

## INTEGRATED GROUP ASSIGNMENT (IGA) BACKGROUND

- Students were unclear how subjects taken relate to each other resulting in “*silo learning*.”
- Mediocre teamwork in group assignment as part of syllabus assessment requirement.
- Poorer group assignment quality due to rushing for 5 – 6 subject deadlines
- Less collaboration among lecturers and students in applied learning outcomes.

The **INTEGRATED GROUP ASSIGNMENT** was created as a **Project-Based-Learning (PBL)** tool to overcome the above issues

### 1. LEARNING OBJECTIVES

- To impart a more holistic approach in multiple subjects delivery, applied learning & assessment.

### 3. LEARNING OUTCOMES

- Less stress & more collaboration among lecturers & students in focusing on one big assignment rather than 5 separate ones
- Improved performance in IGA & correlation of coursework to exam results



### 2. METHODOLOGY / TASKS

- To fill the gap in the marketplace for rapid urbanisation housing in Malaysia, the students were tasked to do the following.
- Create a business plan that includes all subjects taken in the semester.
- Propose to **Sunway Property** to include **Urban Vertical Farming Aquaponics** facilities supplied by **Sunway Future X Farms** included in condo purchases as a value-add to differentiate from other competitors

Assessment Analysis			
Type of Assessment	Mean	Standard Deviation	Correlation
Final Exam	68.8	7.7	0.48
Coursework	61.4	6.2	
Total	63.9	7.5	



Assessment Analysis			
Type of Assessment	Mean	Standard Deviation	Correlation
Final Exam	67.2	7.3	0.52
Coursework	68.5	5.0	
Total	68.0	5.1	

**Improved Learning Relatedness**



**Site Visit To Sunway Future X Farms**



**Sunway FutureX Largest Indoor Vertical Farm, KL**

*Heeding SUNWAY GROUP'S commitment to the 17 UNSDG*

