

**Esmeralda Eugenio**

Maputo

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**Selection Committee of ManagiDITH, Master's Program Department**

**Subject: Application for the Master's Program in Digital Transformation of Healthcare**

**Dear Members of the Selection Committee,**

It is with great enthusiasm that I submit my application for the Master's Program in Digital Transformation of Healthcare. As a general practitioner with over four years of experience and a strong background in digital health consulting, I believe this program is essential for deepening my knowledge and expanding my impact on strengthening Mozambique's healthcare system, my home country. Mozambique faces significant challenges, such as a shortage of qualified professionals, limited technological infrastructure, and the urgent need for continuous medical education. I believe that digital transformation can be a game-changer in improving our healthcare system.

My professional journey has been guided by a commitment to innovation and the improvement of healthcare services. I have worked as a consultant for the World Health Organization – Regional Office for Africa (WHO AFRO), developing Artificial Intelligence solutions applied to electronic health. In this context, I collaborated with multidisciplinary teams to adapt and implement innovative strategies that would allow the effective integration of AI into existing healthcare systems. Additionally, I played an active role in training healthcare professionals, serving as a facilitator and trainer for the WHO/PAHO/Tech-Change Digital Health course in Portuguese. I was responsible for translating course content and conducting interactive sessions that encouraged active participation from the learners.

I firmly believe that digital transformation in healthcare can be a decisive factor for countries like Mozambique, where the lack of specialized professionals and insufficient technological infrastructure hinder progress in the sector. My goal in joining this Master's program is to acquire the tools and knowledge necessary to develop innovative projects that positively impact the healthcare system. Specifically, I aim to work on implementing technologies that enable continuous education for healthcare professionals, beyond their initial training, ensuring ongoing and up-to-date learning.

I see Artificial Intelligence as a crucial ally in organizing and preserving medical records, especially for chronic patients, such as those with HIV, hypertension, and diabetes. Digitizing these processes can significantly reduce consultation wait times and optimize patient care, ultimately enhancing the quality of medical assistance. Furthermore, I believe that strengthening telemedicine can substantially improve the discussion of clinical cases between provinces, allowing for more efficient clinical support before referrals to specialized centers. This, in turn, can directly contribute to reducing mortality rates among critically ill patients by offering a more structured and preventive approach.

I am a creative, communicative, and proactive professional, with a strong sense of responsibility and enthusiasm for my work. I have an aptitude for learning new local languages, working under pressure in collaborative environments, and maintaining professional confidentiality—skills that I consider essential both in academic settings and in the digital transformation of healthcare.

I am highly motivated to be part of this program, as I believe it will be a pivotal step in my career, allowing me to consolidate my expertise in digital health and enhance my contribution to strengthening Mozambique's healthcare system. I sincerely appreciate the opportunity to submit my application and am available for interviews or further discussions as needed. I am confident that this Master's program will provide me with the necessary tools to make a positive impact on healthcare in Mozambique and beyond. I am excited about the possibility of joining this academic community and contributing with my experience and vision for the future of Digital Health.

**Sincerely,**  
**Esmeralda Eugenio**