

Appendix:

The 11 EdUHK-HKSTP 'Co-Ideation' Winning Teams (2023/24) (In alphabetical order)

AI Buddy for Learning Futures

AI Buddy for Learning Futures' vision is to develop social robots that act as interactive learning companions. The innovative approach has led the team to design a social robot specifically tailored for early childhood English education. Looking ahead, the team plans to broaden their applications to address the needs of different age groups. Ultimately, their goal is to provide cost-effective robotic solutions, thereby fostering lifelong learning and quality of life.

DzogClear

DzogClear is poised to serve the Special Educational Needs (SEN) population by offering a range of original design products, including Community of Practice, AI Headband, and AI-based digital game equipment. These innovative solutions are built upon the principles of mindful movement therapy. With a vision that extends beyond Hong Kong, DzogClear aims to bring benefits to the SEN population in the GBA, Asia, and beyond.

EduAssess Solutions

EduAssess Solutions empowers K-12 schools (Secondary schools) with technology-driven assessment solutions, comprehensive analysis report and improvement strategies by academics to enhance student learning outcomes, facilitate personalised education, and contribute to lifelong learning. Simultaneously, reducing the heavy workload of educators in Hong Kong by streamlining assessments, automating grading, and providing instant feedback through technology to promote efficient evaluation and tailored instruction.

FARM W

Agricultural industry is facing many significant challenges, including food security, labor shortages, reductions in soil fertility due to poor land management, unpredictable variability in the climate, and the growing need to implement more sustainable practices. FARM W is a cross-sector partnership, district-based approach and synergy among social enterprises for providing different types of IOT agricultural solutions for the agricultural industry, local farms, urban farming households and corporations.

Focus Tech

Focus Tech specializes in AI technologies, utilizing advanced computer vision algorithms in healthcare and education. Their mission is to provide personalized experiences through innovative solutions and technology commercialization. Focus Tech offers comprehensive solutions by using integrating big data analytics, high-precision diagnostic instruments, and assistive technologies. The team at Focus Tech is dedicated to making a lasting impact through expertise and forward-thinking approaches.

InnoFuture Lab

InnoFuture Lab aims to elicit children's curiosity wherever they go by using data from users' mobility patterns and learning preferences. Their unique solution is a contextual learning AI platform that generates relevant experiential learning content and sustainable education for students. InnoFuture Lab aspires to cultivate the next generation of changemakers.

Iris's Palette

Iris's Palette is a game software based on art therapy theory, which uses AI technology to analyse users' mental health status and help schools and organizations to prevent emotional problems among teenagers. Iris's Palette is made up of members with expertise in art therapy and data analysis.

JSBM

JSMB is an online academy to address the shortage of qualified music teachers in Hong Kong's kindergartens, offering an engaging curriculum based on the Colourstrings method. With the interactive platform, kindergartens can provide quality music education regardless of location or resources, while the scalability allows for long-term growth and potential partnerships.

SporTEA²M

SporTEA²M combines sports, artificial intelligence, and STEAM education to provide avant-garde STEAM sports courses, revolutionizing sports education. The team has established initial collaborations with local primary and secondary schools in Hong Kong to conduct curriculum research aimed at cultivating the STEAM mindset of students and sports educators while simultaneously advancing the development of sports education in Hong Kong and the Greater Bay Area through professional and scientific research in sports.

YoSTEM-GPT!

YoSTEM-GPT! Team, with over 20 years of success in science, math education, and educational technology, envisions advancing research-backed generative AI-integrated pedagogies. Their multi-user, multi-LLM, and text-to-scientific-diagram YoSTEM-GPT! platform enhances personalized and collaborative science and math learning, making it more engaging and fun!

24/7 MENTALUP

24/7 MENTALUP is a One-Stop Online Mental Health Platform, leading emotional support and becoming the preferred solution for individuals who are facing emotional challenges. AI-driven psychological counselling has become the trend in the platform, it provides AI Counsellor Chat, assess mental health conditions and Online/Offline Mental Health programs.