The current world was faced with pandemic of COVID-19. That virus is extremely infectious and is transmitted by airdrome droplets. So government and people should organize some restriction to prevent mass spreading of coronavirus.

One of the most visited places in the real words are shops and stores. They cannot be closed because people have to purchase the essential goods, such as food. So there should be a way to provide low chance of transmitting virus to the new people. As World Health Organization established the maximum range of the effective virus spreading (1.5 meters) it could be used to estimate the optimal flow in the store with respect to the security. However, it makes another trouble: people who are waiting outside a store making a crowd enhancing the chance of obtaining the virus.

The service ‘‘Clup’’ (stand for Customers line up) gives the possibility to plan your visit in a shop with coordination with the management of a store. The application creates a virtual queue instead of a real one, helping to avoid crowds.

Clup allows customer three options: to simply stay in the queue (the shortest waiting time), to book your visit for the time/day chosen by you and to accept a token from machine right outside a store (of course it is not recommended, but in case of not knowing about the application it is the only way). After picking any option user could insert a supposed time of a visit and choose the goods categories, to balance human flow between departments to get the best efficiency.

If user is choosing the first option, the service shows him/her an estimated time of waiting and an estimated time of walking/driving to a store. After coming to a shop customer scans the QR and if time for visit is not expired (came not more than some minutes late) you could go in and start to buy what you need.