Homework Summary

Student ID	110590002	Student Name	王燠竑
Estimated Time	__60___ 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 24 : 00 *(Ex: From 13:00 to 15:00)* 2. From 12 : 00 to 24 : 00 *(Optional*)* 3. From 12 :00_ to 30_: 00 *(Optional*)* 4. From 12 : 00 to 30 : 00 *(Optional*)* 5. From 12 : 00 to 30 : 00 *(Optional*)* 6. From 12 : 00 to 30 : 00 *(Optional*)* 7. From 12 : 00 to 16 : 00 *(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	__100___ hours *(The actual time you spent on the homework)*		
Difference between Estimated time and Actual Time	__40___ hours *(|Estimated Time – Actual Time|)* ___66%__ % *(|Estimated Time – Actual Time|/ Estimated Time)*		
Difficulty of the homework	wanna cry		
Other Issues	*(Any thought, learning from homework, or opinion of the homework or the course)* GUI test 沒有成功做出來 assert is in presentation model deletePage() 使用來檢查數字合法 undo redo work save load work 如果要跑unit_test請先到 c83aedd4503e22e1f2a072517a69f7715238f37a跑過一次再切回原來的Branch以獲得正常的測試 如果沒有切換會得到coverage 0% 切換過以後會變成88% 或是使用rider以取得正確coverage測試結果 更多訊息:		
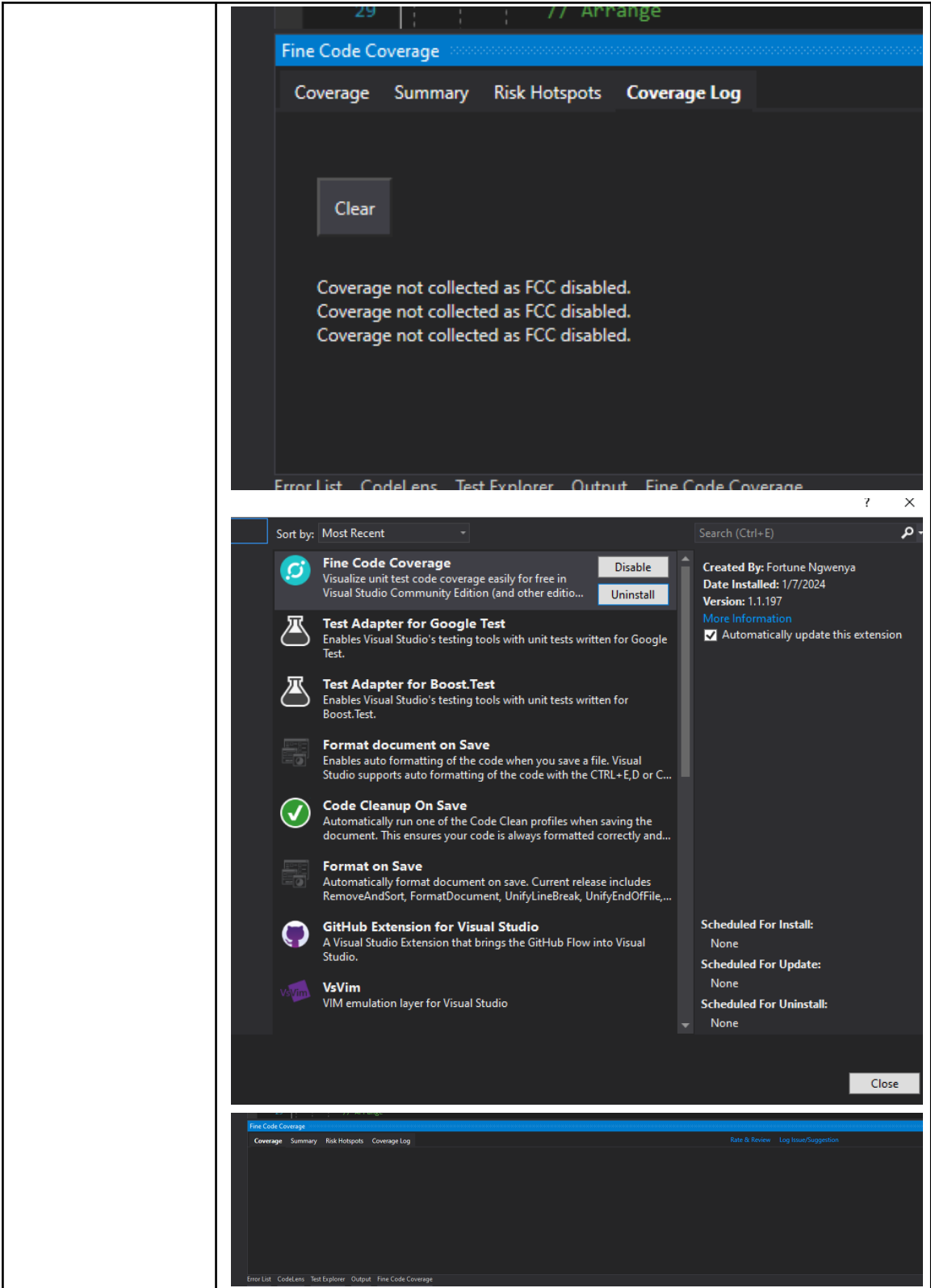
Coverage **Summary** Risk Hotspots Coverage Log	
Assemblies:	0
Classes:	0
Files:	0
Covered lines:	0
Uncovered lines:	0
Coverable lines:	0
Total lines:	0

Error List   CodeLens   Test Explorer   Output   Fine Code Coverage

Fine Code Coverage

Coverage   Summary   **Risk Hotspots**   Coverage Log

No risk hotspots that exceed options :
Cyclomatic complexity : 0
Crap score   : 0
NPath complexity   : 0

Error List   CodeLens   Test Explorer   Output   Fine Code Coverage