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Cooling System Control using PLC Siemenst S7-1200 simulator

The cooling system for RACKs cabinets has been already proposed, however it works using LUMEL SM4 modules. It is going to be updated and replaced with Siemens S7-1200/1500. To do it, the first step is preparing the simulation withe the exact code that can be uploaded to the PLC. The effect of the work will be exchanging the control device for the cooling system.

Requirements: English B2, Laptop with Windows, a basic knowladge of programing PLC.

To do:
1. Tag the variables,
2. Prepare the automatic configuration of PLC,
3. Prepare the code for switching fans,
4. Rewrite the control from LabVIEW to PLC,
5. Prepare the documentation,
6. Prepare the presentation,
7. Prepare the article.

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