My Meeting Takeaways

# Metadata

* **My Main Task:** **番茄採摘載具電控箱-PDU設計**
* **Link to my “Living technical Note”:** [**lego 20250926LTN link**](https://reurl.cc/oYMQXg)
* **Meeting Date: 2025-09-26**

# 2. The Core Discussion (The "What")

## Key Discussion Point or Finding Presented**:**

*(what was the main result or problem you presented for this task?)*

原先2.5代載具的降壓模組(XL4015)輸出功率不夠支持60w穩定輸出，且在高溫的溫室會出現效能降低的問題，導致Jetson AGX Orin無法發揮完整效能。

接下來會將模組換成NID100-12，可以有90w的輸出，即便在攝氏75度的環境下依舊保有90%的負載能力。

## Professor's Feedback / Key Decision:

老師表示電源的需求是很重要的，應購買較適合的降壓模組，目前的進度規劃是ok的。

# 3. The Commitment

## My Resulting Action Item:

*(Based on the discussion, what is the single, specific, and measurable action that you now personally own? This should include a self-proposed* ***deadline****.)*

預計下周會完成電路在車體空間中的佈局圖，並將保險絲和線徑的規格選配好。

## New Dependencies / Blockers:

*(Is your work now blocked by someone else? Does someone else's work now depend on you?)*

佈局草案也需要最新的底盤和控制箱尺寸，以便進行準確規劃。