Hardware limitations:

The most important hardware requirements are the ones for the store, necessaries for the basic function of the service. It must have two different hardware components:  
  
One that has to acts as physical spot and so it is preferably a totem but in more general terms a tablet connected to a printer should suffice, and it is implied that the tablet or the totem should be also connected to internet to communicate with the Clup server. The tablet is needed for letting people choose to get a paper ticket and the printer should print and hand it to them.  
  
The second component must be able to scan the QR code in order to let people enter when It is their turn. So it is preferably to have a turnstile with a scanner implemented on it and a screen that shows the current position of the queue in order to reduce interactions, but the minimum requirement is to have at least a mobile scanner even though it requires to be used by an operator that needs to stay close to the entrance. Also in this case, the scanner has to be connected to the internet or It has to be connected to another device in the store network that is connected to the internet in order to verify the correctness of the QR code.

There are also hardware requirements for the manager and the customers, the first one needs a device with a screen like a computer or a tablet, that is connected to internet for the entirety opening hours of the store in order to let the manager control and manage the influx of people. The customers need a mobile device with internet access and a GPS sensor, so a smartphone is preferred, in order to use both line-up and booking functionalities.