Hong Kong ICT Awards 2014 香港資訊及通訊科技獎

Best Digital Inclusion Award
最佳數碼共融獎

Organiser
主辦機構
HKCSS 社聯

Steered by Office of the Government Chief Information Officer,
The Government of the Hong Kong Special Administrative Region

Contents
目錄

Best Digital Inclusion Award

HONG KONG
ICT AWARDS
2014 香港資訊及
通訊科技獎

Background and Objective

The Hong Kong ICT Awards aims to recognise and promote outstanding ICT inventions and applications, thereby encouraging innovation and excellence among Hong Kong's ICT talents and enterprises in their constant pursuit for creative and better solutions to meet business and social needs.

The Hong Kong ICT Awards was established in 2006 with the collaborative efforts of the industry, academia and the Government. Steered by the Office of the Government Chief Information Officer, supported by Hong Kong Productivity Council and Hong Kong Trade Development Council and organised by 10 Hong Kong ICT industry associations and professional bodies, the Awards aims at building a locally espoused and internationally acclaimed brand of ICT awards.

2014

The Hong Kong ICT Awards 2014 comprises ten categories, including Best Business Solution Award, Best Digital Entertainment Award, Best Digital Inclusion Award, Best Green ICT Award, Best ICT Startup Award, Best Innovation Award, Best Lifestyle Award, Best Mobile Apps Award, Best SME ICT Award and Best Student Invention Award. There is one Grand Award in each category, and an "Award of the Year" is selected from the ten Grand Awards by the Grand Judging Panel.

Aiming at helping the disadvantaged group to catch up with the information society development, different sectors have been conducting and developing a range of products, software applications and services. In addition, many disadvantaged individuals had overcome their limitations and actively integrated themselves into the information society. These outstanding individuals are exemplars for promoting digital inclusion. In this connection, the category of "Best Digital Inclusion Award" is set up so as to acknowledge the contribution of these projects and individuals in promoting digital inclusion and building a just and caring information society.

In addition, according to the newly adopted definition of "Digital Inclusion" by the Digital Inclusion Task Force, healthy and ethical use of ICT has been included into the scope of digital inclusion. Building a just and caring information society requires not only efforts in bridging digital divide, but also the drive to promote proper and healthy use of ICT. Hence, the "Best Digital Inclusion Award" will also recognise projects that promote positive use of ICT.

Message from Chairman of Organising Committee

社聯
HKCSS

Mr. CHUA Hoi Wai,
Chief Executive of The Hong Kong Council of Social Service

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The household broadband and smartphone penetration rates in Hong Kong have reached 83% and 87% respectively and are among the highest in the world. However, certain disadvantaged communities such as senior citizens and people with disabilities could not enjoy the benefits of information and communication technology (ICT). On the contrary, the disparity on use of ICT between these disadvantaged groups and the mainstream society widens as technology advances rapidly. This huge digital divide creates social segregation and unequal opportunity, which directly affect the quality of living and healthy development of disadvantaged individuals.

Over the years, The Hong Kong Council of Social Service has worked together with different sectors to narrow this digital divide and promote digital inclusion. Various activities, products and applications were designed and developed to promote the adoption of ICT by the disadvantaged groups, as well as to advocate for healthy and positive use of ICT.

We are honored to have organised the Best Digital Inclusion Award in past eight years with tremendous support from our partners and the community. Through the Award, we aim at recognising those efforts in bridging the digital divide and in motivating the disadvantaged groups to participate and contribute to the development of the information society.

83%
87%

( )

Message from Chairman of Final Judging Panel

Mr. MA Kam-wa, Timothy, JP
Executive Director, Project Flame, The City University of Hong Kong

Every year, the Best Digital Inclusion Award Presentations always offer insightful wisdom and iconic attraction to the judges. No matter for the tools to include the people with disability (PWD), or the apps for enriching their social life, or even ICT curriculum design for Chinese reading; all make the judges appreciate their efforts.

The most remarkable observation is that the participants are having good team work, processing the pilot and trial in a very cautious way with a common ultimate goal - enabling the social inclusion of the particular groups into the society.

The solid experience, and in-depth understanding on the needs and challenges faced by the selected target groups, indicated the entrants' effort and commitment in working out innovative solutions to help and foster support to those in need. Their concern also extends to young kids of minority group by offering platform that facilitate non-Chinese students to learn Chinese, pre-writing training for children with special needs, etc. All these efforts had proven that the quality of life of different disadvantaged groups could be improved by the use of ICT.

No matter winning the competition or not, we sincerely wish the entrants continuous efforts in making these apps and tools can contribute to the ultimate goal of social inclusion.

2014

Chairman
(The fourth from left   )

Mr. MA Kam-wa, Timothy , JP   Executive Director, Project Flame, The City University of Hong Kong

,

Members
(From left   )

Prof. WONG Yu-cheung   Associate Professor, Department of Social Work, Chinese University of Hong Kong

Dr. Edith MOK   Distinguished Fellow, Hong Kong Computer Society

Mr. Dominic TONG   Former General Manager, IBM China/Hong Kong Limited

Ms. Christine FANG, BBS, JP   Former Chief Executive, The Hong Kong Council of Social Service
, BBS,

Mrs.CHU Yeung Pak-yu, Patricia, BBS, JP   Chairperson, Consortium of Institutes on Family in the Asian Region;
, BBS,   Chairman, Academy of Family Therapy

Dr. Frank TONG   Director, Research and Technology Development, Hong Kong R&D Centre for
Logistics and Supply Chain Management Enabling Technologies

Introduction of Organiser
主辦機構簡介

香港社會服務聯會
The Hong Kong Council of Social Service

The Hong Kong Council of Social Service (HKCSS) works to promote a just and inclusive society by promoting collaborative efforts among NGOs in service planning and development, facilitating cross-sectoral partnership, advocating equality, justice, social integration and a caring community. The Council has now become an umbrella organisation of over 400 Agency Members, that provide over 90% of the social welfare services for those in need through 3,000 service units all over Hong Kong.

( )

400

3,000

Enquiry
查詢

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Best Digital Inclusion Grand Award and
Best Digital Inclusion (Product / Application) Gold Award
最佳數碼共融大獎 及
最佳數碼共融(產品/應用)金獎

Evangelical Lutheran Church Social Service Hong Kong, Enlighten Centre /APPZOLUTE
/APPZOLUTE

'No More Drugs' A Smartphone application as a supplementary tool for drug rehabilitation

(http://www.elchk.org.hk/service/)

基督教香港信義會天朗中心

APPZOLUTE
Absolutely Addicted to App

Last year in Yuen Long District, nine drug abusers committed suicide or harm to themselves, being diagnosed as mental ill under the influence of drugs. According to the Central Registry of Drug Abuse and Drug Statistics in 2012, the time it takes for drug abusers to seek for initial treatment increased from two years to more than four years. ELCHK, Enlighten Centre as a Counseling Centre for Psychotropic Substance abusers in Yuen Long District, encountered a lot of these cases, like self-harm, depression, mood disorder, psychosis, etc.

2012

Most of the drug abusers lack the supports and have no way to seek help. Therefore, "No More Drugs" mobile app could be a possible way to reach out and give them support, especially during the non-office hours. Hopefully, substance abuser could be encouraged by using the mobile apps to find way out and stop using drugs. The content of this application includes sharing of successful cases, assessment tool, advices from social worker, and reflective songs. The design aims to release their negative emotions, reduce their possibilities of self-harm, and enhance their motivation to change and quite drugs.

Comments from Judging Panel

With the integration of mobile technology and traditional intervention, "No More Drugs" mobile app makes good use of ICT to reach out drug abusers. This is also a ground-breaking experiment of ICT therapy intervention. It is a very professional and well-grounded cross sector collaboration. On the whole, the application is an impressive deployment of mobile technology to offer a successful integration of online and offline intervention, with a very thoughtful design that offers 24-hour care and service to target users.

24

Best Digital Inclusion (Product / Application) Silver Award
最佳數碼共融(產品/應用)銀獎

Po Kok Primary School / KanHan Education Services Limited / Quality Education Fund
/ /

In Love with Chinese: for Non-Chinese Speaking Students eLearning Project

(http://www.pokokps.edu.hk / http://pokok.kanhan.com)

寶覺小學
Po Kok Primary School

優質教育基金
Quality Education Fund

看漢教育服務有限公司
KanHan Educational Services Limited

Our school has been granted $290,000 by the Quality Education Fund in 2012-2013 to develop a Chinese school-based electronic learning platform. The school worked with KanHan Educational Services Limited in the development of the platform. The project has two main components – electronic learning platform and online learning. With the use of the electronic learning platform students can revise and consolidate their understanding of pronunciation and meaning of vocabulary learnt. Students can also practice writing words with the correct order of strokes with tablets. Students can learn in interesting and innovative ways. The platform is able to inform teachers of students' progress immediately and thus enable teachers to provide prompt feedbacks for students' learning. With the use of the online platform, students' learning is not confined to classrooms. Learning with the platform is extended beyond classrooms and students can access all the learning materials with their individual account according to their needs. The platform not only enables students to consolidate learnt language structures but also helps to nurture the habit of self-learning.

2012-2013
$290,000

Comments from Judging Panel

This is a very comprehensive and interactive design with high development potential. It is good to know that it caters individual differences, while non-Chinese speaking students also found improvement by using the platform. Social impact can be further enhanced if there is support programme for their parents to facilitate students' learning at home. It is also advised to extend the usage to other schools so as to create more social impact.

Best Digital Inclusion (Product / Application) Bronze Award
最佳數碼共融(產品/應用)銅獎

Hong Kong Blind Union

Searching & Exploring with Speech
Augmented Map Information (SESAMI)

(http://sesami.hkbu.org.hk)

香港失明人協進會
Hong Kong Blind Union

2013年11月19日

Social life is important for everyone, but it is not difficult to imagine the challenges visually impaired people (VIPs) are facing in travelling outside in streets and public transports.

With the aim to foster the habit of participating in social activities among the VI community, the Hong Kong Blind Union (HKBU) launched a mobile app to facilitate VIPs to find places and make plans for their journeys.

The app, named "Searching & Exploring with Speech Augmented Map Information" (SESAMI), runs on Apple's iOS platform. It makes use of Apple's multi-touch interface and built-in screen reading function to allow VI users to retrieve location-aware information and indoor spatial information. Users can make use of the GPS of the mobile device to get the information of nearby buildings or facilities.

iOS

GPS

At the same time, more than 30 indoor maps, including public facilities, shopping malls and MTR stations, are available to provide information of the indoor venues.

A web-based application, for indoor map maintenance, is also provided to allow adding new maps in the system. With the enormous power of crowd-sourcing, general public can contribute to make a better life for the needy.

Comments from Judging Panel

A very good application of IT & mobility technology for the inclusion of visually impaired people. It substantially enhanced the independence and quality of living of visually-impaired persons; its design aligned well with the experience of user. The product is also a pioneer in the development of accessible application for the visually impaired persons to use mobile devices.

Best Digital Inclusion (Product / Application)
Certificate of Merit
最佳數碼共融(產品/應用)優異證書

Heep Hong Society

Pre-writing training App for children with developmental delays -
Prewriting Fun Journey"

iPad

(http://www.heephong.org/webprod/cht/computer-games-and-teaching-resources/applications/10360m)

In this project, an iPad App named "Pre-writing Fun Journey" is designed by the Occupational Therapists of Heep Hong Society, aiming to develop the essential prewriting skills of children (3-6 years old) with developmental delays. Using the theme of an amusement park,720 interactive games are designed under 6 categories, to cover the essential pre-writing components of visual-perceptual and visual-motor coordination abilities:

1) Fun with Animals (Form discrimination)

2) Fun in Ocean (Figure-ground perception)

3) Fun in Park (Spatial relationship)

4) Fun in Circus (Visual closure)

5) Fun with Food (Visual sequencing and memory)

6) Fun in Garden (Visual-motor coordination)

With specially designed graphics and skills required for playing, the activities are classified in three difficulty levels to suit the different learning needs of children with developmental delays and normal children.

iPad
3-6
720

Through educational talks and information posted at Heep Hong website, the use of the "Pre-writing Fun Journey"App is promoted to teachers and parents in the community. They can down-load the App free-of charge to their iPads and use it as a supplementary training tool to motivate children in learning handwriting, and enjoy the fun in the teaching-learning prorcsss.

Best Digital Inclusion (Service) Gold Award
最佳數碼共融(服務)金獎

The Hong Kong Federation of Youth Groups

uTouch Cyber Youth Outreach Project

uTouch

(https://utouch.hk/)

香 港 青 年 協 會
the hongkong federation of youth groups

Given that the most widespread and popular form of communication among young people is through the Internet, The Hong Kong Federation of Youth Groups has initiated the uTouch Cyber Youth Outreach Project.

This Project is aimed at youth-at-risk and provides professional online services especially tailored to this group, including intervention and counselling by skilled frontline social workers, supported by a strong in-house IT Team.

What makes the Project unique is the use of technology to identify and engage youth-at-risk online. The services allow for a direct and one-stop service by:

1. The tailor-made 'uTouch Discovery and Management System', which can search for keywords, screens irrelevant links or sites, records text dialogue and makes instant screen captures. This then helps to discover youth-at-risk online most efficiently

uTouch

24

1. (uTouch Discovery and Management System)

2. The 'uTouch Portal', which is a website with instant online chat room to provide immediate help and counselling

2. uTouch

3. The 'something' mobile app, which provides a convenient platform through which young people can seek help, or express their emotions through voice, videos and drawings built in the app

3.　something

4. The online social workers "authentication" mechanism which minimizes the risk of phishing and online predators tarnishing the project.

4.

Comments from Judging Panel

The uTouch project is a sophisticated and comprehensive service that addressed the service gaps of past programmes. It is also an excellent use of ICT in social service to meet the changing needs and development in the information society.

uTouch

Best Digital Inclusion (Service) Silver Award
最佳數碼共融(服務)銀獎

Office of Service Learning　Department of Computing
The Hong Kong Polytechnic University　WebOrganic

A Mobile Computing Center: A Lab in a Suitcase on a Tuktuk
　　　　　　　　　Tuktuk
(https://www.facebook.com/ServiceLearningPolyU)

The goal of our project is to provide a viable, sustainable digital inclusion solution to children and communities that are off the power grid, but at the same time, close enough to urbanized infrastructure. There are many such communities around the world that are literally a "last mile" away from digital inclusion. Our solution blends portability and mobility. We designed a mobile computer lab, which we call the "Lab in a Suitcase". It contains a server with eLearning resources, batteries, and mobile devices. After the lab has been charged up, it can be brought out to the site, and the batteries will provide 5-6 hours of power to the server and the wireless router, which is enough for one intensive teaching session. A donation of a tuktuk, or a motorized trishaw, adds mobility to the portability, in effect creating a mobile computer lab on wheels. In June 2013, a team from PolyU deployed the "Lab in a Suitcase", taught 150 primary school students digital storytelling and blogging using the new equipment, and trained the staff and volunteers of our collaborating NGO to maintain and use the mobile equipment.

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"　　　"　　　　　　　　　Tuktuk
　　　　　　　2013　6
　　　　　　　　　"　　　　　"　　150

Comments from Judging Panel

It is a very meaningful and thoughtful service project with good vision. The organizer has a comprehensive service portal and effective implementation plan to extend the service to the underprivileged in developing countries. The project not only bridged the digital divide, but also completed life happiness and gained values for the children in the developing countries. This project has important society value.

Best Digital Inclusion (Service) Bronze Award
最佳數碼共融(服務)銅獎

Hong Kong Family Welfare Society　Sino Vista Systems (HK) Co., Ltd.

Language Programme for Ethnic Minorities - Chinese Class
　　　　　　　　　　　　　-

(http://www.hkfws.org.hk / http://58.64.139.168:8080/en_service.aspx?id=16&aaa=2)

In order to alleviate the difficulties due to the language barriers of the ethnic minorities and to help them integrate and adjust to the living in Hong Kong, an innovative Language Programme for Ethnic Minorities has been organized by the Hong Kong Family Welfare Society ("the Society") and sponsored by the Home Affairs Department from June 2010 to December 2013.

Ethnic minority ("EM") women are especially underprivileged and being isolated in Hong Kong. As most of them were not born in Hong Kong, they did not have a Chinese learning environment during their bring-up. They are thus illiterate in Chinese, despite having stayed in Hong Kong for many years. At the same time, due to their religious and cultural backgrounds, they lack normal contact with the community. For the sake of alleviating the language barriers, helping them integrate and adjust to the living in Hong Kong and increasing their knowledge and ability to master the social resources, the Society has cooperated with Sino Vista Systems (HK) Co., Ltd. and has made use of the "Chinese Alphabets Logical Language System (CALLS)")" to teach them the strokes and structure of traditional Chinese characters. As a result, not only have they improved their Chinese listening, speaking, reading and writing skills, but they have also learned the Chinese input method.

After two years of diligent learning, 9 ethnic minority women sat for the Chinese International General Certificate of Secondary Education (IGCSE) on 14 and 15 May 2013 and 8 of them passed the exam. Three women even obtained grade A. This heartening result clearly indicates that given the right teaching method, ethnic minorities could learn Chinese well and obtain the internationally recognized qualification. At the same time, the women are more capable to read their children's school notices and assist their kids on doing Chinese homework. It served as a good role model for their kids to learn Chinese.

(　　) 2010　6
2013　12

9　　　　　　　　2013　5
14　15　　　　　　　　(IGCSE)
8　　　　　　　3　　　A

Comments from Judging Panel

This is a locally created and effective Chinese learning system for ethnic minority. The project made use of ICT to design an innovative way for ethnic minority women to learn and practice Chinese. It substantially enhanced participation of the ethnic minority women in the society and also had great impact for the inclusion of their family.

Acknowledgement
鳴謝

Final Judging Panel

Chairman	Mr. MA Kam-wa, Timothy , JP
Members	Mrs.CHU Yeung Pak-yu, Patricia, BBS, JP
	Ms. Christine FANG, BBS, JP
	Dr. Edith Mok
	Mr. Dominic TONG
	Dr. Frank TONG
	Prof. WONG Yu-cheung

Assessment Team

Chief Assessors	Prof. CHAN Wing-tai, JP
	Ms. Patty WONG
Members	Mr. Edwin CHAN
	Ms. Vivienne CHIU
	Ms. Angela NG
	Ms. Carmen NG
	Ms. Ping WONG
	Mr. Stanley YEUNG

Acknowledgement
鳴謝

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HKACE 香港電腦教育學會 The Hong Kong Association for Computer Education

HONG KONG COMPUTER SOCIETY IT Shapes the Future

CYBERPORT 數碼港

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HKITF 香港資訊科技商會

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.hk

HKNETEA 香港新興科技教育協會

WTIA 香港無線科技商會

@ISIA

Internet Society Hong Kong 香港互聯網協會

有機上網 WebOrganic