

Wizwork- Improving the workflow of radiation oncologists

Facilitating Data enabled pre-treatment optimization in Radiotherapy

Problem

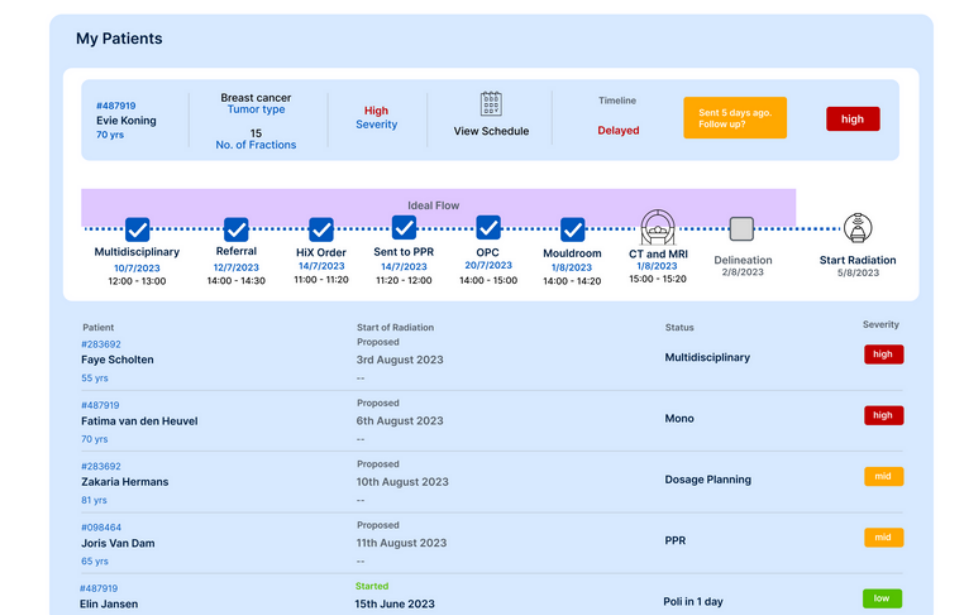
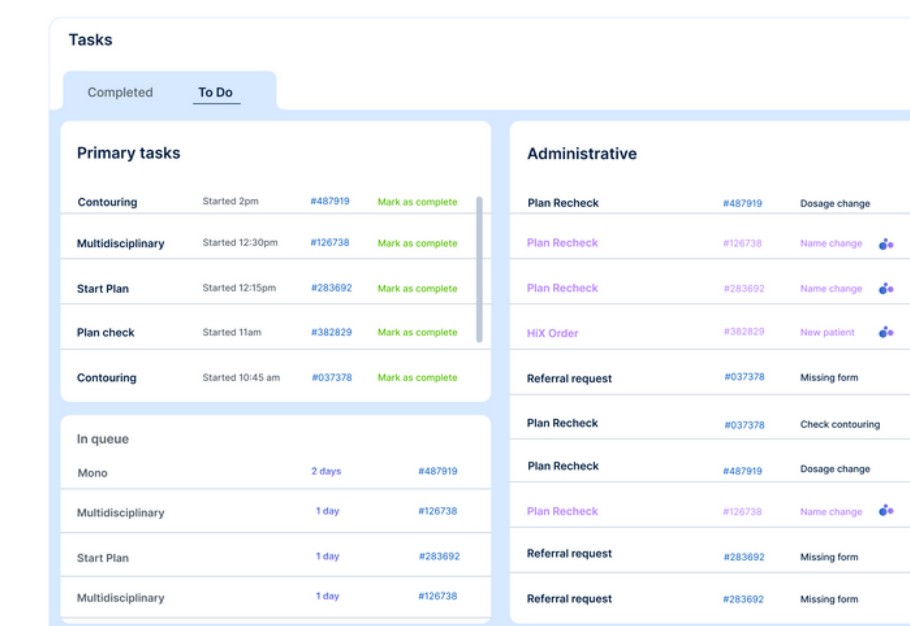
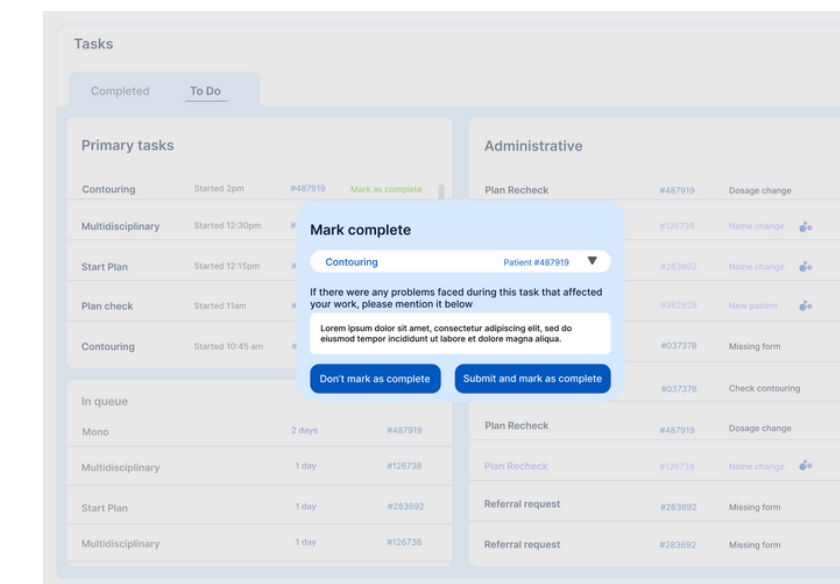
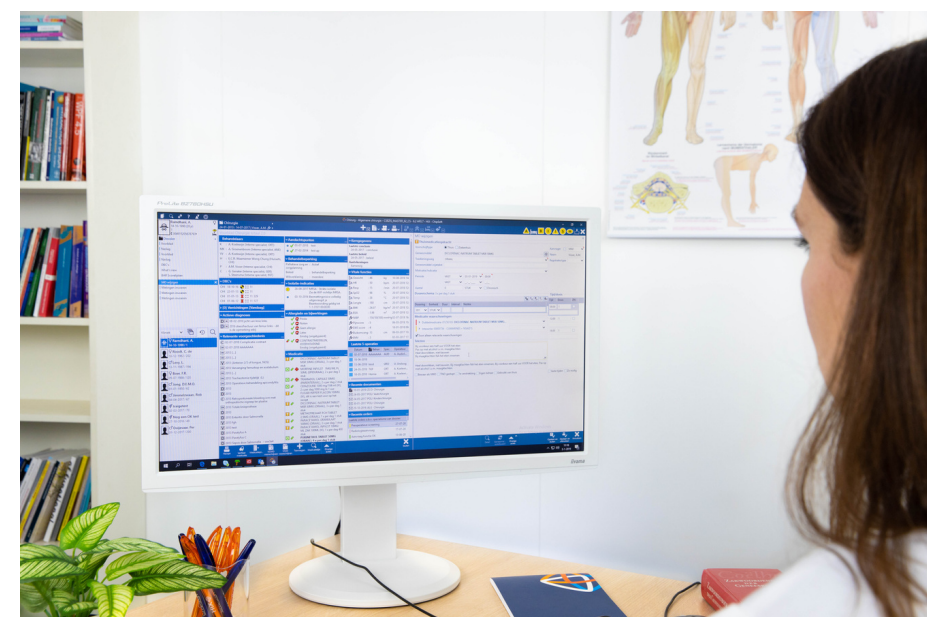
In the radiotherapy department, with increasing demand to work with complex systems and technology, there is also an increasing reliance on the smooth operations and uniform working methods of other professionals and colleagues for the radio oncologist's smooth workflow. But there are currently some unaddressed operational and working issues faced by the Erasmus radiotherapy department that attribute to inefficiencies, delays, and loss of patient status in the pre-treatment process. Hence there is a strong motivation to explore this space through the project, where there is currently a lack of solutions towards optimising and supporting the professionals in this stage of the process.

Design Goal

The design should support oncologists in the treatment planning phase by providing real-time patient status, assistance, and prioritization of tasks and administrative work in order to minimize disruptions and gain control over their workflow, such that oncologists can uphold their sense of accountability towards their patients, themselves, and the organizational expectations and alleviate their fear of losing the patient to the system.

Concept

the final design functions as an omnichannel solution, with the solution that extends across different mediums within the radiotherapy department. It can function as a stand-alone product as well as an extension for HiX, and both of these work in conjunction with each other to provide the professionals with a connected and cohesive solution. The task logging function is the third medium of this solution that works with a tangible product i.e the NFC task card. The technology works to automate the task-logging process in the ipad version of the solution.



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