



Trustworthy AI Tools for the Prediction of Obesity Related Vascular Diseases

HORIZON-HLTH-2022-STAYHLTH-01-04-TWO-STAGE

DELIVERABLE D7.6

CITIZEN APP FOCUS GROUP ACTIVITIES

Lead beneficiary	EIBIR
Author(s)	Katharina Krischak (EIBIR), Ancor Armas Martin (EIBIR), Arthur Sernee (BF)
Dissemination level	PU
Type	R
Delivery date	23 December 2024

AI-POD is funded by the European Union's Horizon Europe research and innovation programme under grant agreement No 101080302



**Funded by
the European Union**





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INTRODUCTION

In collaboration with WP4, WP7 carries out focus group activities to gather feedback on user ability and ensure the Citizen App meets the needs of its target audience. The focus group activities also serve to ensure continuous monitoring of the usage and adherence numbers. The primary goal of these activities is to evaluate the user experience of the AI-POD Citizen App to ensure it meets the needs of patients enrolled in the AI-POD study. Understanding patient feedback will help identify usability issues, measure user satisfaction, and gather actionable insights to enhance the app.

CITIZEN APP FOCUS GROUP ACTIVITIES

The aim of the focus group activities is to involve up to 10 app users to reflect on and assess the app's usability. This feedback will feed back into the WP4 activities regarding the app development and enhancement. To achieve this goal, a questionnaire has been set up and distributed to users directly via the app.

QUESTIONNAIRE

The questionnaire invites app users to share their experience with the AI-POD app so far. The questionnaire consists of pairs of contrasting attributes that may apply to the product. The circles between the attributes represent gradations between the opposites. Respondents can express their agreement with the attributes by ticking the circle that most closely reflects their impression. In detail, the questionnaire included the following pairs of attributes:

1. Obstructive – Supportive
2. Complicated – Easy
3. Inefficient – Efficient
4. Confusing – Clear
5. Boring – Exciting
6. Not interesting – Interesting
7. Conventional – Inventive
8. Usual – Cutting-edge

Each question allows for additional comments. The questionnaire concludes with an invitation to participate in further activities and to discuss the results in more detail. From the respondents to the questionnaire members of the focus group will be recruited and engaged in further activities.

In the app, the questionnaire appears as follows:

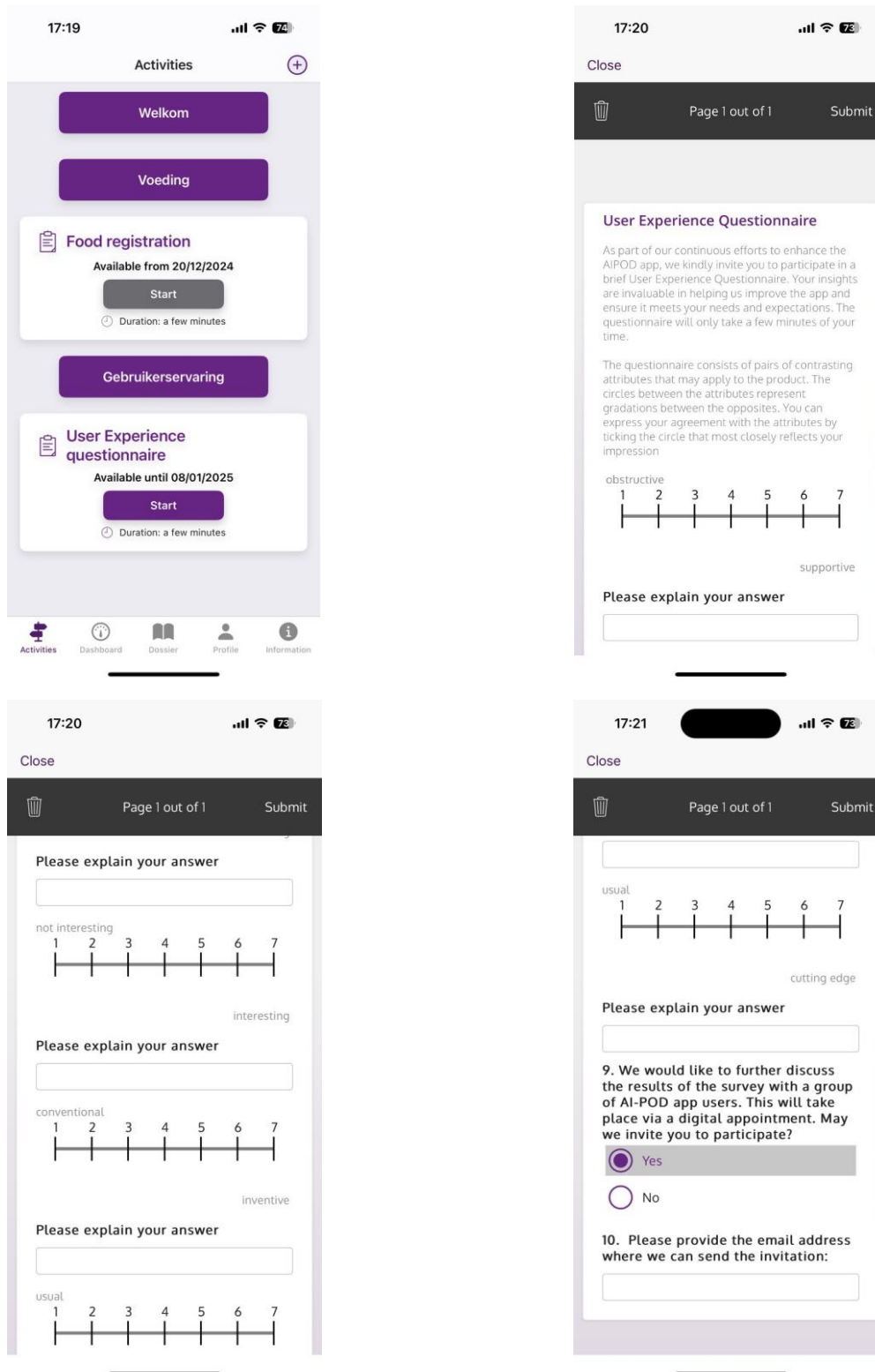


Fig. 1: Questionnaire in the AI-POD Citizen App

The questionnaire was made available in English and translated into the local languages of the clinical partners currently recruiting or about to start recruitment: Czech, Dutch, French, and German.

The inclusion of this questionnaire in the AI-POD Citizen App resulted in the need for some clinical partners to seek an amendment of their ethics approval. This has been achieved at all relevant clinical sites ahead of the distribution of the questionnaire.





IMPACT AND FOLLOW-UP ACTIVITIES

The questionnaire results gathered through the focus group activities will play a substantial role in shaping the ongoing development and refinement of the AI-POD Citizen App.

Insights derived from user feedback will help identify areas for improvement, validate existing design elements, and align the app more closely with the needs and expectations of its target audience. These results will be systematically analysed and shared with the development team (WP4), ensuring that the app's usability, functionality, and overall user experience are continually enhanced. Moreover, this iterative feedback loop will help establish a user-centric approach, fostering greater engagement and adherence among app users. Ultimately, these activities will contribute to the broader objectives of the AI-POD project by ensuring that the Citizen App is an effective, accessible, and trusted tool for managing obesity-related cardiovascular risks.

OUTCOMES AND CONCLUSIONS

Due to the delay of the start of the clinical study, currently only 20 patients have been equipped with the AI-POD app. The questionnaire has been posted in the app in November 2024. As a result, currently only one app user responded to the questionnaire.

Promotion of the questionnaire will continue, and it is expected that participation will significantly increase with the rise of the number of patients enrolled in the AI-POD study. This will yield enhanced results and strengthen these initial activities and efforts in setting the scene for focus group activities within AI-POD.

The results of the questionnaire will be analysed and shared with WP4 and reported in the next Periodic Report.

