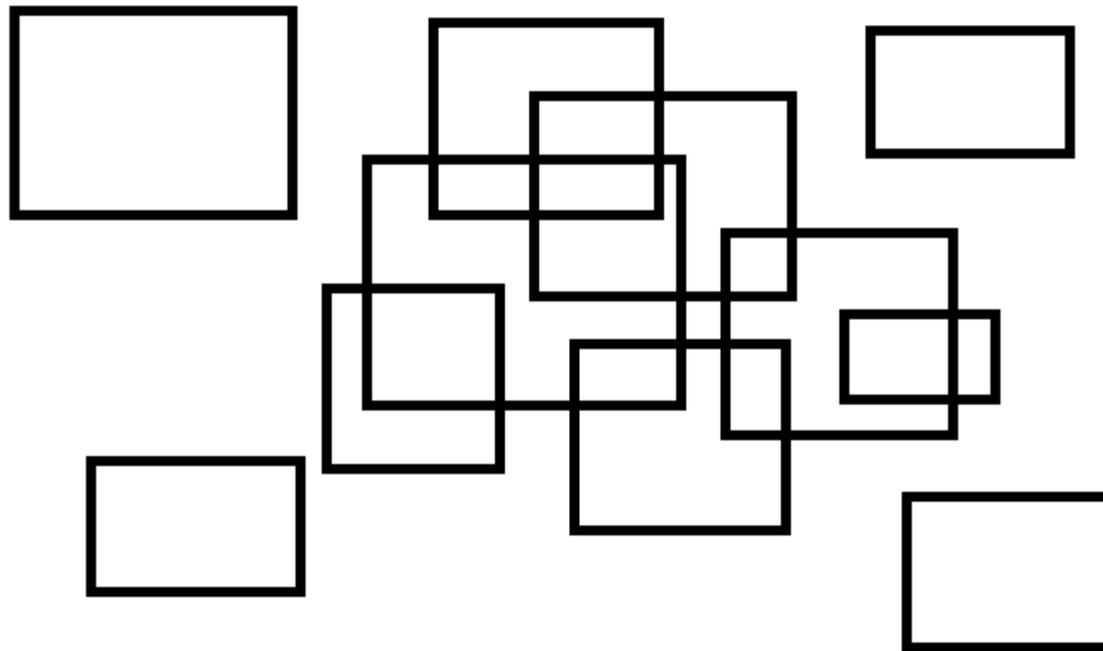
# PROTOCOL 2 : BRAINSTORMING AND IDEA



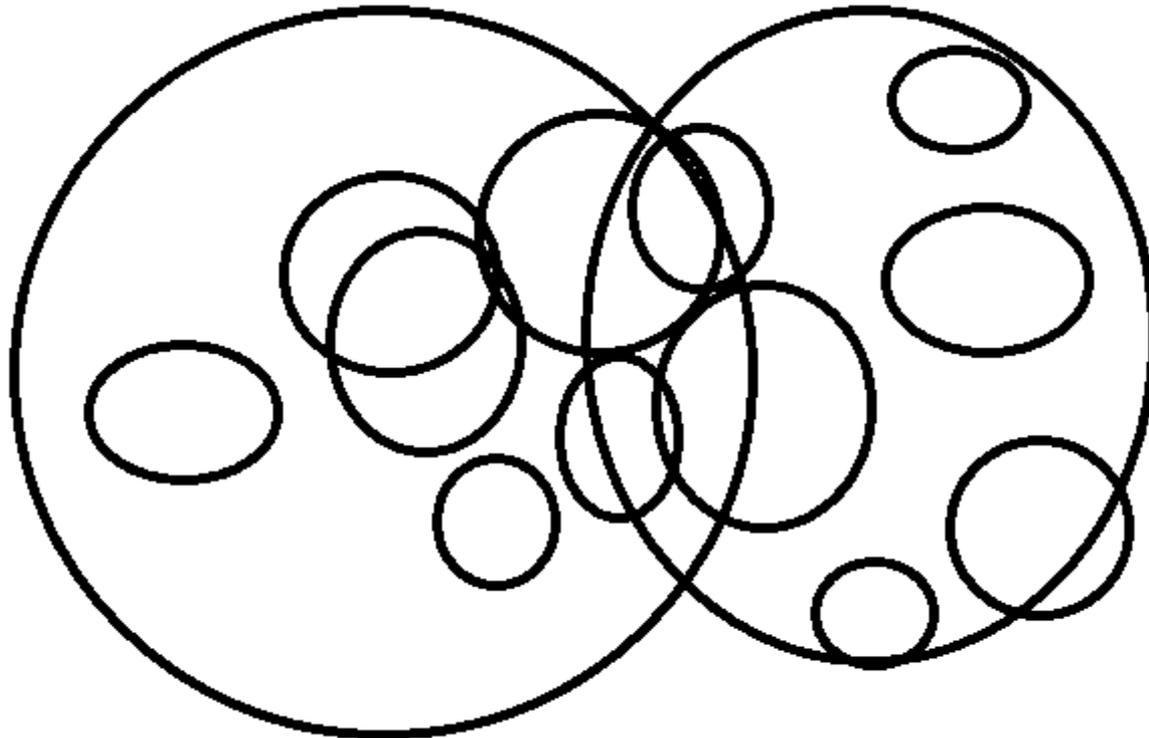
# PROCESS 2 IDEA AND BRAINSTORMING



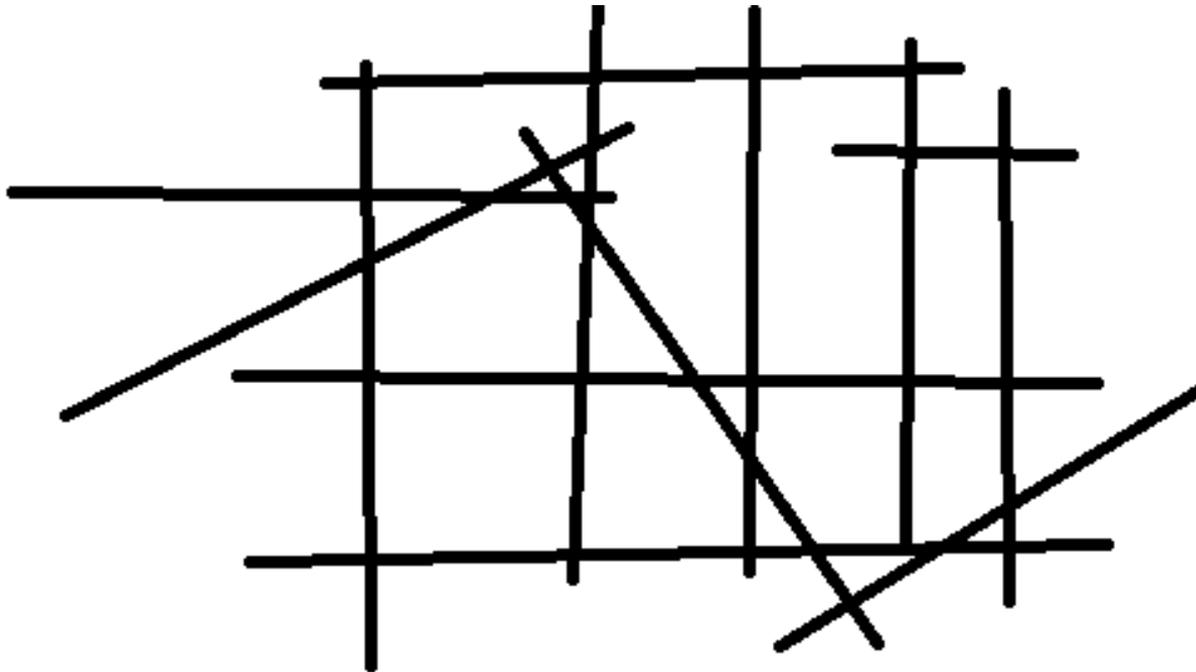
# PROCESS 2: BRAINSTROMING IDEA AND THINKING STRATEGIES 1 – RECTANGULAR



# THINKING STRATEGIES 2 – CIRCLES



# THINKING STRATEGIES 2 – LINES



# Thanks you for your attention

