

Distributed Software Development



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MÄLARDALENS HÖGSKOLA

E-Health Service Team



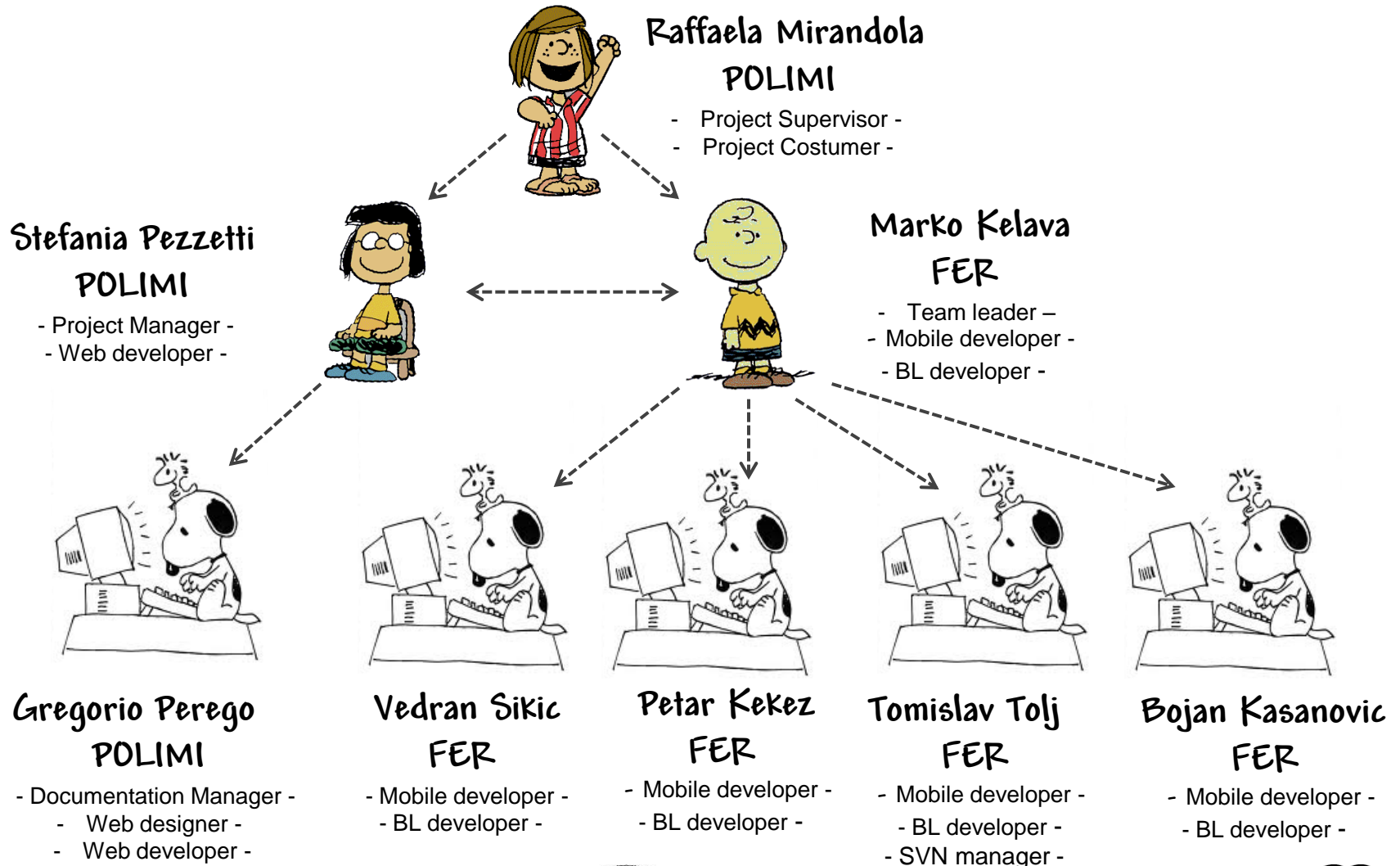
E-HEALTH SERVICE

E-Health Service Project vision

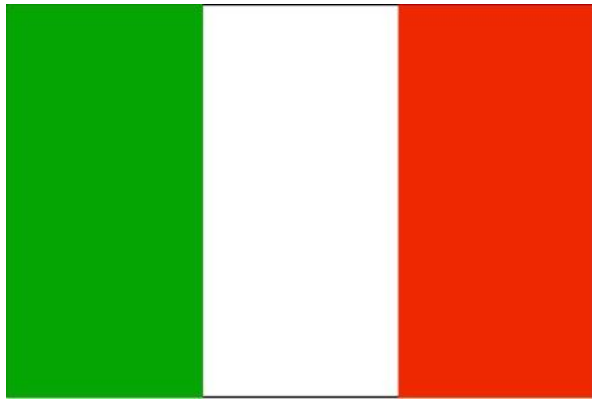
Overview

- Team organization
 - Roles and Responsibilities
 - Team communication
- Ehealth Service description
 - What is Ehealth Service
 - Which functionalities does it have?
 - It is not
- System Architecture and Technologies

Team Organization: roles and responsibilities



Team Organization: communication



E-Health Service description



What is the EHealth service

- It is a system that supports doctors:
 - Improvements in communication with patients
 - Remote monitoring of patients' vital parameters
- It is a system that helps patients:
 - More information about doctors
 - Greater safety for themselves
- It is a system that improves the first aid:
 - More information about patients

Which functionalities does Ehealth Service have?

Doctors:



They can consult a database where there are the patient's case history, some images and patient's pathologies. The information can be consulted either from web app and mobile app.

They can also see the parameters sent by the patients. If the doctor observes something bad or he receives a notification from the systems that some patient's parameters are too much high or too much low, he can send an alarm to the first aid specifying the patient's pathology, the diagnosis and an alarm level.

Patients:

They can search information about the doctors.

They can update manually their vital parameters.

The patient's position must be known (using GPS for mobile application).



First aid:



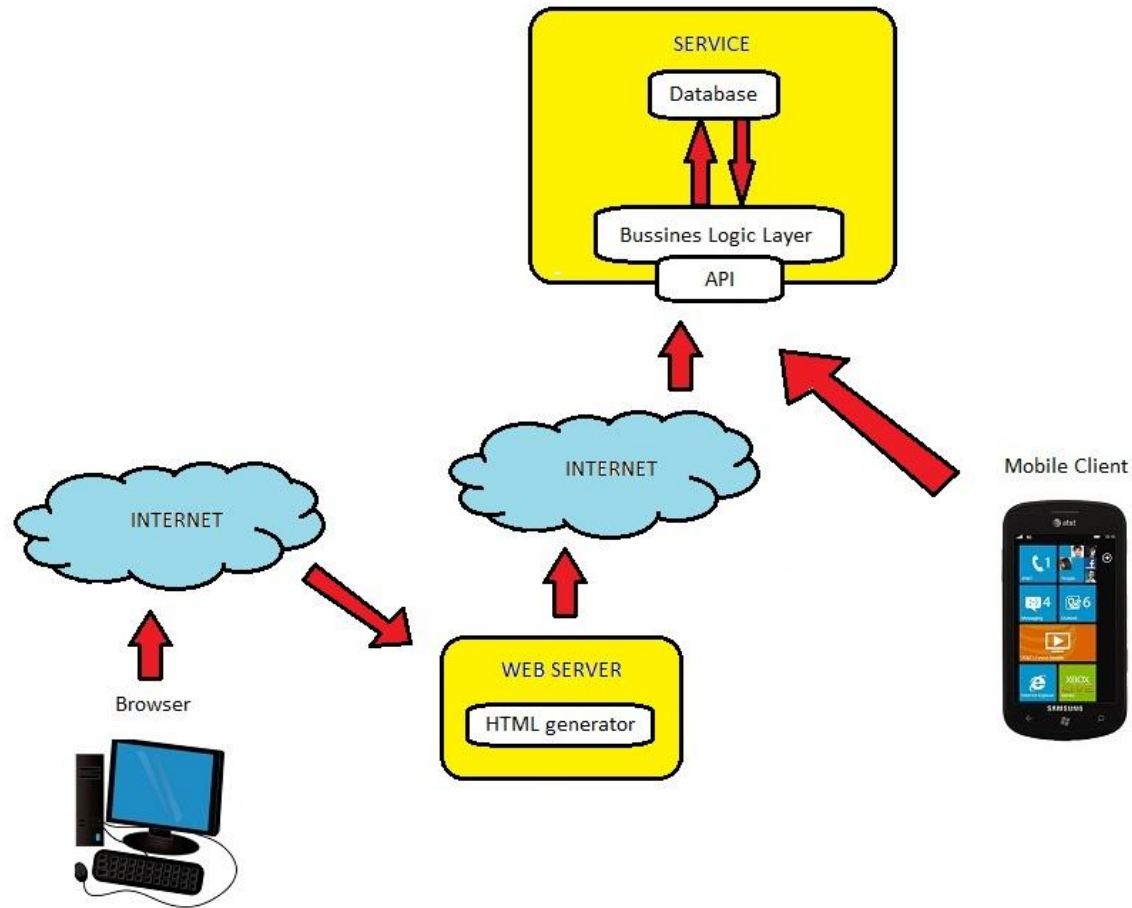
The first aid receives the alarm notifications from the doctors (or from the patients thanks to the button "send alarm" on the mobile app).

The system must be able to identify particular situations in order to allow first aid to organize rescue team for that particular situations.

Ehealth Service *is not*

- A system where devices can automatically send data to the database
- A system that replaces calls to the first aid
- A system for booking medical visits

System Architecture and Technologies



System Architecture and Technologies

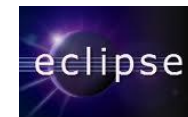
System will be composed of 3 parts:

Data layer and business layer exposed to other parts of system as a service, probably done in .NET



Mobile client, that uses mentioned service, done for either Windows Phone or Android

Web client, that also uses mentioned service, probably done in Java.



Question Time!

Are there any
questions?



