



Universidade de Aveiro
Departamento de Electrónica,
Telecomunicações e Informática

Lab Classes



- Groups of 3 students
- **Assignment 1**- Evaluating an interactive system using analytical methods
classes 1-5
- **Assignment 2** – Designing and developing a prototype of an interactive application using a human-centered approach
classes 6-14



Assignment 1

Labs 1-5

Select a topic until Lab 2

▼ Lab classes

Lab 1 - Introduction to the Lab classes and assignments



Slides - Introduction to Lab classes-2023



Slides - Usability evaluation - Lab classes-2023

Lab 2 - Analytical methods: Heuristic evaluation



Assignment on Analytical evaluation



useit.com: Nielsen Norman Group Website



Usability Evaluation - Interaction Design Foundation Encyclop

Lab 3 - Analytical methods: Cognitive walkthrough

Suggestions for Assignment 1

- IDEs and editors
- S/W used in other courses
- Video conference applications
- Medical, scientific, industrial equipment
- UI prototyping applications
- Public services sites
- Home banking sites
- Electronic credit cards
- Smart gadgets, virtual assistants (CUIs), wearables, ...

- Transportation and delivery services
- On-line stores
- Game stores
- Smart watch/smartphone apps
- Social networks
- Spotify
- Booking, TripAdvisor
- TV boxes and streaming services
- Vending machines
- Home robots and assistants