

# Applying ActAD - home care case

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# The research objective

- In our research the objective is to find and **develop methods for analysis and design of component-based systems** or components, the introduction of which support realization of goals and activities of organizations and individuals **working in network** of these organizations.

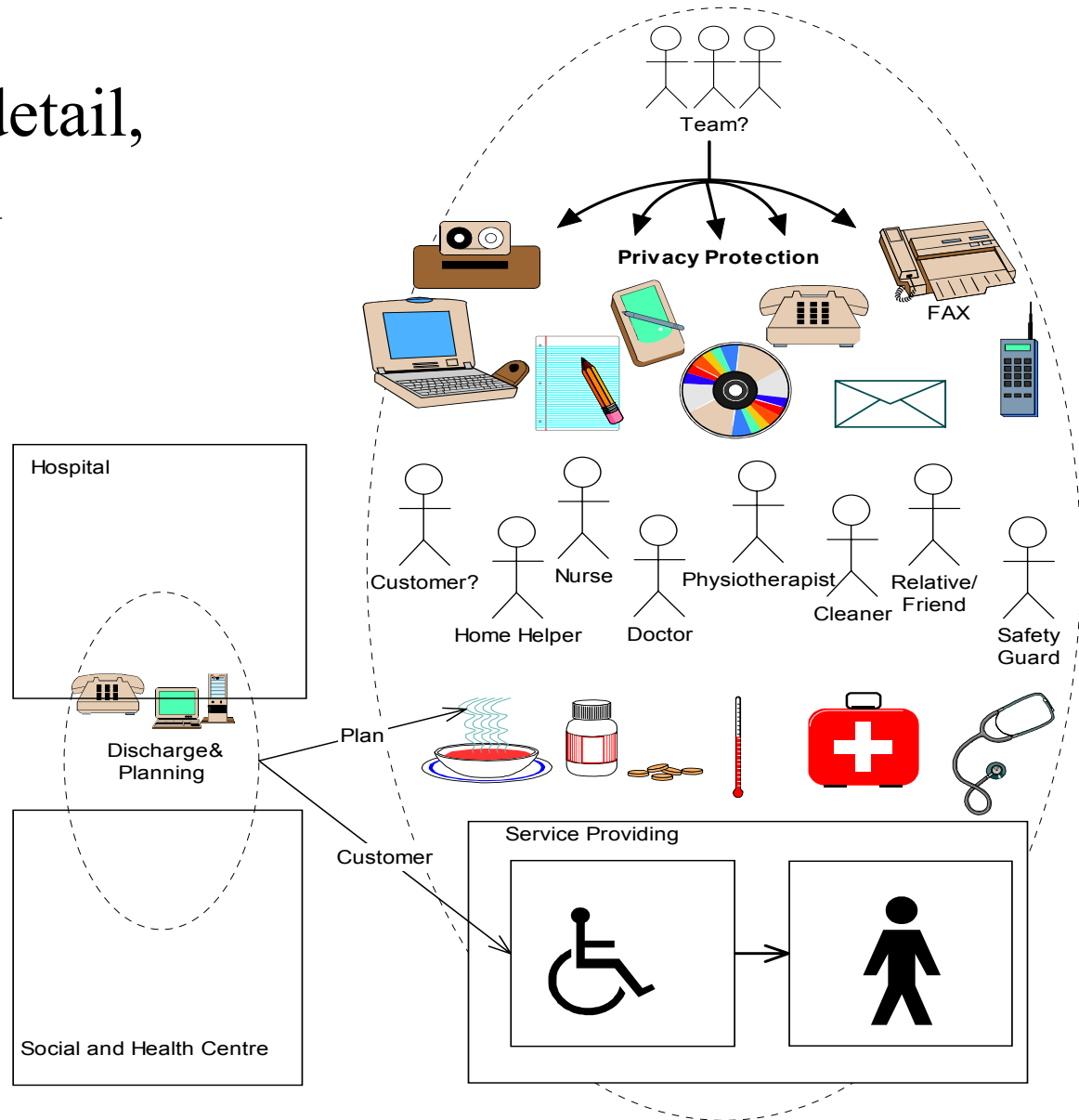
# Today

- Present our **home care** pilot project and discuss results and experiences we have got thus far from applying ActAD.
- **ActAD Activity Analysis and Development** (Korpela & Mursu 2003)

# We caught this kind of results

- The activity network and organizations involved in home care services
- The service providing activity in detail
- The needs for computer-based means of cooperation, communication and networking

activity in more detail,  
with emphasis on  
cooperation



# Discussion

- Problems of Software Engineering methods
  - SE methods rush to design software, for example, to describe use cases, class diagrams, and architectures.
  - SE methods give insufficient support for describing goals of organizations and for developing underlain working practices.
- After applying ActAD we will continue our case forward more detail descriptions of the needed information system and forward component-based **software** requirements.

# Three propositions/question

1. How bridge the gap between ActAD/AT and software requirements.
2. ActAD is a **good starting point** when you are **not familiar** with the domain yet. And you want to be sure that the new system will support goals and activities of organizations and individuals.
3. ActAD **works as a tool** for communication, negotiation, and understanding about properties of future information systems and their integration between different stakeholders, including service providers and customers, software providers, and software integrators.

# Thank you

## More info:

- "Information Needs in Home Care"
  - marika.toivanen@cs.uku.fi
- PlugIT project
  - <http://www.uku.fi/atkk/plugit/>