## Overview

What do we need (physic components)?

Cell phone

Computer

Server

Data bases (other server)

Smartwatches

Automated sos : ambulance service

Who communicate with who ?

Cell phone <-> server (cell phone sends requests to server and server answer)

Computer <-> server (computer sends requests to server and server answer)

Server <-> database (server makes queries and database answer) client server

Smartwatch <-> cell phone (initial synchronization, after that the cell phone sends queries to the smartwatch and the smartwatch sends data to the cellphone via Bluetooth.)

Cell phone -> ambulance service (cell phone sends sms to ambulance service)

User/server

the server must sends data to the different users only when it’s necessary. Because the users use the app through devices that can be offline, the server must only sends data when asked by on of the users. -> client server architecture.

Server/data base :

The data base cannot know when it needs to send data so the server requests the data to the database when it is necessary. -> Client server architecture



