1. Be able to use the storage application with response time less than 0.1 seconds.
2. Have at least 10+ terabytes of storage space for data storage of inventory.
3. Dependable communication between databases should be less than 5 seconds to present accurate/updated information.
4. Be able to handle and support over 10,000 users concurrently.
5. Systems are available at any time with maintenance frequent, lasting no longer than an hour.
6. Process transactions in less than 10 seconds.
7. Protect the account info of users.
8. Able to connect accounts to banks and send/receive data between them.
9. Ease of use with less than 5 days of training to understand the system.
10. Employee accounts must be registered with a unique code provided by management.
11. System operates on Windows 7, 8, and 10, macs and Linux environments.
12. Development of code in C++/C#.
13. Must be regulated by admins to prevent any service downtime.
14. Have decently large inventories.
15. Any downtime/maintenance occurs early mornings from 2-4 AM.