**Instruction 填寫說明**

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| --- | --- |
| 1. | Please fill in all parts of this Form and attach additional information where necessary.  請填寫所有部分，如有需要請附加額外資訊。 |
| 2. | Please fill in the application form, and submit via our website of <https://student.icta.hk> before deadline of 23:59 2019.1.18. Late submission will not be accepted.  請填妥申請表格，並於2019.1.18 23:59截止日期前，通過我們的網站<https://student.icta.hk>提交。遲交表格將不獲接納。 |

**Entry Information 參賽作品摘要**

|  |  |
| --- | --- |
| Entry Title | **Spectator** |
| 參賽作品稱號 |  |
| Please mark below to indicate which award stream is to be applied 請標示參賽組別:  🞎 Post-Graduate Stream 研究生組別  ☑ Post-Secondary and Undergraduate Stream 大專及本科組別 | |

**Entrant Information 參賽者資料**

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| --- |
| Tertiary Institute Name : City University of Hong Kong  機構名稱 : 香港城市大學 |
| Supervisor負責導師 (Eng) : Dr. LAM Miu Ling (中) : 林妙玲博士  Faculty學系 / Department部門 : Schol of Creative Media  Title職位 : Associate Professor  Phone電話 : 3442 2844 Email電郵 : miu.lam@cityu.edu.hk |
| Student Name (1) 參賽者名稱 (Eng) : Owen Kwong Hau Shing (中) : 鄺厚承  Faculty 學系 / Department 部門 : Department of Electronic Engineering  Tertiary Educational Level 學歷: Year 4  Student Name (2) 參賽者名稱 (Eng) : Olive Chung Wing Lam (中) : 鍾詠霖  Faculty 學系 / Department 部門 : Department of Mechanical and Biomedical Engineering  Tertiary Educational Level 學歷: Year 4  Student Name (3) 參賽者名稱 (Eng) : Chole Lam Nga Wai (中) : 林雅蔚  Faculty 學系 / Department 部門 : Department of Electronic Engineering  Tertiary Educational Level 學歷: Year 2  Student Name (4) 參賽者名稱 (Eng) : (中) :  Faculty 學系 / Department 部門 :  Tertiary Educational Level 學歷: |

**Contact Details 聯絡人**

|  |
| --- |
| Name姓名: Ms Jessica LAM  Title職位 : Project Manager  Phone電話 : 34426931  Email電郵 : jessilam@cityu.edu.hk |

**Entry Description 參賽作品簡介 (Not more than 200 words 不多於200字)**

|  |
| --- |
| Our device is a low-cost NFC reader/writer designed for visually impaired persons (VIPs) to be used for audio reminders/identifying everyday objects. It allows VIPs to associate NFC stickers, which are cheap and can be stuck to many surfaces, with audio reminders set by the VIPs themselves. The reminder set will be played back when the device is simply placed in near proximity of the NFC sticker. This has a wide variety of applications including assisting in the identification of sensitive personal items, especially those with similar shapes, such as cards in a wallet, to everyday items including but not limited to books, CDs, and even medicine. This independent device is developed with feedback from VIPs and thus includes accessibility features designed specifically for VIPs, but it’s ease-of-use, low-cost and reliability may make it useful to other groups including the elderly who may be suffering from age-related memory loss. |

**Please state special features of the Application with respect to following judging criteria:**

**請就以下評審準則簡述參賽作品的特性:**

|  |
| --- |
| Innovation and Creativity in ICT 資訊及通訊科技創新和創意:  There are some assistive devices on the market which help VIPs to identify objects currently, they mainly implemented Optical Identification technology (OID) to read a bar code tag to identify objects. The bar code tags are permanent and not rewriteable, and sensor need to be pointed to the tag directly for reading. The VIPs might have difficulty in locating the sensor to the bar code tag and a new bar code tag is needed if there is a modification of the sound track.  Our team noticed that the existing devices can be improved by using NFC technology. The reasons are NFC tag can be read with a range of distance about serval centimeters, and the tag sensing procuress is very similar to the usage of “Octopus” card (a commonly used fast payment technology using in Hong Kong) which will bring a huge improvement on tag sensing performance as it is easy to explain how to use our device. And NFC tags are rewriteable, new tags are no longer needed for sound track modification.  In addition, our sensor used USB-type C connector for battery charging. Which allow VIPs to plug in the USB cable in any directions, reduced the chance of damage in connector. |
| Functionality功能:  Our product implemented NFC technology to identify objects or record voice reminder through detecting NFC tags. VIPs can play back the recordings simply putting the scanner near the tags. Also, VIPs can record the sound tracks without additional help by pressing the big red button. |
| Market Potential/ Performance市場潛力/表現:  We conducted serval meetings with Hong Kong Blind Union (香港失明人協進會) for product testing. Them claims our product works much more convenient than the existing product. And our device is very useful for object identification, especially in objects with personal information and drugs identification. |
| Benefits and Impact裨益和影響:  Our product can effectively assist VIPs to identify objects without additional help. Therefore, VIPs personal information and privacy can be protected. And prevented VIPs from using wrong drugs or using excessive drugs. |
| Quality品質:  The final version of our device will be made of metal casing with shockproof design, this can firmly protect the internal components from physical damage. Higher memory size and battery capacity allow longer operation time. |
| Other Information其他資料: |

**Declaration**

1. I/We hereby declare that the above entry is submitted ONLY to the Student Innovation Award category in the entire Hong Kong ICT Awards 2019. I/We understand that if the above entry is found to be joining in other award categories or other award streams of this award category, all related entries will be disqualified and any award/certificate granted would also be withdrawn. In addition, below is the complete list of other entries from our team which have been submitted to the Hong Kong ICT Awards 2019:

|  |  |  |
| --- | --- | --- |
| Award Category | Award Stream | Entry name |
|  |  |  |
|  |  |  |

2) Please 🗹 if appropriate:

🞎 I/We declare that the submitting entry for Hong Kong ICT Awards 2019 has won the Hong Kong ICT Awards in previous years and the winning information is given below.

|  |  |  |
| --- | --- | --- |
| Award Year | Award Category | Entry name |
|  |  |  |
|  |  |  |

🞎 I/We declare that if the submitting entry for Hong Kong ICT Awards 2019 had won the Hong Kong ICT Awards in previous years, it has significant improvement and new elements as below.

|  |
| --- |
| Brief description of significant improvement and new elements |
|  |

3) Please 🗹 either one:

☑ The submitting entry has not been applied for any patent.

🞎 Declaration on patent related information for the submitting entry:

|  |  |
| --- | --- |
| Patent Number or  Application Number (if pending) |  |
| Patent Grant Title or Title |  |
| Proprietor or Inventor |  |
| Country |  |
| Filing Date |  |
| Status |  |

4) Please 🗹 either one:

🞎 I/We declare that there is no dispute in any place over the world over intellectual property right about the entry.

🞎 I/We declare that there are/were below dispute(s) over intellectual property right about the submitting entry and I/We have obligation to disclose the corresponding information for the Judging Panel to consider the eligibility of the submitting entry.

|  |
| --- |
| Details of intellectual property right dispute(s) |
|  |

I/We shall inform the Leading Organiser of above status of any dispute(s) in any place over the world over intellectual property right about the submitting entry once there is any updates before the Awards announcement.

5) Please 🗹 either one:

☑ I/We declare that the submitting entry has not solicited any funding from any crowdfunding platforms.

🞎 I/We declare that the submitting entry has solicited funding from crowdfunding platform(s) and shall provide a way for the Leading Organiser to review comments of backers on such platform(s).

6) I/We declare that the information and particulars provided on this application form are accurate, true and complete, and the submitting entry conforms to all general eligibility requirements and rules and regulations. I/We agree the submitting entry will be disqualified and any award/certificate granted will be withdrawn if it is found otherwise. Upon request by the Leading Organiser, I/We shall provide relevant information and documentary proof (such as records of company registration, delivery of product, patent, etc.).

7) I/We understand that violation to any eligibility criteria will result in entry disqualification, even if it is identified at a very late stage when the entry has been accepted as an official entry or even announced to be a winning entry. The Leading Organiser shall have the right to take below actions against the offending applicants at various stages:

|  |  |
| --- | --- |
| **Stage** | **Action** |
| Eligibility check | Reject entry, with notification to applicant stating the reasons. |
| Adjudication – assessment, category judging, and grand judging | Disqualification, with notification to applicant stating the reasons. |
| Award granted | Withdrawal of award and demand return of award/certificate, with notification to applicant stating the reasons. If award has been announced, publicise the withdrawal case. |

8) I/We confirm to use below presentation language\* during adjudication (please 🗹 either one):

🞎 English ☑ Cantonese 🞎 Putonghua

\* The chosen presentation language in this application form has to be used during adjudication.

9) I/We declare that the submitting entry has fulfilled the requirements of local products/services.

|  |
| --- |
| Please describe how the product/service has fulfilled the requirements of local products/services (e.g. the submitting entry was developed in Hong Kong by residents in Hong Kong), and ensure the availability of required documentary proof for submission as needed: |
|  |

10) I/We declare that the application is submitted by locally registered entities or residents in Hong Kong.

|  |
| --- |
| Please provide supporting documentary proof such as identity card, passport or other document as appropriate: |
|  |

11) I/We agree to join post event promotion activities of Hong Kong ICT Awards and other promotion activities organised by the Office of the Government Chief Information Officer if selected as award winners of Hong Kong ICT Awards 2019.

**Personal Information Collection Statement**

Purpose of Collection

1. The personal data provided by the applicant will only be used for the following purposes:

(i) registration of entry and verification of the eligibility of the applicant;

(ii) correspondence with the applicants;

(iii) announcement of the results and award of the prizes of the Hong Kong ICT Awards;

(iv) publishing, printing, promotion, display and exhibition of the entry;

(v) other purposes related to the Hong Kong ICT Awards

2. It is obligatory for the applicant to provide the personal data required by this application form.

Transfer of Personal Data

3. The following data provided in this form will be transferred to and maintained by the Government for nomination to other awards and winner promotion purpose:

(i) Organisation Name

(ii) Name of contact person

(iii) Contact telephone number

(iv) Email address

(v) Entry description

If you do NOT agree to the transfer of data as stated in 3(i)-(v), please tick: 🞎

**聲明**

1) 本人/我們在此聲明上述參賽項目只申請參加「2019香港資訊及通訊科技獎：學生創新獎」。本人/我們明白如上述參賽項目被發現於其他獎項類別或此獎項類別中之其他組別同時參加，所有有關的參賽項目將被取消資格，所有已獲頒發的獎項/證書亦將被取消。此外，以下為本人/我們於「2019香港資訊及通訊科技獎」中已經提交的其他參賽項目：

|  |  |  |
| --- | --- | --- |
| 獎項類別 | 獎項組別 | 參賽項目 |
|  |  |  |
|  |  |  |

2) 以下如適用，請 🗹：

🞎 本人/我們在此聲明此2019香港資訊及通訊科技獎的參賽項目曾經在過去「香港資訊及通訊科技獎」中得獎，並在以下表格中列出得獎資料。

|  |  |  |
| --- | --- | --- |
| 獎項年份 | 獎項類別 | 參賽項目 |
|  |  |  |
|  |  |  |

🞎 本人/我們在此聲明此2019香港資訊及通訊科技獎的參賽項目曾經於「香港資訊及通訊科技獎」中得獎，並有如下的顯著改變及新元素。

|  |
| --- |
| 此2019香港資訊及通訊科技獎參賽項目改變及新元素之簡介： |
|  |

3) 請🗹其中一項：

🞎 此參賽項目沒有申請任何專利。

🞎 此參賽項目之專利資料列明如下：

|  |  |
| --- | --- |
| 專利編號或申請編號（如申請中） |  |
| 批予專利名稱或發明名稱 |  |
| 專利所有人或發明人 |  |
| 國家 |  |
| 提交日期 |  |
| 狀況 |  |

4) 請🗹其中一項：

🞎 本人/我們在此聲明此參賽項目在世界任何地方沒有任何知識產權爭議。

🞎 本人/我們在此聲明此參賽項目有或曾經有以下知識產權爭議，本人/我們須披露有關資料予評審委員會考慮此參賽項目的參賽資格。

|  |
| --- |
| 有關知識產權爭議的詳情： |
|  |

在獎項公佈之前如此參賽項目在世界任何地方有任何知識產權爭議的更新，本人/我們會立即將通知籌辦機構。

5) 請🗹其中一項：

🞎 本人/我們在此聲明此參賽項目沒有向任何眾籌平台募集資金。

🞎 本人/我們在此聲明此參賽項目曾經向眾籌平台募集資金，並將會向籌辦機構提供方法以審核支持者在眾籌平台上的評論。

6) 本人/我們在此聲明於此申請表格內所提供的資料及細節均準確無誤、真實及為事實之全部，而此參賽項目亦符合所有參賽資格及規則，如有不符，本人/我們同意此參賽項目將被取消資格，而所有已獲頒發的獎項/證書亦將被撤回。因應籌辦機構的要求，本人/我們同意提供相關的所需資料和證明文（如公司註冊，出貨單據，專利註冊等）。

7) 本人/我們明白於比賽任何階段，由被認可為比賽項目，甚至是已被公佈為得獎項目，如被發現違反任何參賽資格，參賽項目將被取消資格。於比賽的不同階段，籌辦機構有權對違規參賽單位作以下行動：

|  |  |
| --- | --- |
| **比賽階段** | **籌辦機構跟進行動** |
| 參賽資格審核 | 拒絕其參賽項目、通知參賽單位及說明原因 |
| 評審 ─ 包括：初審、獎項類別評審及大獎評審 | 取消其參賽資格、通知參賽單位及說明原因 |
| 獎項頒發 | 取消其已獲頒發的獎項、要求參賽單位交回獎座或證書、通知參賽單位說明原因。如已向外公佈獎項得主，籌辦機構將公佈獎項撤回。 |

8) 本人/我們確認會於評審中使用下面語言\* 介紹參賽項目及回答問題（請🗹其中一項）：

🞎 英語 🞎 廣東話 🞎 普通話

\* 於評審中介紹參賽項目及回答問題時必須使用在本表格所選擇的語言。

9) 本人/我們聲明提交的參賽項目已經滿足了本地產品/服務的要求。

|  |
| --- |
| 參賽項目已符合本地產品/服務的要求，原因如下，所需證明文件亦已備齊及可提供： |
|  |

10) 本人/我們聲明參賽單位為香港居民。

|  |
| --- |
| 請提供證明文件，例如身份證，護照或其他適當的文件： |
|  |

11) 本人/我們確認如獲得「2019香港資訊及通訊科技獎」的獎項將會參與「香港資訊及通訊科技獎」的宣傳活動或其他由政府資訊科技總監辦公室舉辦的宣傳活動。

**收集個人資料聲明**

收集目的

1. 參賽者所提供的一切個人資料，只供作以下用途：

(i) 登記參賽項目及核實參賽者的參賽資格；

(ii) 與參賽者通訊；

(iii) 公布比賽結果及頒發獎項；

(iv) 在出版、刊印、宣傳及展覽參賽作品事宜上辨認參賽者；

(v) 與比賽有關的其他用途。

2. 參賽者必須根據參加表格的要求提供個人資料。

個人資料移轉

3. 以下由參賽者在本參加表格内提供的資料會向香港特別行政區政府披露及儲存，以便提名參加其他獎項和宣傳得獎者：

(i) 機構名稱

(ii) 聯絡人姓名

(iii) 聯絡電話

(iv) 電郵地址

(v) 參賽項目簡介

如你不同意以上的3(i)-(v)資料移轉，請勾選：🞎

|  |
| --- |
| Supervisor負責導師 |
| Signature with Organisation chop 簽署及機構蓋章 : |
| Name 姓名:  Date日期: 6/1/21019 |

|  |  |
| --- | --- |
| Student參賽者(1) | Student參賽者(2) |
| Signature: | Signature: |
| Name 姓名: Owen Kwong Hau Shing  Date日期: 6/1/21019 | Name 姓名: Olive Chung Wing Lam  Date日期: 6/1/21019 |

|  |  |
| --- | --- |
| Student參賽者(3) | Student參賽者(4) |
| Signature: | Signature: |
| Name 姓名: Chole Lam Nga Wai  Date日期: 6/1/21019 | Name 姓名:  Date日期: |