

國際黑客松高手雲集

院生團隊展創意奪冠

文／翁健棋

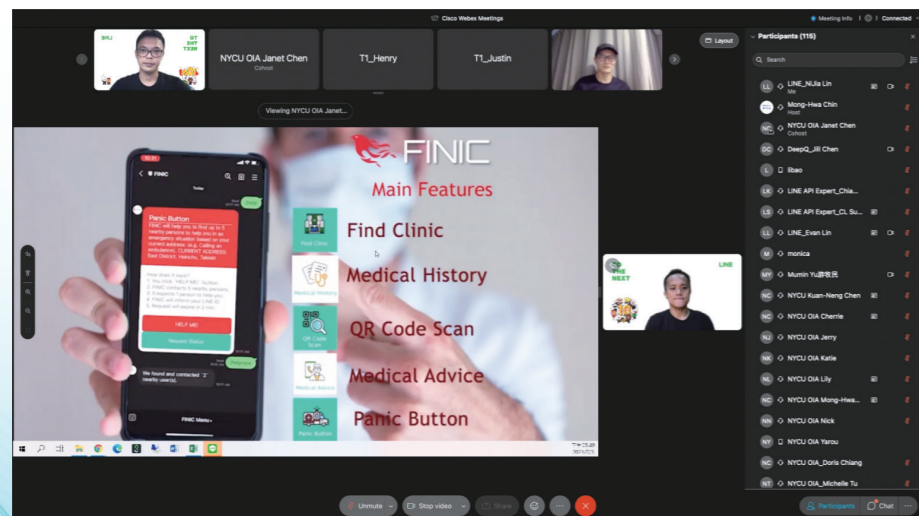
本校於近日初次舉辦融合國內與國際學生，活動過程全英文的國際黑客松創意競賽，吸引海地、印尼、印度、越南、聖露西亞、泰國、巴基斯坦、烏克蘭、俄羅斯、南韓、大陸、香港等地的選手，以及來自陽明交大、台大、清大、台科大、師大、政大、中央等校的學生報名參加。在參賽者超過百人的激烈競爭下，本院電機資訊國際學位學程、資訊工程學系以及中央大學企管所的顏狩崙 (Albert Budi Christian)、安費布 (Muhammad Febrian Ardiansyah)、沈迪恩 (Steven Jonathan)、潘建理 (Felix Liawi)、怡拉尼 (Irfandi Djailani) 五人組成的 Finic 團隊，以一款健康照護服務成品拿下首獎，除獲冠軍殊榮外，未來還有機會前往 LINE 公司實習並具備優先聘用權。

此次國際黑客松創意競賽與 LINE 及 DeepQ 兩企業共同協辦，目標希望能將學生的創意與企業接軌，創造價值的同時造福社會。同時，本活動亦獲得台達電、美光、以及交大思源基金會熱情贊助，其中思源基金會特別設立「思源基金會創意特別獎」3 名，提供獎金獎勵前三名以外大膽創新的參賽隊伍，以呼應校友們勇敢創新創業的特質。本次競賽內容亦與社會趨勢和科技做結合，希望參賽者透過 LINE 所提供的聊天機器人 Chatbot，結合 Open Data 在數位轉型、健康醫療等主題上進行創意發想。儘管受到疫情影響，活動只能以線上形式進行，然而眾參賽者的創意和熱忱仍不減，人人皆絞盡腦汁，各展所長，希望能在時限內完成作品，完整地將創意構想具體呈現予評審並獲得肯定。

歷經長達四十小時的競賽馬拉松，本院院生

所屬的 Finic 團隊以一款類似疾管家的 LINE 健康照護服務脫穎而出，獲得評審青睞榮獲冠軍。團隊所設計的這款服務功能包括：鄰近醫院搜尋、就醫紀錄追蹤、QR Code 掃描、線上醫療諮詢、以及 Panic Button 緊急按鈕。其中 Panic Button 更與手機定位做結合，能夠快速搜尋鄰近的 LINE 使用者提供即時求援，有效克服撥打 119 報案電話時因語言不通，錯失黃金救援時間之困境，真可謂「台灣最美的風景是人」一句之最佳實踐。此項服務不單簡化了繁雜的健康照護程序，一條龍式的整合搭配「以人為本」的設計理念更凸顯科技始終來自於人性，人機互動密不可分的關係。最終評審給予 Finic 團隊的評語為：「清楚的定義情境跟故事並整合許多 APIs、System design 也在短時間內清楚呈現出來。」以紮實的技術為基礎，搭配能彰顯台灣民眾熱心助人特質別出心裁的功能規劃，正是 Finic 團隊能勇奪第一名的關鍵。

根據協辦單位 DeepQ 使用經驗經理陳韻如所述，能解決人類真正問題的設計需自探索使用者需求出發，此次競賽以分享工作坊的方式帶領學生們從實際用戶個案找尋問題、發想解決方案，過程中學生們展現的小組團隊合作、快速組織與提出解決方案等能力皆著實令人驚嘆。LINE 台灣研發工程團隊亦表示，能透過產學合作的過程與學生交流互動，進行創意發想激盪，藉此找到優秀的工作夥伴，可謂一舉數得。為期數日的國際黑客松創意競賽不僅落實產學合作之目標，更提供學界與業界橋接之管道，引領學子進入職場的同時，再次打破學校單為知識殿堂之框架。也再次恭喜於本次競賽榮獲佳績的 Finic 團隊！



CS Team Won First Prize from International Hackathon

National Yang Ming Chiao Tung University (NYCU) held the international Hackathon for the first time recently for domestic and international students. Students from around the world including Haiti, Indonesia, India, and other countries and different schools such as National Yang Ming Chiao Tung University, National Taiwan University, and National Tsing Hua University signed up and participated in the contest. A team called "Finic", consisting of 5 members including Albert Budi Christian, Muhammad Febrian Ardiansyah, Steven Jonathan, Felix Liawi, and Irfandi Djailani from the Electrical Engineering and Computer Science, the Department of Computer Science, and the Department of Business Administration at National Yang Ming Chiao Tung University and National Central University won first prize from this fierce contest with a health care service project.

The international Hackathon, held by LINE and DeepQ Technology Corporations, aimed to brainstorm students' innovative ideas with business industries to create value for society. The event was also sponsored by Delta Electronics, Inc., Micron Technology, and Spring Foundation of NCTU. Among the sponsors, Spring Foundation of NCTU particularly established a special award for innovation for the top 3 winning teams to encourage students' creativity abilities for business start-ups. To meet the needs for the social development trends with technology, contestants were encouraged to use Line chatbot and Open Data to conduct projects in areas of Digital Transformation and Health-Care Systems. Although the event switched to online due to the Covid-19 pandemic, everyone still took this contest seriously by trying to complete the projects on time with their best efforts to win judges' hearts.

After the long 40 hours, Finic won the contest with a health care service project, which was similar to the mobile application of Taiwan Centers for Disease Control. The service includes a hospital finder, medical

record, QR code scan, online healthcare consultation services, and Panic Button for emergency service. Especially, the function of Panic Button can be used with cell phone position tracking systems to search for help among LINE users. It can solve the problem if patients cannot speak on the phone when dialing 119 during the golden hour in an emergency. This helpful and thoughtful service also corresponds to the quote, "the most beautiful scenery in Taiwan is people. There are many advantages of using this service. First, it simplifies and shortens the procedure of health services. Second, it has a one-way service that is convenient for everyone. Finally, it is based on the needs of local citizens, which echoes the famous slogan "technology is derived from humanity." The comment team Finic received from the judges was "they were able to define the contexts and stories clearly. Also, APIS and System Design were presented in detail within the time limit in their project." Overall, Finic aimed to provide helpful service to people, with their solid foundation and skills, it was the key to win first prize.

Yun-Ju Chun, the UX manager of DeepQ Corporation said the products on the market are usually based on users' needs to solve the problems. During this contest, she offered a workshop to guide students to find questions and come up with solutions through different real cases. She was very impressed with students' performances such as collaborating to come up with great ideas in a short time. Furthermore, the research and development team of LINE Corporation indicated that it was great to be able to work together with those students in the contest. By exchanging innovative ideas together, they thought it was also a fantastic way to find future work partners. Overall, International Hackathon provided an opportunity for Industry-Academy Cooperation. While introducing industries to students, it also provided students with actual skills outside of class. Well done and congratulations to Finic!

