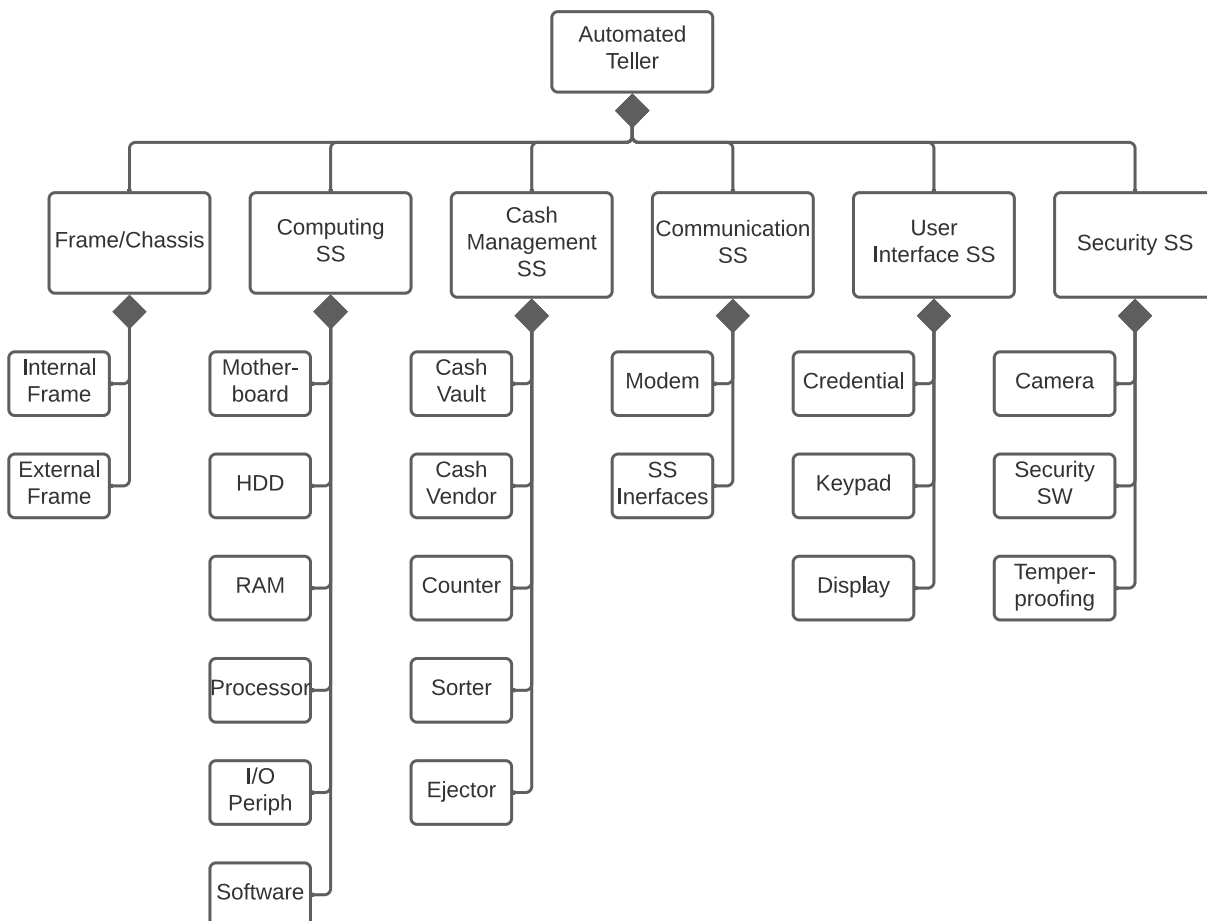


Topic: Hierarchies

Problem: Using your chosen system, create a physical hierarchy of its critical elements.

Pointers/Tips:

- Start with the system at the top (Level 1).
- Level 2 should be the primary subsystems.
- Level 3 are the components that make up each of the subsystems.
- Level 4 are the inner subcomponents within each component.
- As an option, you can create a hierarchy down 1 or 2 paths.
- Typically, there is no need to decompose your system down to the part level (nuts, bolts & brackets).
- The level of decomposition depends on the complexity of your system. Level 3 is a good rule of thumb for systems engineering.
- A 'true' physical hierarchy would not be created until much later in the lifecycle for 'new' systems. Here, we are simply getting familiar with them.
- Here is an example physical hierarchy for the ATM:



Submit your hierarchy to support@learnse.com if you'd like me to check it & provide feedback.