Ecodesign of digital services for Designers, Agilists and Managers

Duration 2 day(s) (ECOCONCEPTION-NON-TECH)

The fundamentals of GreenIT and eco-design for functional profiles

Description

Every day we hear about ecological crises and the many and increasingly serious problems they bring to the world. Like any product, digital services have an impact, meaning that there are opportunities to improve. This training offers you the opportunity to discover the impact of your product and how to lower it.

Goals

- Discover the extent and nature of the environmental and social impacts of digital technologies Assess the impact of design choices
- Know the ways to reduce the environmental impacts of your projects
- Be able to implement the approach on a typical project
- Be aware of the tools and KPI that can be used to measure your progress

Public

This training is designed for non-technical collaborators wishing to integrate the eco-design of digital services into their projects, such as:

- Project managers
- Scrum masters
- Product Owners and Product Managers
- UI and UX Designers
- QA Engineers

Prerequisites

None

Structure

60% Theory, 40% Practice

Zenika - 53 Rue de Châteaudun - 75009 Paris - Tél +33 (0)1 45 26 19 15 - Fax +33 (0)1 72 70 45 10
training@zenika.com - www.zenika.com - Siren 489 682 005 RCS Paris - TVA FR 39 489 682 005
N° organisme formation 11 75 407 53 75 - Code NAF 6202A

Program

The environmental footprint of the digital world and why reduce it?

- The Ecological crises
- The digital footprint in details: client devices, data centers, networks, perspective.
- The mechanisms that push devices to obsolescence, including software problems

At the end of this section, you will be able to describe in detail the environmental impacts of digital technologies, their nature and causes, as well as how software contributes to these problems.

The impact of design

- Functional design : feature design, fitting the user's need, etc.
- User experience design : dark patterns, default values, ...
- Graphical design : sobriety, animations, dark mode, ...

At the end of this section, you will have an overview of the role and potential of the different aspects of the non-technical design of a digital service in the ecodesign process.

The ecodesign approach

- Assess the impacts of a digital service
- The existing tools
- Ways to ecodesign
- Examples of ecodesign
- Collateral benefits of ecodesign
- Frameworks that can be used and examples of practices and criterias

At the end of this section, you will know how to assess the impacts of your service, understand the eco-design approach and have a repository of ideas and practices to improve your product.

Integration in a project

- Setup of the approach in a typical project
- Design strategies
- Links with agile (lean, scrum, kanban) and software craftsmanship
- Change management
- Arguments to convince your collaborators

By the end of this section, you will know how to integrate ecodesign in your team's processes and you will have arguments and techniques to bring change in your organisation.