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DigiHealth-Asia

# “Capacity Building for Digital Health Monitoring and Care Systems in Asia”

## Newsletter 4

October 04, 2023

The aim of the newsletter is to disseminate the project information and developments based on the communications and networking of partner universities of Europe and Asia.



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## The 4<sup>th</sup> DigiHealth Asia Plenary Meeting, 14 – 18 August 2023, Mongolia



The 4th DigiHealth Asia Plenary Meeting was successfully organized by the Mongolian National University of Medical Sciences (MNUMS) and the National University of Mongolia (NUM) as part of the Erasmus+ Project sponsored by the European Union. Under the leadership of DigiHealth Asia managers from MNUMS and NUM, Assoc. Prof. Ariuntuul Garidkhuu and Prof. Mend-Amar Majig from, the meeting occurred in Mongolia's capital city, Ulaanbaatar, from August 14 to 18, 2023.

Key project participants from European and Asian universities consortium gathered at this plenary meeting to discuss the project's current activities,

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progress, and challenges. Erasmus + DigiHealth-Asia "Capacity Building for Digital Health Monitoring & Care Systems in Asia"



On the first day of the meeting the DigiHealth Project participants were welcomed by the current President of MNUMS Prof. Damdindorj Boldbaatar and followed by the official visit of NUM President, Professor D. Badarch. During the official meeting the project updated by the main coordinator, University of Gent, Belgium Prof. Ingrid Moerman and Prof. Adnan Shahid.



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In addition, the partnership members discussed the operational aspects of the project, specifically focusing on the pilot cases and curriculum development in “AI in healthcare” carried out by Asian universities participating in the effort.



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During the event, healthcare practitioners and professionals emphasized their desire and need for interdisciplinary collaboration and project implementation. An example of this is the significant focus on utilizing artificial intelligence to address hearing and speech difficulties in Mongolian children who have received cochlear implants as a result of congenital deafness. In addition, researchers from France, Thailand, Japan, Korea, and Mongolia presented their research findings. The symposium also showcased the DigiHealth Asia Project Pilot Case and the ongoing outcome of curriculum development related to "AI in healthcare" at the MNUMS and NUM.



The event used the expertise of artificial intelligence and information technology specialists from the advising European University, University of Lumiere Lyon 2, France as part of the DigiHealth Asia Erasmus + project. In summary, it made a significant and beneficial impact on the progress of knowledge and cooperation in the field of artificial intelligence in the healthcare sector in Mongolia.

## What we have completed:

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In April 2023, the advisory and research team members from DISP LAB, IUT Lumiere, University of France, "Lumiere Lyon 2," visited Mongolia. During their stay, Prof. Giacomo Kahn, PhD candidate Randa Bendjeddeou, and Doctor Lijuan collaborated with the project team from MNUMS and NUM, providing training and engaging in research activities for the Pilot Case 3.



Further details about the pilot cases are available at:

<https://digihealth-asia.eu/index.php/pilot-cases/>

And details about the related specialized courses are available at:

<https://digihealth-asia.eu/index.php/specialized-courses/>

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## Partnership success stories in a photo glance:



### Dissemination:

Visit of the DigiHealth Asia partners to the Delegation of the European Union to Mongolian in Ulaanbaatar, Mongolia.

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## DigiHealth - Asia Member List

### **1. University of Ghent, Belgium (coordinator)**

Ingrid Moerman

Adnan Shahid

Timo De Waele

### **2. University of Northumbria at Newcastle, UK**

Nauman Aslam

### **3. University of Huddersfield, UK**

Qasim Zeeshan Ahmed

### **4. Lumière University Lyon 2, France**

Aicha Sekhari

Giacomo Kahn

### **5. Capital University of Science and Technology, Pakistan**

Amir Qayyum

Marriam Bakhtiar

Ayesha Aftab

Fahim Shahzad

### **6. National University of Science and Technology, Pakistan**

Rafia Mumtaz

Syed Ali Hassan

### **7. Chiang Mai University, Thailand**

Pradorn Sureephong

Suepphong Chernbumroong

Suwit Wongsila

### **8. Mae Fah Luang University, Thailand**

Punnarumol Temdee

Worasak Rueangsirarak

Surapong Uttama

### **9. Mongolian National University of Medical Sciences, Mongolia**

Ariuntuul Garidkhuu

Amarsaikhan Bazar

Tselmuun Chinzorig

Khongorzul Samdankhuu

Bat-Erdene Myagmar

### **10. National University of Mongolia, Mongolia**

Mend-Amar Majig

Oyun-Erdene Namsrai

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