

伊利沙伯中學 Queen Elizabeth School

隊名
Team Name :

QESensibility

原型方案名稱
Prototype Name :

QESensor

隊員 :

黎衍廷 (中四)

謝鈺 (中四)

林寶晴 (中四)

饒楠 (中四)

麥家皓 (中四)

黃智翊 (中四)

Team Member :

LAI Hin Ting (F.4)

Hsieh YUK (F.4)

LAM Po Ching (F.4)

YIU Nam (F.4)

MAI Ka Ho (F.4)

WONG Chi Yik (F.4)



社區交通 ROADWAY CONGESTION AND SAFETY

九龍城區乃香港傳統舊區，年長人口隨著人口老化日益增加。區內食肆和車行縱橫交錯，加上車位短缺，導致嚴重的違例泊車問題。由於道路使用者在馬路上長期視野受阻，令行人和司機的盲點更大，交通意外不幸因此頻生。QESensor正是解決當下問題的建議方案 — Q代表「Cue」，即訊號；E代表「Eyesight」，Sensor則指「感應器」。QESensor目標在於建立行人的「第二雙眼睛」，讓行人更清楚看見路面狀況。透過結合感應器與應用RFID技術，QESensor能夠即時提醒行人的路面情況，減少路面上的交通意外。

While walking along the streets in Kowloon City District, it is not surprising to see many old buildings and elderly. Yet, the vibrance of the district is not limited by that – it is also well-known for being a district full of restaurants and car maintenance shops. True to form, the streets are densely packed with cars and pedestrians with different destinations who are desperately making their way around. Not only does this imply that the economy in the district is booming, what is hidden behind the scenes is the great risk of road accidents and casualties. In fact, the number of traffic accidents in the area has been deplorably rising.

We firmly believe that we cannot afford to sit tight. Through our tailor-made proposal – QESensor, which aims to tackle the current problem, we hope that the safety of pedestrians and drivers can be ensured. “Q” stands for “cue”, “E” stands for “eyesight” and “S” stands for “sensor”. This implies that our product can broaden the horizons of one’s eyes and enable us to identify approaching vehicles while crossing roads. The feasibility, uniqueness and effectiveness of QESensor will be discussed as follows.

