

WORLD	SHARED	MACHINE
User goes to shop User lines up User enter/exit User goes into a corridor Shop opens/closes	VUser books visit VUser gets ticket online PUser gets ticket in store User shows QRcode-in User shows QRcode-out Turnstile opens/closes User is notified that his turn is coming User inserts infos	Generates new ticket Real time (periodic) customer optimization Calculate estimated visit time Calculate available shops Save client registration info Update client average visit time

ASSUMPTIONS

- Geolocalization active on user's device
- User will take the shortest path to suggested shops
- Users which specified
- Inserted data about stores are correct
- Stores have automatic turnstiles gates
- Users in store will abide to local norms on social distancing

REQUIREMENTS

- Allow users to line-up virtually
- Allow users to lookup for available stores
- Allow users to book a visit
- Allow users to line up physically

GOALS

- Stores should admit the maximum number of users permitting social distancing
- Allow store managers to track entrances
- Permit users to choose which store to go to !