

# Space Invaders : Sprint Reflection 5

*Group 22*

*TI2206 Software Engineering Methods*

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## Sprint 5 reflection

User Story	Task	Assigned to	Estimated effort	Actual effort	Done
Exercise 1	1 - Sprint 5 requirements	All/ <b>Bryan</b>	30 minutes	0.5 hours	Yes
User Story 1	1 - Determine classes to be changed	<b>Bryan</b>	1 hour	1 hour	Yes
User Story 2	1 - Select changes to be implemented	Dorian/	1 hour each	0.5/0.5/0.5 hours	Yes
User Story 3	1 - Determine hierarchy, UML	Jochem/ <b>Bryan</b>	1 hour	0.5 hours	Yes
	1 - Write tests	Ege/ <b>Jochem</b>	2 hours	1/0.5/3 hours	Yes
	1 - Implement code changes	<b>Jochem</b> Ege/Dorian/ Bryan/ <b>Jochem</b>	3 hours each	3/5/0.5/4 hours	Yes
Exercise 2	2 - Determine patterns to be implemented	All	30 minutes	0.25 hours	Yes
	2 - Determine code changes	<b>Bryan</b>	1 hour	1 hour	Yes
	2 - Create class diagram	<b>Bryan</b>	1 hour	1 hour	Yes
	2 - Create sequence diagram	<b>Bryan</b>	2 hours	1 hour	Yes
	2 - Implement code changes	<b>Jochem</b>	2 hours	1 hour	Yes
Exercise 3	3 - Write essay	<b>Jochem</b>	5 hours	4 hours	Yes
Time left	Fix issues and bugs from the GitHub bug tracker	Dorian/Bryan/ Ege/ <b>Jochem</b>	Unknown	2/3/0.5/0.5 hours	Yes

\* Bold indicates the person responsible for the finished Task.

## Main Problems Encountered

### Problem 1

**Description:** Travis failed due to audio codec issues.

**Reaction:** A lot of effort was put in trying to "fix" Travis. However, this was not the problem, because the background music required mp3 codecs, which might not be available on every computer. This was fixed by resolving the crash issue with an exception.

## Adjustments for the next Sprint Plan

- If Travis fails due to not meeting the software requirements of the program, the issue might be in the program itself.