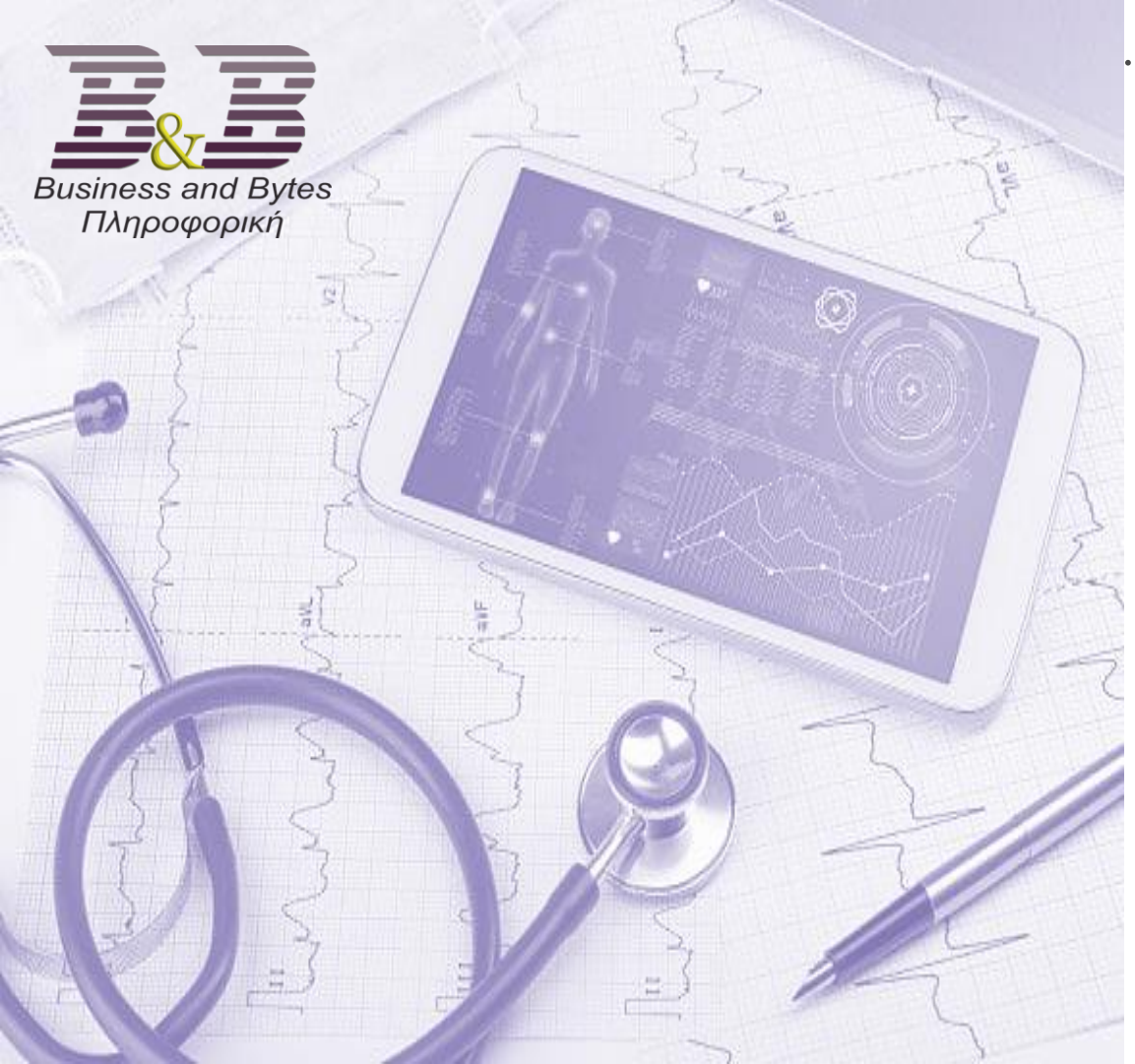


Business and Bytes
Πληροφορική

# Covid@Home

a remote monitoring app by
Business & Bytes

Patision 294b, 11255 Athens,
Greece
Tel: +30 210 8676490
www.bandb.gr

# Our Company

**Business & Bytes**: medical software solutions

B-Health software development

B-Health family of products & services

since
**2007**

In over
**40**
Healthcare units

- **Clinics**
- Dialysis units
- **Diagnostic centers**
- Rehabilitation centers

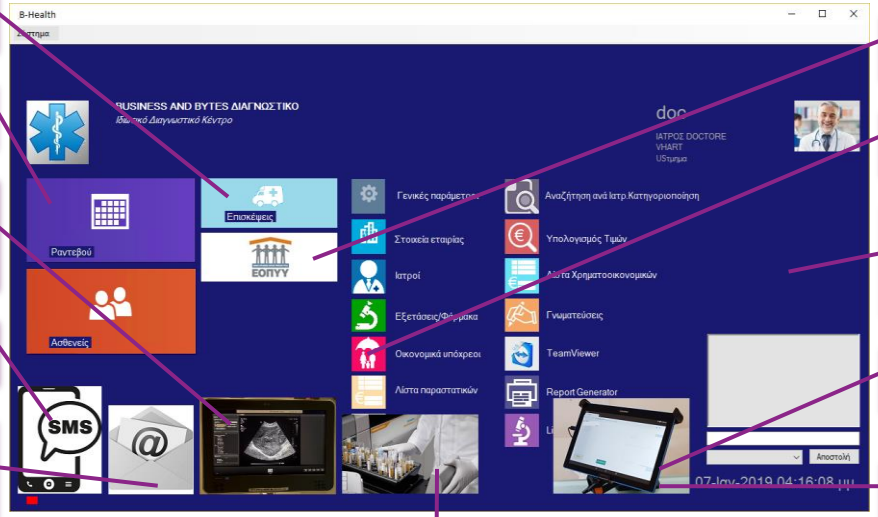
# Our Products

B-Health

Health Information System (HIS) Product Family

**Covid@Home** : Remote monitoring service

- Patient Management
- Appointment management
- Radiology Information System (**RIS**)
- SMS notifications
- Test results to patients via e-mails




- Connection to NOPHS
- Insurance management
- Internal Communication System
- Digital Signature
- Digital Medical Records

- Laboratory Information System (**LIS**)

# Covid@Home – Remote Monitoring System

**Covid@Home (C@H)** is an application system for remote health care monitoring for Covid-19 patients who are recovering at home with ***mild*** and ***moderate*** symptoms

Covid@Home

## Benefits

- **Patient home monitoring**
- **Overcrowding reduction** in healthcare units
- Ensured **familiar and safe environment** for patient recovery, while being monitored
- Reduction of **additional health deterioration risks**
- **User friendly** and **adaptable to any health care software**

# How it works

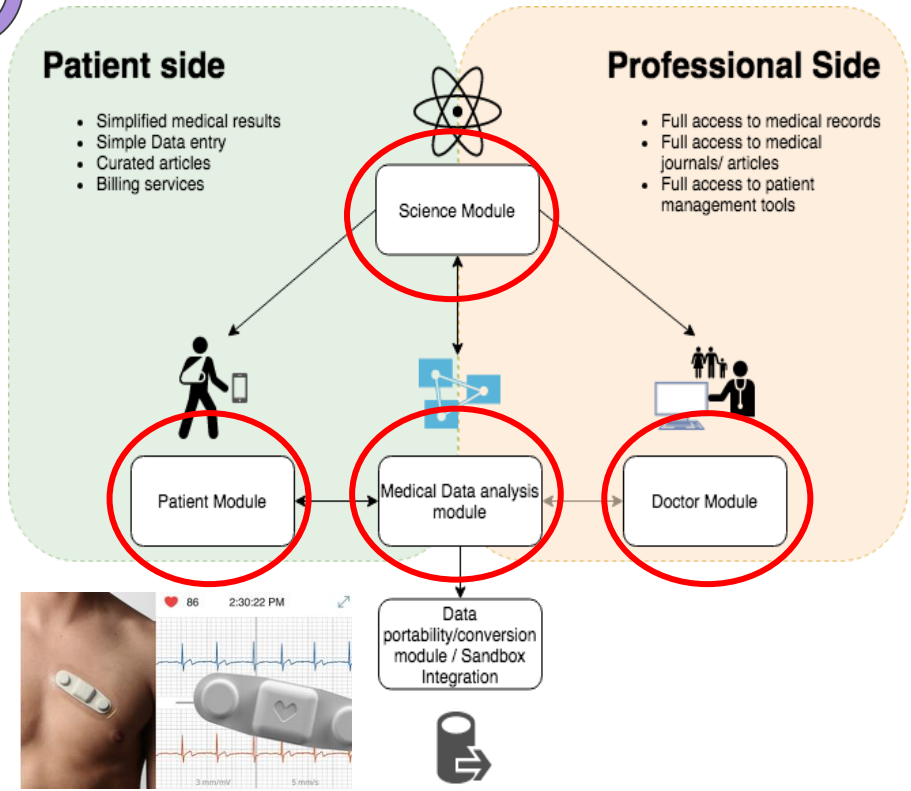
FDA

CE

Cloud Computing

Database

# System Architecture

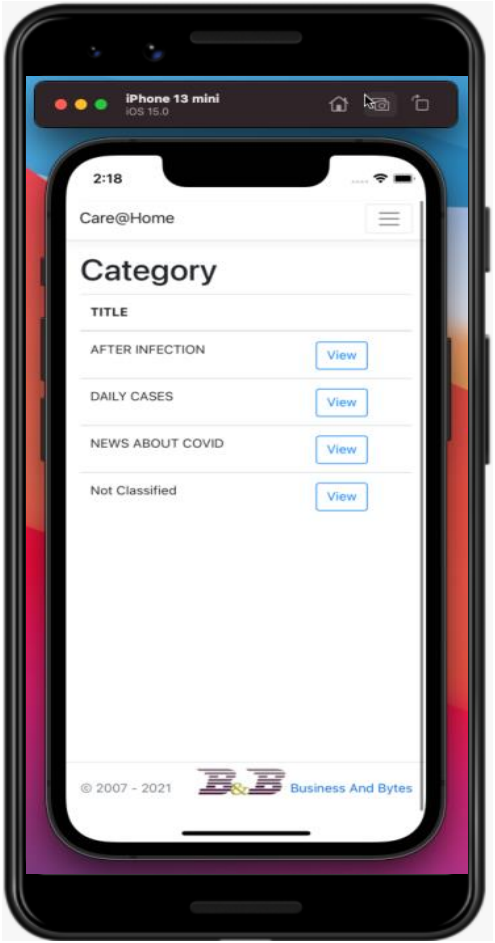



## Patient's app

- Medical data measurements and QoL questionnaires
- **Continuous Monitoring Sensors** for secure measurements – Temperature, HR, SPO2, ECG

## Doctor's app

- Full access to medical records
- Monitor/evaluate patient's symptoms
- **Recommendation for hospitalization** when needed (MDA module)


iPhone 13 mini
iOS 15.0
2:18
Care@Home
Category
TITLE
AFTER INFECTION
View
DAILY CASES
View
NEWS ABOUT COVID
View
Not Classified
View
© 2007 - 2021
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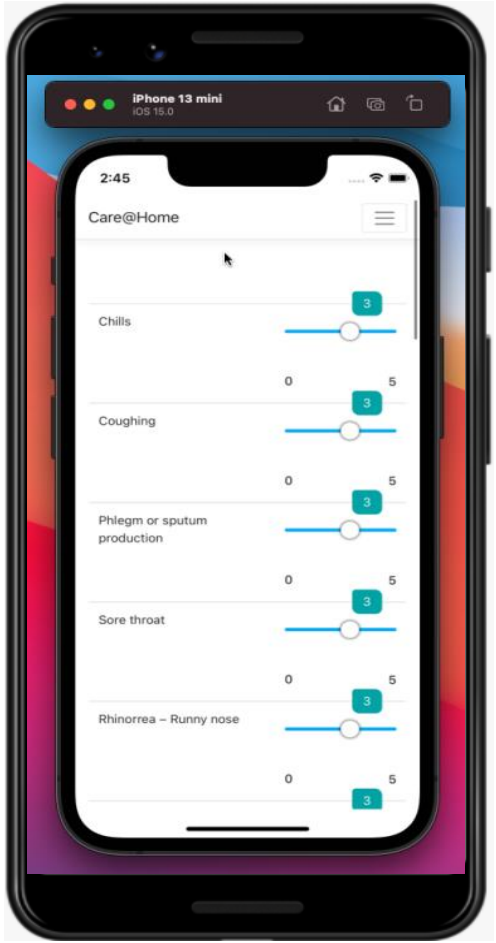
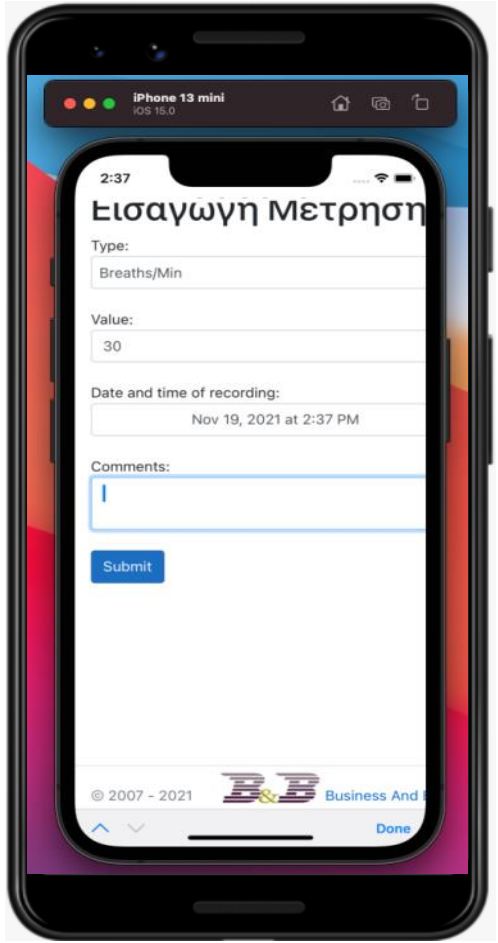

iPhone 13 mini
iOS 15.0
2:45
Care@Home
Chills
3
0
5
Coughing
3
0
5
Phlegm or sputum production
3
0
5
Sore throat
3
0
5
Rhinorrea – Runny nose
3
0
5
3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iOS 15.0
2:37
Εισαγωγη Μετρηση
Type:
Breaths/Min
Value:
30
Date and time of recording:
Nov 19, 2021 at 2:37 PM
Comments:
Submit
© 2007 - 2021
Done

# C@H Validation

## Vascular Research S.A.

- Since **1988**
- *Research*, *diagnosis* and *treatment* of **cardiovascular diseases** using state of the art diagnostic equipment and techniques
- **Specialized laboratory facilities**: coagulation testing, SARS-CoV-2 antibody testing, portable ultrasound equipment, 24-hour holters, ABPM, sp02 monitors

## ΑΓΓΕΙΑΚΗ ΕΡΕΥΝΑ VASCULAR RESEARCH

- **C@H medical configuration/architecture** (QoL questionnaires, medical history, ML parameters)
- **C@H validation**
- **MDA feature validation**

ongoing pilot study

# Thank you for your attention!

Covid@Home

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