

# HEALTH ALERT

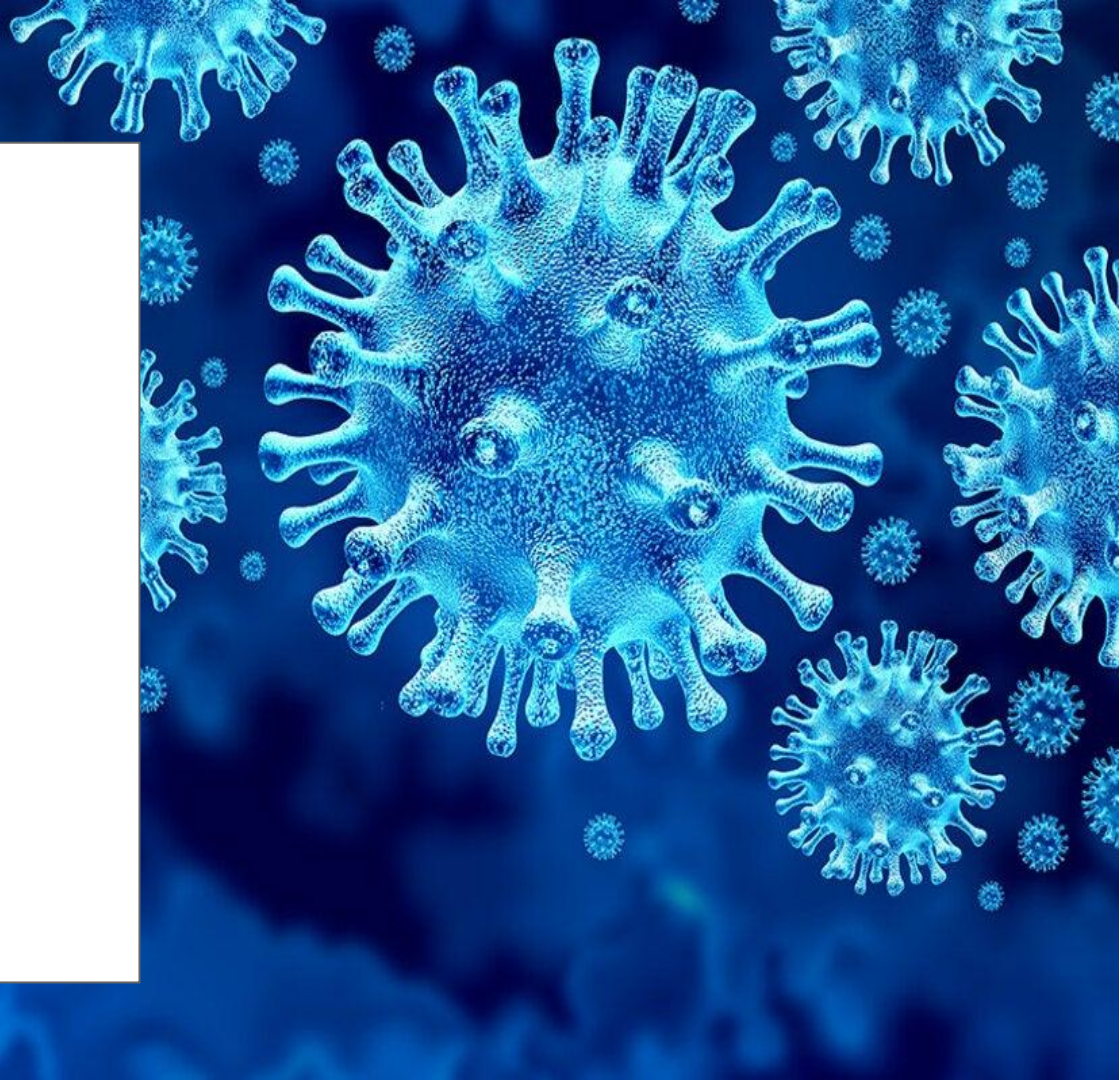
**COVID-19 INFORMATION**

**PHILIPS**



# Agenda

1. The story behind the need
2. System stories
3. Working methods



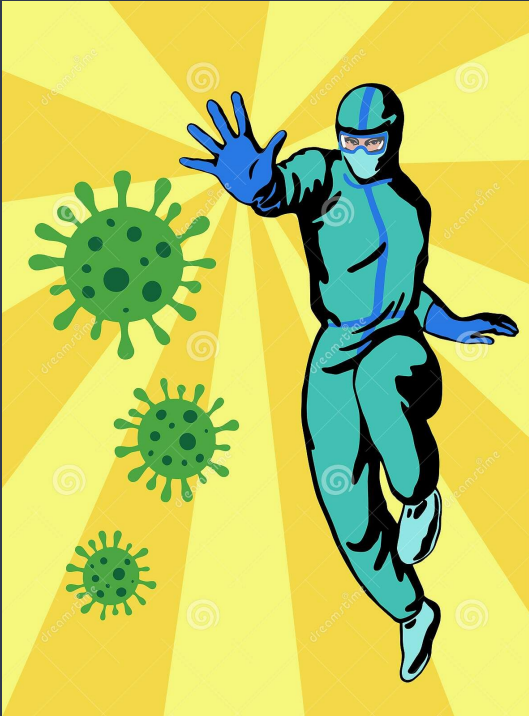
# The story - background

Covid-19 requires special teams and care environments

The number of sick people varies according to new mutations and vaccines efficiency



# The story - the problem

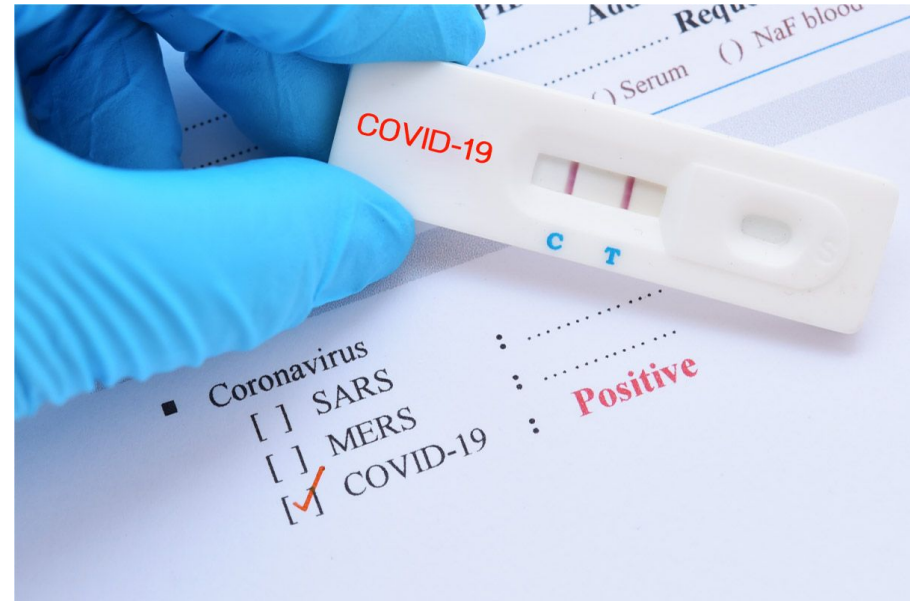


- Huge changes in number of beds occupied for Covid
- Difficult to plan hospital workers shifts
- Difficult to plan hospital spaces utilization



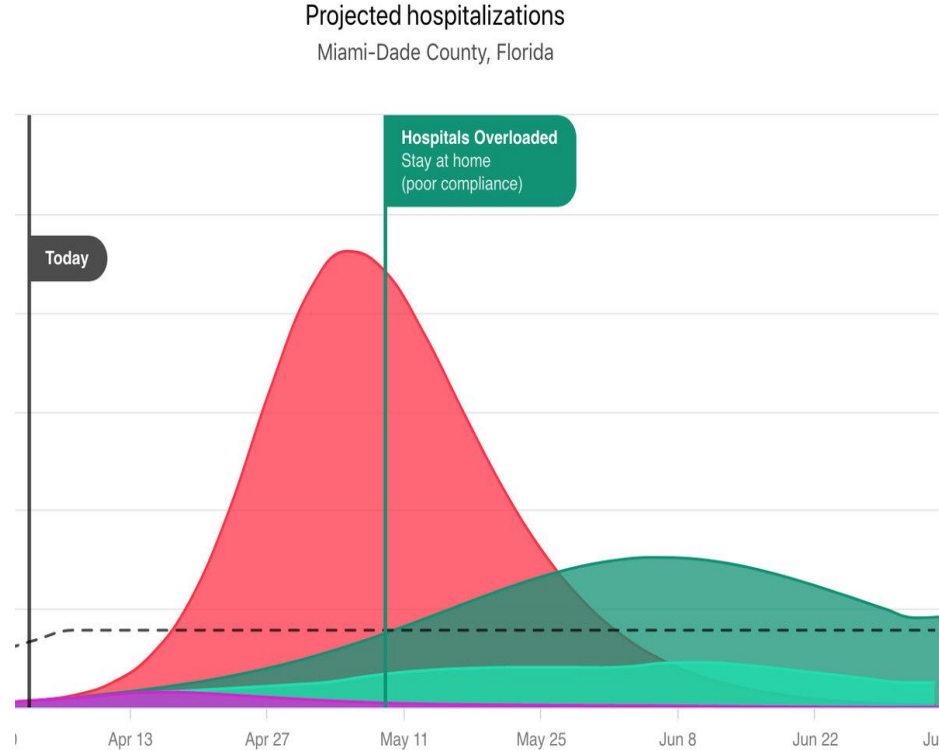
# System stories

1. Receive Corona tests results: how many were positive, how many negative
2. Calculate how many of these positive test will probably need:
  - a. to be hospitalized
  - b. when they will need it
  - c. and for how long



# System stories

1. Allow reports according to a specific future date(s) how many patients will probably hospitalized
2. Trigger notifications by email, SMS or other to specific accounts when calculated numbers is above threshold



# Assumptions



Day 0 - Day 6:

After a week from the test, the person will need to be hospitalized for 1 week

Day 7 - Day 13:

After 1 week in hospital 80% are well and go home, 20% continue to another week in the hospital

Day 14 - Day 20:

After 2nd week in hospital all go home

# Application flows



Receive

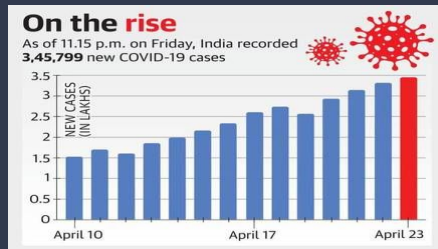
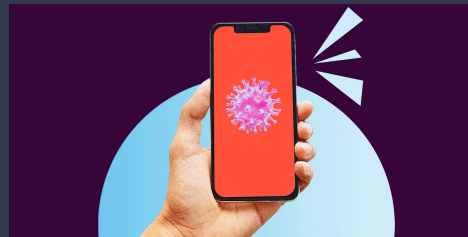
Calculate

Notify

Report

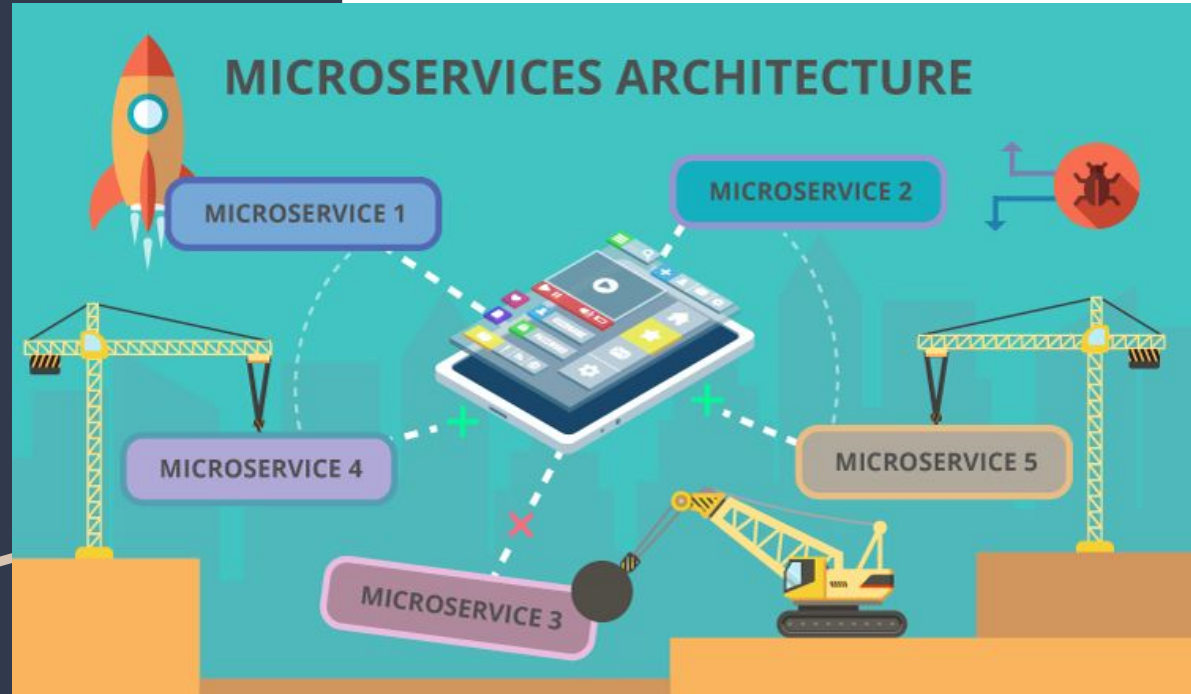


COVID-19 UPDATE





# Development technology

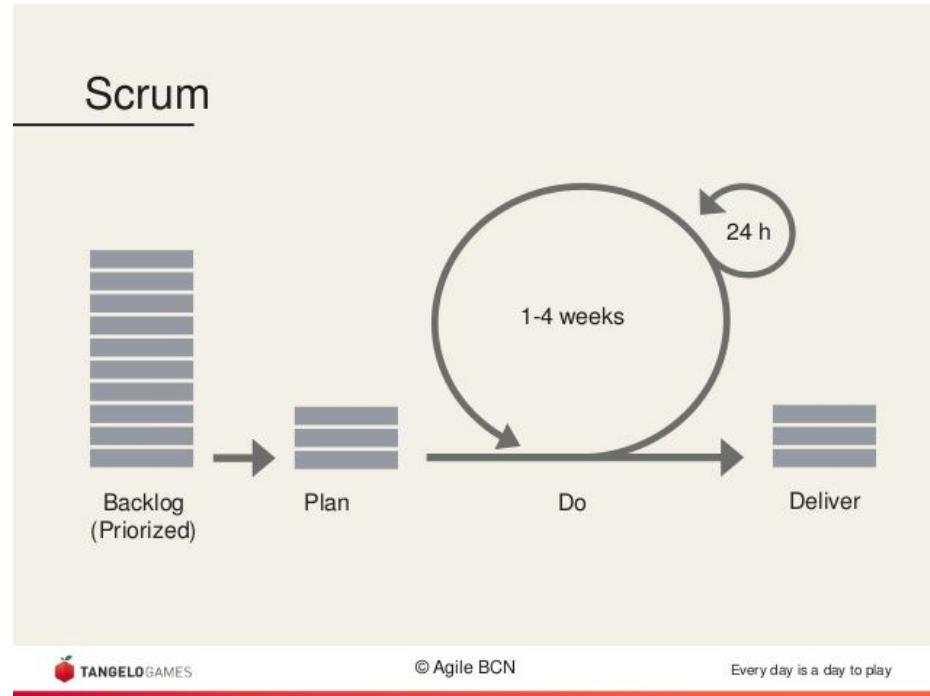


# Working – Agile

Face to face  
Communication

Teams - motivated,  
trusted individuals,  
self-organizing,  
cross-functional

Sprints, building the  
project in small iterations



The background of the image is a light blue gradient with several dark blue, spherical virus particles. Each particle is covered in numerous thin, dark blue spikes or protrusions, resembling the structure of a coronavirus. The particles are scattered across the frame, with some appearing larger and more detailed than others.

# COVID-19: THE BIG QUESTIONS

Thank you

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