UML:

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| diff |
| -ui:diff  +level:QString |
| +ondiffClose():void  +sendlevel(int):void  +on\_pushButton\_clicled():void |

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| Hit |
| -time:int  -tp:int  -sd:int |
| +move():void  +style():void  +settime(int t):void  +gettime():int  +returntype():int |

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| Inrtroduction |
| -ui:Inrtroduction\* |
| +intclose():void  +on\_pushButton\_clicked():void |

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| --- |
| MainWindow |
| -ui:MainWindow\*  -mainwindow2:MainWindow2\*  -rank1:rank\*  -option1:option\*  -intr:Inrtroduction\*  -movie:QMovie\*  -music:QMediaPlayer\* |
| +senddata(int): void  +on\_start\_clicked():void  +on\_rank\_clicked():void  +rankClose():void  +on\_option\_clicked():void  +getlevel(int a):void  +on\_introduction\_clicked():void  +misicon():void  +misicoff():void  +on\_Exit\_clicked():void  *+mouseMoveEvent*(QMouseEvent \*e): void |

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| MainWindow2 |
| -Ui:MainWindow2\*  -tt:QTimer\*;  -cc:QTimer\*  -totaltime:int  -scene:QGraphicsScene\*  -view:QGraphicsView\*  -n\_note:hit\*  -note:QVector<hit\*>  -scores:int  -dif:QString  -iterator ath:QVector<hit\*>  -iterator cur:QVector<hit\*>  -sc:score\*  - music1:QMediaPlayer\* |
| +add\_hits():void  +timeend():void  +onMainClosed():void  +countscore(int c,int d): void  +setlevel(QString lv):void  +timecount():void  +resultshow():void  -hitdelete():void  -gamestart():void  -mainshow():void  -*keyPressEvent*(QKeyEvent \*event):void |

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| music |
| -- ui:music \* |
| +onmusic(int):void  +offmusic(int):void  +itclose():void  -on\_pushButton\_clicked():void |

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| option |
| -ui:option \*  -diff1:diff \*  -music12:music \*  -di:int  -om:int |
| +onoptionClosed():void  +sendlevel(int): void  +mison():void  +misoff():void  -on\_pushButton\_clicked():void  -musicon(int c): void  -musicoff(int b): void  -on\_pushButton\_2\_clicked():void  -getlevel(int a): void  -on\_pushButton\_3\_clicked():void |

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| rank |
| -ui:rank\* |
| +onRankClose():void  +on\_pushButton\_clicked():void |

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| --- |
| score |
| -ui:score\*  +aa:QString  +bb:QString |
| +setscore(QString a):void  +on\_pushButton\_3\_clicked():void  +on\_pushButton\_2\_clicked():void  +on\_pushButton\_clicked():void  +closes():void  +newgame():void  +ok():void |

遊戲架構

遊戲有三個難度,可以從選項中選擇難度,遊戲進到畫面有背景音樂及動態圖片當你移到開始鍵時,動態圖片停止,在選項中你也可以選擇背景樂的開啟或關閉,進入遊戲後有遊戲音樂,然後當遊戲結束之後可以輸入姓名依照分數有排行榜,也可以重新遊戲或離開,主畫面還有遊戲說明

遊戲說明

在主畫面中,點開introduction便有,不同顏色的有不同的分數,紅色分數最低,白色分數最高



遊戲畫面:













