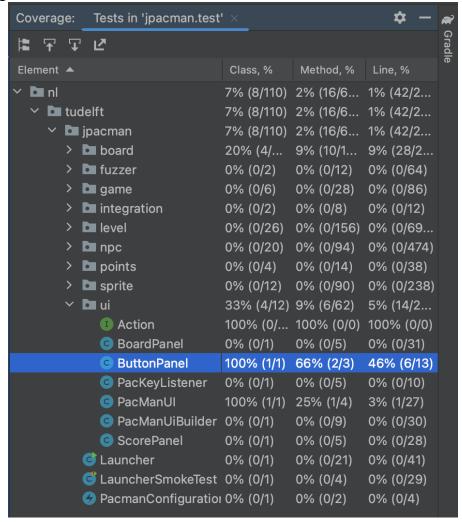
LAB REPORT 2

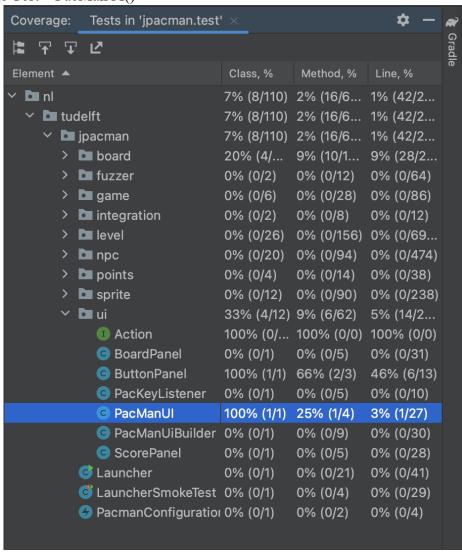
TASK 2.1:
Pre-Coverage Test – ButtonPanel()

Test – ButtonPanel()			
Coverage: Tests in 'jpacman.test' $ imes$			* – 🚙
推 平 平 区			Gradle
Element 🔺	Class, %	Method, %	Line, %
∨ 🖿 nl	3% (4/110)	1% (10/624)	1% (28/2274)
✓ tudelft	3% (4/110)	1% (10/624)	1% (28/2274)
🗸 🖿 jpacman	3% (4/110)	1% (10/624)	1% (28/2274)
> 🖿 board	20% (4/20)	9% (10/106)	9% (28/282)
> 🗖 fuzzer	0% (0/2)	0% (0/12)	0% (0/64)
> 🖿 game	0% (0/6)	0% (0/28)	0% (0/74)
> 🖿 integration	0% (0/2)	0% (0/8)	0% (0/12)
> 🖿 level	0% (0/26)	0% (0/156)	0% (0/690)
> 🖿 npc	0% (0/20)	0% (0/94)	0% (0/474)
> 🖿 points	0% (0/4)	0% (0/14)	0% (0/38)
> 🖿 sprite	0% (0/12)	0% (0/90)	0% (0/238)
🗸 🖿 ui	0% (0/12)	0% (0/62)	0% (0/254)
Action	100% (0/0)	100% (0/0)	100% (0/0)
BoardPanel	0% (0/1)	0% (0/5)	0% (0/27)
© ButtonPanel	0% (0/1)	0% (0/3)	0% (0/11)
PacKeyListener	0% (0/1)	0% (0/5)	0% (0/10)
PacManUI	0% (0/1)	0% (0/4)	0% (0/24)
PacManUiBuilder	0% (0/1)	0% (0/9)	0% (0/30)
ScorePanel	0% (0/1)	0% (0/5)	0% (0/25)
© Launcher	0% (0/1)	0% (0/21)	0% (0/41)
ේ LauncherSmokeTest	0% (0/1)	0% (0/4)	0% (0/29)
🔗 PacmanConfigurationExc	0% (0/1)	0% (0/2)	0% (0/4)

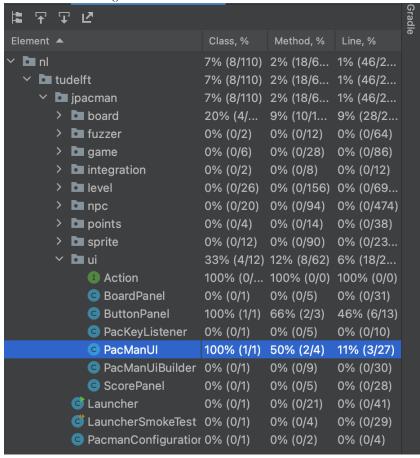
Post-Coverage Test – ButtonPanel



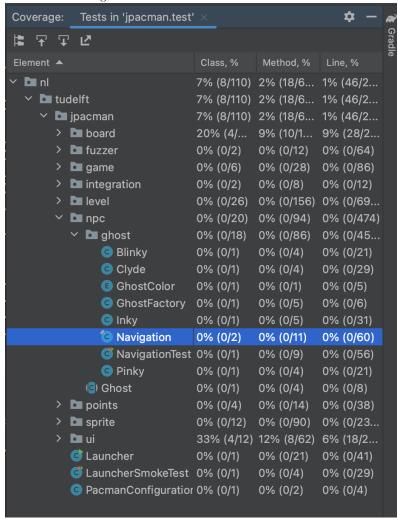
Pre-Coverage Test – PacManUI()

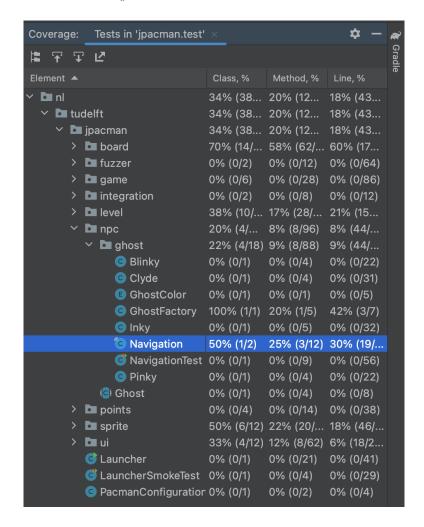


Post-Coverage Test – PacManUI()



Pre-Coverage Test – findNearest()





TASK 3:

Q1: The coverage results are different from JaCoCo to IntelliJ. The difference can be caused by the different code that is used to test the methods, as different testing code will test different parts and thus cover different amounts of the code.

Q2: Yes, the source code visualization from JaCoCo was very helpful. It showed, line by line, directly what was covered and also not covered. It's more helpful than only having a coverage percentage.

Q3: I prefer the JaCoCo visualization, as it provides a more in depth look at the coverage of the code. Even so, it also provides a broad view just like IntelliJ, leaving more options for the user to view coverage.

Link to jpacman fork repo: https://github.com/deleoa5/jpacman-deleon/tree/master/src/test/java/nl/tudelft/jpacman