**香港理工大學 工業及系統工程系**

**The Hong Kong Polytechnic University**

**Department of Industrial and System Engineering**

**全港中小學產品設計大賽2017-2018**

**Hong Kong Product Design Makeathon2017-2018**

***產品報告Product Report***

|  |  |  |  |
| --- | --- | --- | --- |
| **項目名稱:**  **Project name** |  | | |
| **項目編號:**  **Project number** |  | | |
| **學生名稱:**  **Student name** |  | **學生名稱:**  **Student name** |  |
| **學生名稱:**  **Student name** |  | **學生名稱:**  **Student name** |  |
| **學校名稱:**  **School name** |  | | |
| **組别\*:**  **Class** | **小學組 Primary / 中學組 secondary** | | |
| **項目組别\*:**  **Project** | **智能家居Smart Home/**  **穿戴科技Wearable Technology /**  **衛生保健或復康產品Healthcare or rehabilitation product** | | |

|  |
| --- |
| **在2018年5月11日或之前在網上提交完成的產品報告**  **On line submit the completed proposal by 11 May 2018** |

**\*刪除不適當 Cross out if inapplicable**

**Table of Content**

1. **Introduction – Background and Objectives**
2. **Methodology – Product Design and Used Techniques**
3. **Product Demonstration**
4. **Bill of Materials (BOM) and Cost Estimation**
5. **Conclusions**

**報告內容**

1. 介紹 - 背景與目標
2. 方法 - 產品設計和使用技術
3. 產品演示
4. 物料清單（BOM）和成本估算
5. 結論

|  |
| --- |
| **1. Introduction – Background and Objectives**  介紹 - 背景與目標 |
| (Product-related background information and product objectives  産品相關的背景資料及産品的目標) |

如果需要，請在額外頁面上繼續。/ Continue on extra page if required.

|  |
| --- |
| 1. **Methodology – Product Design and Used techniques**   方法 - 產品設計和使用技術 |
| 1. Product Design 產品設計   (Conceptual design drawing or photos概念設計圖或照片) |
| 1. **Techniques** 技術   (Technologies and tools you used to produce the product  生產產品的技術和工具) |

如果需要，請在額外頁面上繼續。/ Continue on extra page if required.

|  |
| --- |
| 1. **Product Demonstration**   產品演示 |
| (Demonstration of working principle and functions介紹工作原理和產品功能) |
| 1. **Techniques** 技術   (Technologies and tools you used to produce the product  生產產品的技術和工具) |

如果需要，請在額外頁面上繼續。/ Continue on extra page if required.

|  |
| --- |
| 1. **Bill of Materials (BOM) and Cost Estimation**   物料清單（BOM）和成本估算 |
| **Bill of Materials (BOM) and Cost Estimation 物料清單和成本估算**   |  |  |  |  |  | | --- | --- | --- | --- | --- | | *Part no.*  *零件號碼* | *Part*  *零件* | *Material*  *材料* | *Quantity*  *數量* | *Unit price*  *單價 （HK＄）* | | *1* | *[[example]] DC motor 直流摩打* | *NA* | *2* | *10* | | *2* | *outer casing (part 1) 外殼（第1部分）* | *Acrylate 阿加力膠* | *1* | *25* | | 1 |  |  |  |  | | 2 |  |  |  |  | | 3 |  |  |  |  | | 4 |  |  |  |  | | 5 |  |  |  |  | | 6 |  |  |  |  | | 7 |  |  |  |  | | 8 |  |  |  |  | | 9 |  |  |  |  | | 10 |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | | ***Total cost*** | | | |  | |

如果需要，請在額外頁面上繼續。/ Continue on extra page if required.

|  |
| --- |
| **5. Conclusions**  總結 |
|  |

如果需要，請在額外頁面上繼續。/ Continue on extra page if required.