**1. Introduction**

**A. Purpose**

G1: The system should provide customers with a reasonably precise estimation of the waiting time and should alert them taking into account the time they need to get to the shop from the place they currently are.

G2: Fallback situation #1: Stores should have the possibility to hand out “tickets” on the spot.

G3: The system should allow customers to book a visit to the supermarket based on given input data.

G4: The application should plan the visits such that people could keep enough distance between them inside the store (at least one meter). – Maybe, it’s not a domain assumption neither the goals, don’t get it?

Additional goals for the group of 3 members:

G5: The system (application and “tickets” on the spot) should include alternative slots (for another day), suggest to the customer the location of the nearest “safe” store based on his location. – Think it is the domain assumption.

G6: Fallback situation #2: Stores handing out “tickets” on the spot should prevent the lining out people at the inside and the outside.

G7: Availability of masks in the store for the customers without it – Reformulate, guys. Check it. It’s a new goals. I think it better suits the standards.

**B. Scope:**

The world:

* booking,
* the arrival of the customer and expected duration of the visit in the grocery shop, - REFORMULATE
* people movement,
* products buying by the customer,
* the distance inside and outside of the store – not sure if this the case,
* the person arrival/departure fact
* the mask wearing fact,

Shared phenomena:

* booking encodings,
* the allocation of these bookings,
* encode the fact of person arrival/departure,
* encode the fact of spending a mask,
* the list of products encoding,
* the person location update inside/outside the store

**C: Definitions, Acronyms, Abbreviations**

**UML** – Unified Modeling Language.

**D: Revision History**

**E: Reference Documents**

**F: Document Structure**