Hardware Requirements

SERVER
- Upgradable – to support a growing client list without needing to spend massive amounts of money up front as the business is a new business.
- Speed – Must be able to process requests in at most 1 second preferably less then 0.5 seconds.
- Connections – Must be able to handle a minimum of 500 concurrent users with a preference of being able to handle 1000.

INTERNET
- Speed – Handle the simultaneous connections of 500 clients, all transferring small amounts of data

Recommendations

Cisco UCS C220 SFF M5:
    Processor: 1x Intel 6230 2.1GHz/125W 20C/27.5MB 3DX DDR4 2933MHz;
    Memory: 6x 32GB DDR4-2966-MHz RDIMM/PC423400/duel rank/x4/1.2v;
    Power Supply:2x 800W PSU(1050W PSU1);
    Storage: 4x 1.9TB 6G SATA SSD (USC-SD19TM1X-EV);
    Adapter: 1x NIC – Intel X710-DA Quad-port 10GbE SFP+;

Approximate cost: $25,000