Press Release

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TRAINING AND CERTIFICATION

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The **Certification, Training and alignment actions** is an activity included in WP6/T6.4 in the HosmartAI project.

During training and certification process the activities included description of the needs for the training and certification related to HosmartAI, creation of training materials, review performed by EFMI Accreditation and Certification Committee, EFMI AC2, designing assessment tests, review of questions by EFMI members, evaluation process, feedback from participants and awarding the certificates. The EFMI AC2 scope is "The promotion and monitoring of implementation of quality standards in Education across the Biomedical and Health Informatics community in Europe".

The results for the participants meant expanding their knowledge, gaining new skills, and raising professionalism in the currently new dynamic work environment. Certification is a credentialing process that demonstrates and honours qualifications that an individual can perform a specific professional role, or a set of tasks.

The certification program involved activities of training and evaluation that ended with a certificate that proves a medium level of skills and validates qualification in Health Informatics. For the 2 training sessions online and f2f we had an audience of 48 participants from the 23 partners.

Certification proved that participants are dedicated to their careers and are willing to invest time and effort into learning new things. For individuals, certification programs can provide a sense of accomplishment, completion, and pride and improve job prospects and earnings potential. For businesses,

certification programs can help ensure employees have the necessary skills and foundational knowledge to do their jobs correctly.

A step-wised approach consisting of three dimensions including the development of the training activities, the ongoing quality assurance of the educational process and the public health promotion results were be applied.

34 participants from 11 consortium partners applied for certification. The educational material was organized in 6 chapters with current important topics related to HosmartAI focus:

- Introduction to Biomedical and Health Informatics. Computing Concepts for Biomedicine and Health. Human-Computer Interaction.
- Electronic Health Records. Standards and Interoperability. Health Information Exchange (HIE). EHR System Selection and Implementation. Health Information Privacy and Security. Information Retrieval / Search
- Clinical Decision Support. Evidence-Based Medicine.
- Telemedicine and Telehealth (30 slides)
- Artificial Intelligence. Natural Language Processing.
- Ethical Issues in Health Informatics Safety, Quality, and Value

32 participants passed the certification with grades between a minimum of 30 and a maximum of 60. The results of the evaluation tests were presented to each participant, separately, ensuring privacy and anonymity. They were of type admit/reject.

The EFMI team prepared the Certification diploma that was handed to the successful participants present at the 8 Plenary, May 2024, in Lido di Venezia, during a special ceremony.

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