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Advanced Design and Building Information Modeling February

<b>Your Name:</b>	Anil K. Dipu
<b>Name of Project:</b>	Y Container House, Team China
<b>Preference:</b>	“Comfort for Tenants”
<b>Use of Passive Solar Strategies</b>	
Solar Passive Strategies used in this house are: Wooden Screens as louvers which can offer views of the interior space from the behind the louvers and allow moderate sunlight within the house.	
<b>Use of Sustainable strategies-</b>	
Several sustainable strategies are: Energy Efficiency with Photovoltaic system (solar cells on panels) placed on a flat roof Split System Air Conditioning: Isolating both warm air and cold dry air using an evaporator and external compressor. High Value Insulation: dual insulation that up to R-70 (two R-35 insulations) and it balances temperature for hot and cold seasons.	
<b>Use of Technology</b>	
Sustainable innovation and use of technology include: Split System Air Conditioning, Photovoltaic system (solar cells on panels), and High Value Insulations	



**Use of materials**

The materials used are wood, concrete, glass, metal, and other materials.

**Photovoltaic strategy**

Energy Efficiency with Photovoltaic system (solar cells on panels) are placed on a flat roof that provides the house with immense electrical convenience and maintains cost effectiveness and HVAC systems.

**What strategy would you copy? What is the greatest strength?**

The use of insulation and Heat use from HAVAC Air conditioning are really effective.

**What is the greatest weakness of the entry? What would you avoid?**

The greatest weakness is maybe a exploring a way to use water.

**Additional comments?**

I admire the use of wood and mobilization of walls and drawers within each room.