

Zimam

Developing Careers
in Digital Health

@gccehealth

Rising Above & Beyond: The GCC Digital Health Workforce Development Taskforce (ZIMAM)

Dr. Osama Elhassan & Prof. Amr Jamal

Co-Founders & Board Members

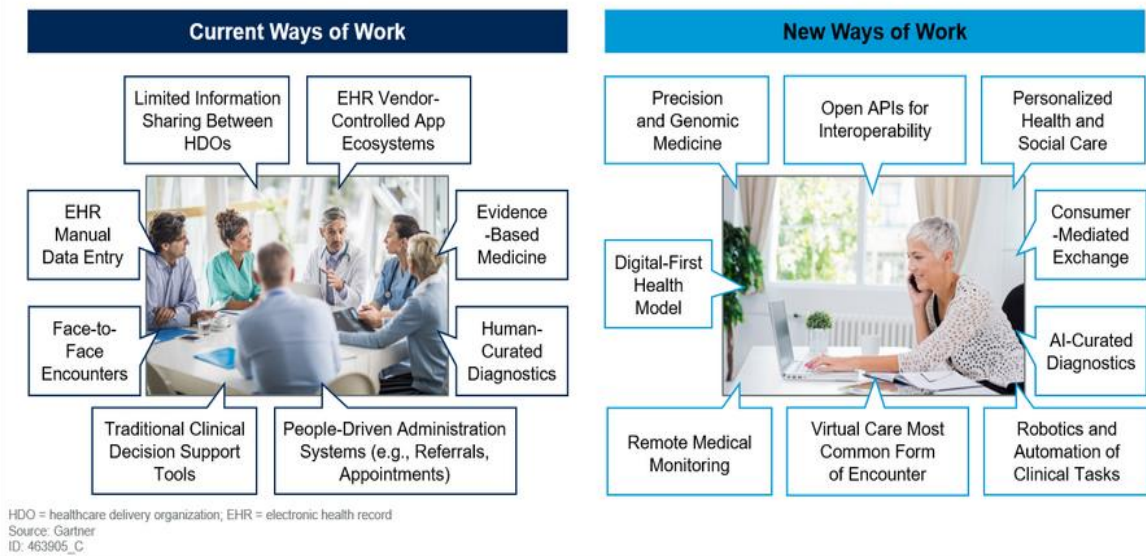
ZIMAM





DH Workforce Development is a Pressing Need

How Healthcare Without Walls Will Impact Workflow and Technology in the Next Decade



"By 2030, more than 80% of the clinical workforce will use workflows that incorporate digital medicine, artificial intelligence, automation and virtual care".

- Gartner Report.



ZIMAM's Vision & Mission

- Vision:
 - *A sustainable digital health ecosystem in which local digital health Workforce is empowered and taking the lead*
- Mission:
 - *Improve digital health skills and competencies of national human resources through the promotion of digital health as a profession, continuous training and competency-based career-path development*

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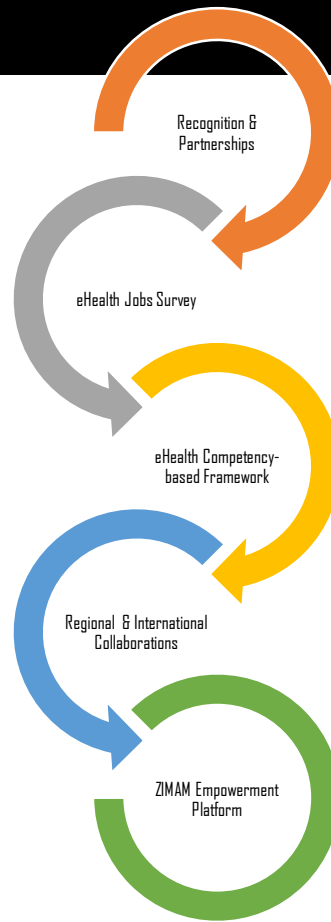


Digital Health Competencies



- ✓ Developed in 2019 in Collaboration with SCHC
- ✓ Builds on similar projects in Canada and US e.g. EU**US eHealth Workforce
- ✓ Need to be extended to other digital health disciplines e.g.:
 - ✓ HIM
 - ✓ RCM
 - ✓ Health Economics

1 Core Principles in Health Informatics	
1.1 Basic Theories and Concepts in Health Informatics	
1.2 Health Information Standards and Interoperability	
1.3 Health Information Systems	
1.4 Clinical Data Documentation and Management	
1.5 Legal, Ethical, and Social Aspects of Health Informatics	
2 Information and Communication Technology	
2.1 Basic Computer Literacy	
2.2 Basic Concepts and Components of Information Technology	
2.3 Systems Design and Testing	
2.4 Information System Security	
2.5 Support, Maintenance and Upgrade Process	
3 Health Sciences	
3.1 Basic Clinical/Medical Knowledge	
3.2 Medical Terminology	
3.3 Healthcare Systems	
3.4 Health-Related Policy and Regulations	
4 Health Data Analytics	
4.1 Quantitative Analysis	
4.2 Knowledge Management and Representation	
5 Education and Research	
5.1 Education	
5.2 Research	
6 Leadership and Management	
6.1 Project & Change Management	
6.2 Quality Management	
6.3 Strategic Planning	
6.4 Evaluation	



Recognition & Partnerships

eHealth Jobs Survey

eHealth Competency-based Framework

Regional & International Collaborations

ZIMAM Empowerment Platform

The Survey Advisory Team



Survey Technical Leader: Rachel Blake, CEO Omni Micro Systems/Omni



Dr. Abdulkarim Al Muhanna, Senior Consultant, Medical Informatics, KFHSRC, KSA



Prof. William Rudman, Executive Director of the Interpersonal Health Workforce Development Institute

The Survey's GCC Countries Ambassadors



Suliman Al Omran, KSU, KSA



Dr. Riyad Al Shammari, KSU, KSA



Dr. Dari Al Huwail, Kuwait University, Kuwait



Dr. Manal Al Alawi, MOH, Bahrain



Dr. Salim Al Salmi, Coding Institute, Oman



Dr. Osama Elhasan, EHIS, UAE



Dr. Mohamed Al Hafzi, KFMD, KSA

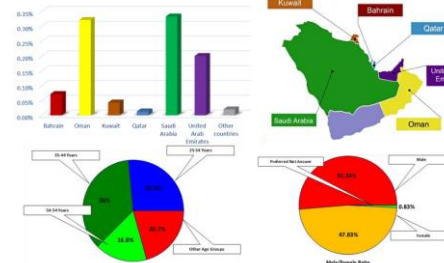
Sponsors



Technical Support



Survey Demographics: 600 responses



Qualification of participants in the survey

- In terms of responsibility for their education, most of the subset of healthcare worker respondents were either fully (48%) or partially (28%) financially responsible for their ongoing work-related education





ZIMAM's Digital Health Empowerment Platform



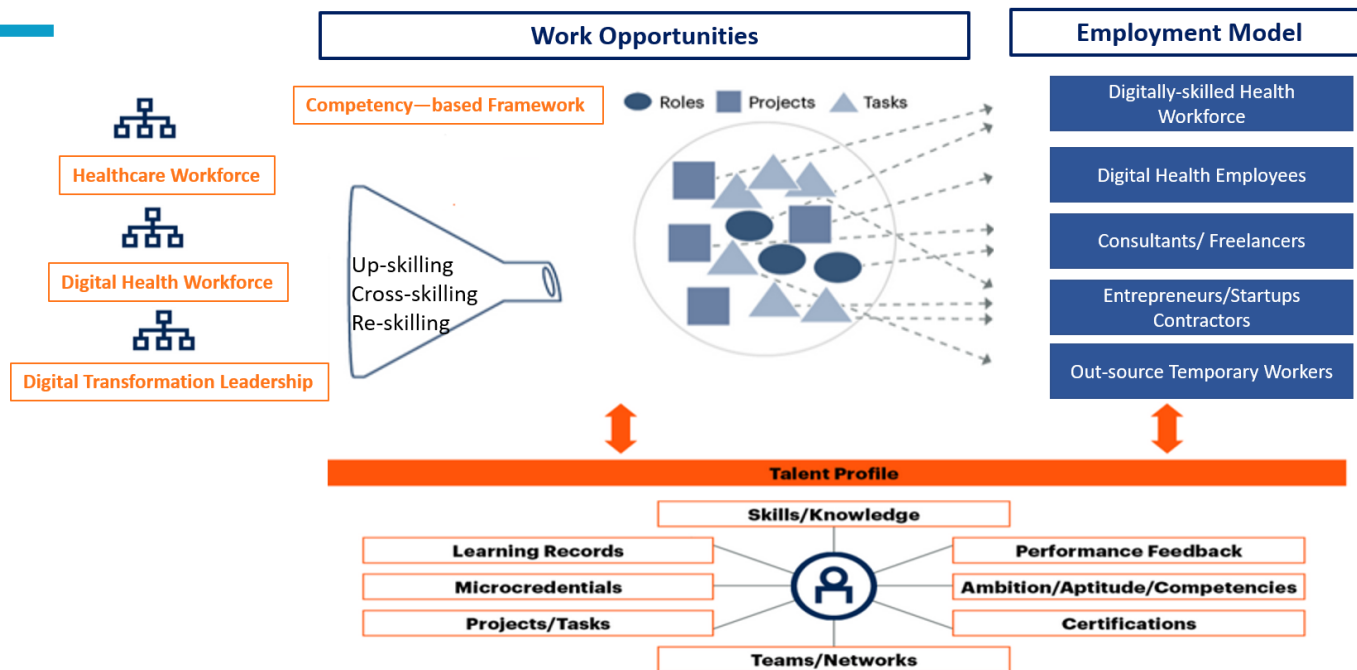
Stakeholders engagement through micro-credential-centric upskilling and cross-skilling

Bringing together organizations and individuals to harness the opportunities in health sector in topics such as HIM, Data Analytics, AI, Patient Privacy and Security.





The Blueprint of ZIMAM's Empowerment Platform





The Way Forward

- Leveraging ZIMAM to a full-fledged Geneva-based non-for-profit organization by end July 2023
- Officially engage in collaborations with relevant regional and international organizations

