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team 35

Phase 1

**ERD**

**A picture containing remote, control

Description automatically generated**

**Logical Constraints**

* A Doctor’s Hospital’s partner warehouse has to have enough stock of the products within a usage log for it to be created.
* A Hospital must have enough remaining budget to purchase a transaction.
* A Hospital cannot make a purchase that would make it’s capacity go above its total capacity.
* A warehouse will have its inventory decremented when a usage log is created, and increased when a purchase is made.
* A Hospital’s budget will be decremented when a transaction is created.

**Assumptions**

* Budget and inventory are derived columns because they would be updated by having transactions and usage logs, so although they may have a starting value or not initially be derived, they would eventually be a derived attribute.