

Sprint Backlog, Iteration #3, Group: 2

User Story	Task	Member responsible for the task	Task Assigned To	Estimated Effort per Task (in hours)	Priority (A–E) (A is highest)	DONE
As a developer, I want to use software design patterns to make implementing code easier.	Pick two software design patterns (i.e., strategy, observer, decorator, Singleton) out of all the patterns described during class.	Dennis	Dennis & Tim	1	A	
	For each chosen pattern, make a class diagram of how the software design pattern is structured statically in your code	Dennis	Dennis & Tim	4	D	
	For each chosen pattern, write a natural language description of why and how the pattern is implemented in your code (and implement if not yet present)	Tim	Dennis & Tim	10	A	
	For each chosen pattern, make a sequence diagram of how the software design pattern works dynamically in your code	Tim	Dennis & Tim	4	E	
As a developer, I want to extend my game to implement more features according to what our supervisor wants	Talk to the TA to obtain a new requirement for the game	Erik	Erik & Gijs	1	C	TRUE
	Write a requirements document for the extension given by the TA	Erik	Erik & Gijs	1	C	
	Send the requirements document to the TA for evaluation	Erik	Erik & Gijs	1	E	
	Write tests for the requirements	Gijs	Erik & Gijs	2	B	
	Implement the requirements	Gijs	Erik & Gijs	5	A	
	Design a UML for the extension	Gijs	Erik & Gijs	2	D	
As a developer, I want to improve the game	Write a requirements document for the improvement, and send it to the TA for approval	Rens	Rens	2	C	

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	In design phase use responsibility driven design, design a UML diagram and push that in 1 pdf file to github	Rens	Rens	2	D	
	Implement improvements required	Rens	Rens	8	B	
As a user, I want to be able to play the game without bugs	Fix all checkstyle errors/warnings	Dennis	Dennis	3	B	
	Fix all findBugs errors/warnings	Rens	Rens	4	C	
	Fix PMD errors/warnings	Erik	Erik	2	C	
	Let the build fail when the above requirements(checkstyle, findbugs and PMD) are not met	Tim	Tim	3	D	
	Write JUnit tests for at least 80% coverage (excluding GUI)	Gijs	Gijs	4	E	
As a developer, I want to have all of the tasks in one place and to be able to mark them as completed.	Move all of the tasks described above into issues.	Erik	Erik	2	A	