***Homework Summary***

| ***Student ID*** | 111820030 | ***Student Name*** | 楊承諭 |
| --- | --- | --- | --- |
| ***Estimated Time*** | ***\_\_\_6\_\_ hours*** | | |
| ***Time Log*** | **Time spent in writing program**   1. From 23 **:** 00 to 3 **:** 00 ***(Ex: From 13:00 to 15:00)*** 2. From 23**:** 00 to 4 **:** 00 3. From 23**:** 00 to 0 **:** 00   **Time spent in writing document**   1. From 21 **:** 30 to 21 **:** 31 | | |
| ***Actual Time*** | ***\_\_\_10\_\_ hours***  ***(The actual time you spent on the homework)*** | | |
| ***Difference between Estimated time and Actual Time*** | ***\_\_4\_\_\_ hours (|Estimated Time – Actual Time|)***  ***\_\_\_66\_\_ % (|Estimated Time – Actual Time|/ Estimated Time)*** | | |
| ***Difficulty of the homework*** | GUI Test 滑鼠移動時解析度的不同造成的問題 | | |
| ***Unit Test*** | Total : [Test Class] \* 18 / [Test Method] \* 136  [Test Class] ShapeModelTests  – [Test Method] \* 25  [Test Class] PointerStateTests  – [Test Method] \* 3  [Test Class] PointerStateTextMovementTests  – [Test Method] \* 8  [Test Class] DrawingStateTests  – [Test Method] \* 3  [Test Class] DrawingStatePrivateMethodTests  – [Test Method] \* 7  [Test Class] PresentationModelTest  – [Test Method] \* 16  [Test Class] PresentationPrivateModelTest  – [Test Method] \* 5  [Test Class] PresentationModelUndoRedoBottonStateTests  – [Test Method] \* 5  [Test Class] CommandTests  – [Test Method] \* 9  [Test Class] LineDrawingTests  – [Test Method] \* 6  [Test Class] UndoRedoTests  – [Test Method] \* 9  [Test Class] SaveLoadTests  – [Test Method] \* 12  GUI Testing [Test Class] AutoSaveTest  – [Test Method] \* 1  [Test Class] DrawDragTest  – [Test Method] \* 8  [Test Class] MixTest  – [Test Method] \* 1  [Test Class] SaveLoadTest  – [Test Method] \* 3  [Test Class] TextChangeDataGridViewControlTest  – [Test Method] \* 8  [Test Class] UndoRedoTests  – [Test Method] \* 7 | | |