Homework Summary

Student ID	110590002	Student Name	王燆竝
Estimated Time	__30___ hours *(The total time that you "guess" you need to spend on the homework)*		
Time Log	*(Please extend the list if it is not enough for you)* **Time spent in writing program** 1. From _12 : 00_ to_23 : 00_ *(Ex: From 13:00 to 15:00)* 2. From _12 : 00_ to _27 : 30_ *(Optional*)* 3. From _19 :00_ to 23_: 00_ *(Optional*)* 4. From _:_ to _:_ *(Optional*)* **Time spent in writing document** 1. From _2 : 00_ to _2 : 30_ 2. From _:_ to _:_ *(Optional*)* ** If you finished your homework in a single period, you do not need to fill the other periods.*		
Actual Time	__30___ hours *(The actual time you spent on the homework)*		
Difference between Estimated time and Actual Time	__0___ hours *(|Estimated Time – Actual Time|)* ___0__ % *(|Estimated Time – Actual Time|/ Estimated Time)*		
Difficulty of the homework	統計所有 Model Class (包含Presentation Model)的數量 Model Class: 2 個 以及其 Method 的數量 PresentationModel: 15個method ShapeModel: 14個method unit test and Dr smell cost me 29.9 hr, wanna cry.		
Other Issues	*(Any thought, learning from homework, or opinion of the homework or the course)* envy in Dr smell make my code look bad. Because the Graphics can't mock, so WindowFormsGraphicsAdaptor can't do unit tests.Form1 and Program are View, too.		