**Project Title**: Knowledge & Education Exchange Platform (KEEP)

**Leading Institution**: The Chinese University of Hong Kong

**Participating Institution(s)**: City University of Hong Kong, Hong Kong Baptist University, Lingnan University, The Education University of Hong Kong, The Hong Kong Polytechnic University, The Hong Kong University of Science and Technology

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The higher education sector has been faced with the growing need to integrate technology in teaching and learning. While much has been accomplished in recent years, educators have also encountered some major challenges that hinder further development. The proposal represents the commitment of The Chinese University of Hong Kong (CUHK) in conjunction with all partner institutions in making use of technology to achieve great changes in teaching and learning in the higher education sector. The vision of the project is to build a centralized and one-stop Knowledge and Education Exchange Platform (KEEP) education cloud, such that all the education resources, particularly those developed by local educators (e.g., contents, courses, materials, tools, etc.) can be easily showcased, shared, searched, and made accessible to target users through KEEP. We aspire to embrace innovative paradigms in teaching and learning, cultivate community of practices for educators, help learners establish virtual communities of learning, mine and analyze learning data to strengthen research-teaching nexus and promote scholarship of teaching and learning. The objectives of KEEP are to empower educators and students by (1) integrating heterogeneous education systems, services, and resources through the development of common standards and protocols; (2) providing personal education and collaboration portal as the one-stop site for sharing and accessing all resources and services; (3) facilitating innovative education applications and new paradigms, with user-friendly function module development toolkit, powerful big data mining engine, and flexible infrastructure for hosting learning platforms in an educational cloud with a wide variety of services and capabilities. The educational cloud will provide the
cutting-edge technology to every educator and student to improve teaching and learning.