

Instituto Superior Técnico

User Centered Design Course

# iServices for the Elderly

**Group 118**

58386 Tiago Garcia

58537 João Aires

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# Summary

- Our Project
- Stakeholders
- User Profiles
- Monitoring Group

# Our Project

# Motivation

- “Elderly take an average of **seven** medications a day” [1]

# Solution

- A **clock** like device that helps the elderly to remember when to take the medication.

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iPillOClock

Who are the  
**stakeholders?**

# Stakeholders

- Elderly
- Elderly's families
- Pharmacist
- Pharmaceutical industry
- Medical doctors
- Development team
  - including managers



# Stakeholders

- Producers of electronic equipment
- Mobile Device Industry
  - producers, retailers, suppliers, etc
- Clock Industry
  - producers, retailers, suppliers, etc
- (Other) Competitors

What are the  
**user profiles?**

# Elderly

- Retired (or almost)
- Unhealthy
  - diabetes, osteoporosis, hearth conditions, etc
- Physical limitations
  - movement, vision, hearing, etc.
- Memory limitations
- Little human contact
- Learning Difficulty
- Uncomfortable with new technologies
- Low schooling levels

# Elderly's Families

- Man and women of several ages
  - Children, teenagers and adults
- Concerned about the elderly person's health
- Usually have sporadic contact with the elderly person.
- Users of a great variety of technologies
  - Computers, cell phones, etc.

# Pharmacists

- Man and women below the retirement age
- High level of schooling
- Health professionals
- More used to technology
- Available to help on the medicine purchase moment

Who will be our  
user group?

# User Group

- Elderly people with little or no contact with computers/mobile devices
- Challenged elderly
- Adults with elderly close relatives
- Health professionals

Questions?



# References

- [1] **Publico.pt (2008), Idosos tomam em média sete medicamentos por dia.**

[http://www.publico.pt/Sociedade/idosos-tomam-em-media-sete-medicamentos-por-dia\\_1326780](http://www.publico.pt/Sociedade/idosos-tomam-em-media-sete-medicamentos-por-dia_1326780)