

**Optimal treatment for patients with solid tumours  
in Europe through Artificial Intelligence**

# User personas & champions identified



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# 1. Abstract

This deliverable is related to the first task of WP5 in OPTIMA. In this task, we are establishing the list of user personas (UPs), or types of users, that are likely to use our platform. This is intended to be a continuous process throughout the lifetime of the project: this document is a snapshot at this moment of time. Here we are establishing our current view of the user interface characteristics, data that should and should not be available, tools that will be needed, and access rights for each UP.

We also mention our process to identify so called champion users for our UPs, who will help us test the platform and adapt according to the needs and wishes of the users, to maximize the usefulness of the platform for both healthcare professionals and patients.

# 2. Methods

We gathered the input from all WP5 members in listing the UPs that are likely to use the platform. For each UP, we listed the relevant characteristics, including the data that should and should not be available and the tools that would be needed. We then planned a 'wave' strategy to implement those UPs, together with WP4. Our hosting party HZDR has an established internal identification system with different user personas already implemented and that we will use to speed up this process as much as possible.

# 3. Results

The detailed results are available in the Excel sheet linked below. This document is aimed as a living repository of UPs we will create and their characteristics. We have currently identified the following list of UPs which will be implemented in four waves:

## **1<sup>st</sup> wave:**

- Administrators
- IT technicians (central or federated)
- Data controllers (federated)
- Data scientists / epidemiologists

## **2<sup>nd</sup> wave:**

- Primary care physicians (i.e., GP or personal doctor)
- Secondary / tertiary care physicians
- Cancer nurses
- Patients

## **3<sup>rd</sup> wave:**

- Clinical researchers / AI-aware physicians

## **4<sup>th</sup> wave:**

- External industry
- External academia
- Guidelines offices
- Governmental bodies
- General public

The first wave concerns all UPs around IT roles and will be the priority for implementation as they are needed to check and validate the platform functionality. The second wave will contain the different healthcare providers and the patients. We will create those user personas in the platform in parallel with the implementation of the platform in the clinical setting. The third wave is for clinician

users helping to develop the AI models and their presentation in the platform. We will work together with WP7 to implement and further develop this aspect. Finally, the fourth wave concerns the UP currently outside of the consortium, as an anticipation of the exploitation phase of the project. We will work with WP9 to further develop these aspects. Champion users for our UPs will also be further identified as a next step. These users will help us test the platform and adapt according to the needs and wishes of the users, to maximize the usefulness of the platform for both healthcare professionals and patients.

## 4. Discussion and Conclusion

We have developed a list of user personas by gathering input from all WP5 members. We believe the current document covers all types of users that would use our platform; however, we envision this list as a living document and we are willing to update the list if needed due to advancing insights. We however have not been able to identify champion users for all UPs. We do have a list of volunteers for some UPs of the first wave and we are in discussion with the implementation sites to identify users willing to participate in the other UPs. We believe that once we have moved further with the implementation of the platform in the testing sites (task 5.2 and D 5.2), we will be able to get a full list of champion users for the second wave identified. Moreover, once the first version of the platform is available (task 4.2, foreseen to be delivered in the coming months), we will also be able to recruit champion users for all other UPs.

## 5. Repository for primary data

The Excel sheet with the list of UPs and their details can be found in WP5's sharepoint folder:

[User personas - working document.xlsx](#)