學生用專業回饋社會
架網站關懷社會議題

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台灣正面臨少子化及高齡化的嚴峻問題，本校資工系學生運用專業回應高齡及安寧療護議題。本校服務學習中心、資工系與台大新竹醫院、社團法人中華民國誠馨照顧協會合作，共同開發相關衛教資訊網，透過分析使用者需求、規劃網站內容，為台灣長期照護與安寧療護等社會議題多盡一份心力、關懷。

根據國發會推估，2025 年台灣就會進入超高齡社會，2034 年全國一半以上人口都將是中高齡者。人口高齡化造成長照、居家照護、安寧療護的需求人數與日俱增，如何導入科技協助更有效運用醫療資源，已成為未來各方積極發展的重點。

本校服務學習中心許維蓉小姐指出，2016 年起服務學習中心團隊與資工系林正中教授規畫服務學習課程，發揮資工系專業，協助台大新竹醫院架設網站，推廣安寧療護資訊。2019 年在校友牽線下，與社團法人中華民國誠馨照顧協會合作，服務學習課程新增長照組，並由資工系人機介面專家張永儒教授帶領課程，深入分析使用者需求，架設推廣長照網站。

資工系修課學生張嘉誠指出，動手設計長照衛教資訊網前，會先了解服務所蘊含的精神，因此在課程中不只學到如何架設網站，更藉由醫護及長照從業人員的分享，認識失智症照護的各個面向，讓他感到這是非常有意義的事。

學生游承翰也分享，當初以為服務內容是到長照機構陪伴長輩，但後來才知道是幫忙建置網站增加曝光度，使大眾更關注長照議題。他認為長照已是全世界不可忽視的議題，能多一份關心就是多一份助力。學生林鴻廷也補充，藉由課程，他更加了解長照 2.0 推行狀況，以後如果身邊的人有需要，就能提供協助。

長期照護與安寧療護絕不是中、老年人才需要面對的問題，年輕人越早認識相關議題，越能及早準備，學校與醫療、長照機構合作即是學子們絕佳的學習場域。藉由這項服務本校師生走出校園，深化大學與社會的連結，未來將繼續帶領學生運用專業知能服務社會。

CS Students Establishing Long-Term Care Websites to Give back to the Society

Due to the issues of low birth rate and aging society in Taiwan, students of the Department of Computer Science (CS) at National Yang Ming University make efforts by applying knowledge into actual practices. To contribute to long-term care and hospice care, they worked together with the university's Service-Learning Center, Hsin-Chu Branch of National Taiwan University Hospital, and Cheng Shin Adult Daycare Center to develop a health education information network by analyzing user needs and planning content for the website. According to National Development Council, Taiwan is estimated to become a super-aged society by 2025, and half of the population will be middle-aged adults by 2034. There is an urgent need for recruiting employees in long-term care, home care, and hospice care. Therefore, how will technology be incorporated effectively in medical resources has become critical in nation's healthcare development.

Wei-Jung Hsu from the Service-Learning Center recalled that their team started working with Dr. Cheng-Chung Lin of the CS department to set up a website for Hsin-Chu Branch of National Taiwan University Hospital to promote hospice care education. Starting from 2019, introduced by an alumni of the CS department, students started collaborating with Cheng Shin Adult Daycare Center. Additionally, the long-term care group has officially added to the options in the service learning course. Throughout the course, Dr. Yung-Ju Chang, a professor expertized in Human-Computer Interaction of the CS department also guided students to analyze user needs and set up a website to promote long-term care education.

Overall students gave positive feedback to this collaboration project course. Chia-Cheng Chang, indicated that he found it very meaningful to learn not only the knowledge to design websites but also to learn the meaning of servicing and the fundamental concepts about taking care of dementia patients. Cheng-Han Yu, after participating in the course said that the issue of long-term care should be well-considered and not be neglected by the public. In the beginning he thought it was about accompanying elders, but soon he realized it was about establishing a website to raise the public's awareness about long-term care issues. Hung-Ting Lin, another student who also joined the course mentioned that he was able to gain more understanding about the current situation of Long-Term Care Plan 2.0 in Taiwan. In the future, he will be able to provide more information to others if necessary.

Overall, the issues of long-term care and hospice care should be fully understood across different generations, from young to old. It is better to start preparing at an earlier stage, hence students can learn by doing some collaboration projects with healthcare and long-term care institutions. Stepping out the campus to connect and serve in the society, professors and students of the CS department devoted their knowledge into practices in real life.