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DigiHealth-Asia

"Capacity Building for Digital Health Monitoring and Care Systems in Asia"

Newsletter 7

May 2024

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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Quality Assurance Team meeting

Date: 6 to 10 May 2024
Location: Pattaya, Thailand
Participants:
- University of Ghent (UGent), Belgium (coordinator),
- University of Northumbria at Newcastle (UNN), United Kingdom
- University of Huddersfield (UoH), United Kingdom
- Capital University of Science and Technology (CUST), Pakistan
- National University of Sciences and Technology (NUST), Pakistan
- Chiang Mai University (CMU), Thailand
- Mae Fah Luang University (MFU), Thailand
- Mongolian National University of Medical Sciences (MNUMS), Mongolia (online)
- National University of Mongolia, Mongolia

Greetings from the beautiful city of Bangkok, Thailand! We are excited to share the highlights and key takeaways from our recent Quality Assurance Team (QAT) meeting held from May 6th to May 10th. The Meeting aims to bring together experts from across Asia to discuss and share innovations and best practices in the field of digital health. This gathering brought together participants from various universities and institutions across Asia, both in-person and virtually. We discussed project updates, conducted pilot case dry runs, shared research findings, and outlined future plans for quality assurance in our projects.

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Day 1 – 6th May

Morning Session:

Project Update by UGent:

The meeting kicked off with an update on submitted deliverables, planning for upcoming tasks, and scheduling future meetings.

Pilot Case 1 Dry Runs:

NUST and CUST led the first session with a dry run of their pilot cases, focusing on device completion, data capture, and model generalization. The discussions covered topics such as data splitting, noise removal, and potential publications.

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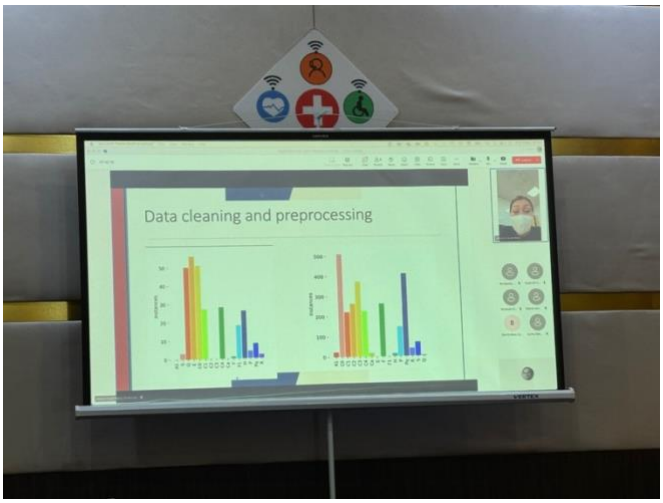
Day 1 – 6th May

Afternoon Session:

Pilot Case 2 Dry Runs

CMU and MFU presented their pilot cases, emphasizing facial recognition, system personalization, and model performance improvements.



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During the meeting, participants were not only engaging in insightful presentations and discussions but also share their ideas both onsite and online, fostering a collaborative and inclusive environment.

Day 2 – 7th May

Morning Session:

Pilot Case 3 Research

NUM, MNUMS, and ULL discussed their research on liver cancer monitoring and a joint master's program. The session highlighted the need for additional data collection and addressing class imbalance issues.

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Day 2 – 7th May

Afternoon Session:

Kirkpatrick Model Discussion

CMU introduced the Kirkpatrick model forms for gathering student statistics. All Asian partners were tasked with collecting and compiling data for course accreditation deliverables. Additionally, participants also share their suggestions on using the model to evaluate the results from various dimensions.

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Day 2 – 7th May

Evening Event:

The day concluded with a delightful dinner , fostering networking and collaboration among participants.

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Day 3 – 8th May

Morning Session:

General DigiHealth-Asia Paper: UGent led a discussion on the general paper outline, focusing on use cases, data acquisition, model training, and operational hurdles. Contributions from various partners were planned for a comprehensive paper.

Afternoon Session:

Financial Matters and Project Sustainability: ULL and CMU discussed financial proof requirements and sustainability strategies. NUST, CUST, and other partners shared their visions for future collaborations, research themes, and funding opportunities.

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Day 4 – 9th May

Technical Field Trip:

Visiting Gistda, our participants visited Gistda, Thailand's Geo-Informatics and Space Technology Development Agency, to explore future challenges and collaboration in this region.

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Day 5 – 10th May

Technical Field Trip:

Visiting Kubota, a Thai machinery industry cooperation, which is Thailand's leading agriculture machinery company to explore intelligence equipment and farming technologies. We learned a lot about their innovative and efficient technologies.

In conclusion:

All participants have their valuable contributions and collaborative spirit. And we are looking forward to our continued work together and the successful realization of our project goals.

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