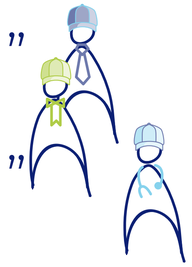
Responsible Innovation of AI

at Erasmus MC

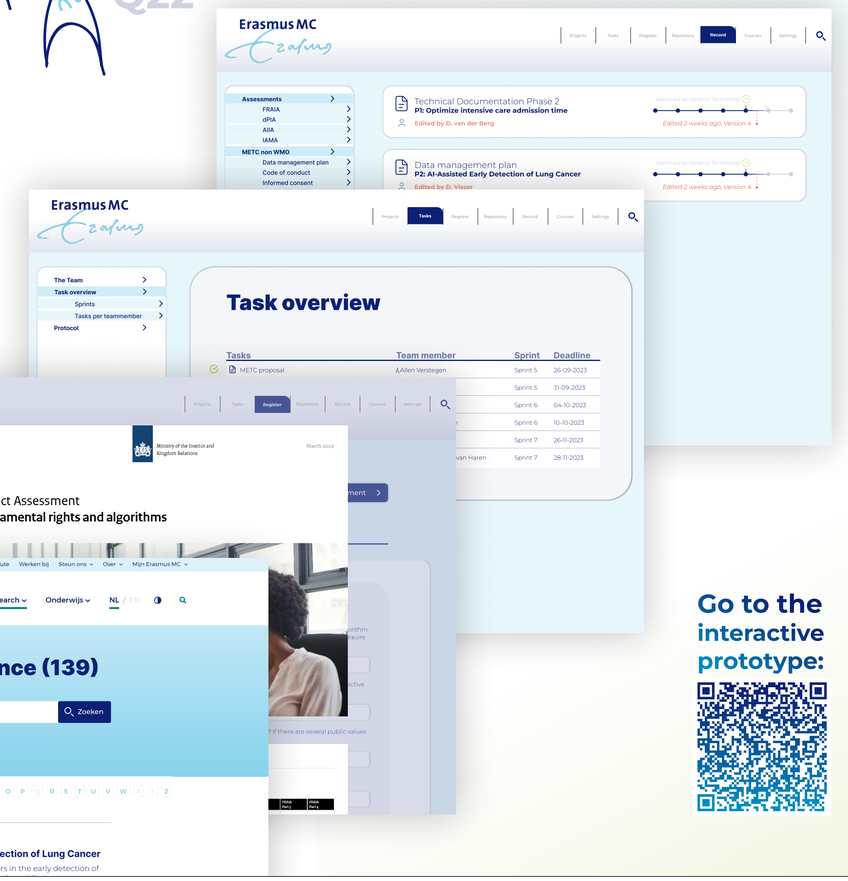
The complexity of the problem necessitates multiple solutions, which resulted in two designs, the **concept of a service system** and a **roadmap**. The service system embodies the needs of the target group, while the roadmap offers a pragmatic guide for the organization to prepare for the changes following AI Act legislation.

Q1 *"Shouldn't this be established across the entire UMC (University Medical Center)?*

Q2 *"The aim of Eramus MC is to become Technical UMC in 2028, with such a system you can get ahead of other UMCs and they can use it later.*



Q22 *"These innitiatives should be there to make it clearer to us clinical specialists what is expected of us."*



In this study, the aim is to find out how Erasmus MC can properly prepare for the AI Act.

An **iterative design approach** was utilized to explore what **AI project members** may experience during this regulatory process. Several factors have emerged during this experimental study, including the *allocation of responsibility*, the *importance of education* and the *connection of the medical, technical and legal domains.*

Allocation of responsibility

Importance of education

Connection of medical, technical and legal domains

The aim was to get answers to the following questions:

Research Question

'What can different members of an AI development team encounter during the documentation process for the regulations of the AI Act?'

Design Question

'How can a hospital develop a service system combination to give more guidance to AI developers within the regulation process of the AI Act?'.

Go to the interactive prototype:

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Responsible innovation of Artificial Intelligence
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