



# Assignment A1.a

## Scenario and Task

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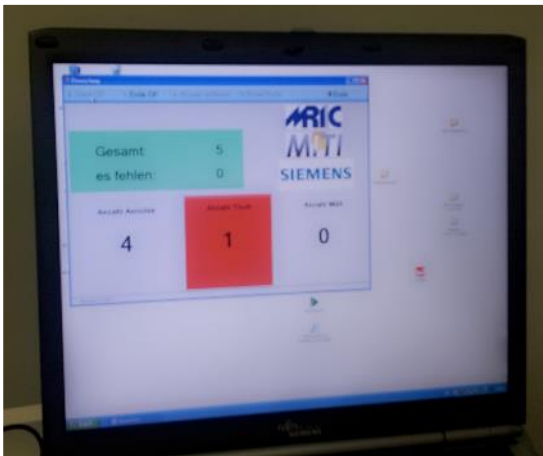
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# Context

- You are a team of bright software students that are interested in creating the next generation of apps for the Future Internet (FI). FI recognizes that:
  - more and more data is created and made available, e.g. through mobile end-devices
  - Software can be easily transferred and software-based services connected
- In 2014, 100M€ will be made available for startup companies. A particular opportunity represents the use of FI for improving health, care, and lifestyle.
  - Examples: <http://fistarblog.com/> > User Cases

# Example: Operating Theatre Monitor

- Reduced search for consumables
- Total effort for nurses reduced



# Example: Drug Supply Manager

- Patient safety assured (70% wrong medication)
- Profitability increased (warehouse)





# Example: Diabetes Share System



- Patients motivated for healthy lifestyle and adherence to treatment
- Fewer appointments and better decision-support (clinical data)

# Call for Innovation

- The cost of healthcare is extremely high and continues to increase. At the same moment, relatively little has been done to improve quality of life – whether for the broad public or for severely injured or sick patients.
- How can software improve well-being and health, while reducing cost of the healthcare system?

# Task 1: SWOT

- Perform a SWOT analysis for your team:
  - What opportunity can you exploit?
  - What strengths can you capitalize on?
  - What weaknesses should you reduce?
  - What threats should you monitor and avoid?

# Task 2: Vision

- Create a vision:
  - What concrete problem do you want to address?
  - What is your product, and how does it improve state-of-art?
  - What makes you confident that you would be successful?