

# Sprint Backlog, Iteration # 8

## Introduction

This is our last sprint backlog. You will notice that it consists a lot of 'documenting' tasks. Also almost all of the tasks are must haves since these documents are required in order to pass the course.

User Story	Issue #	Task	Member responsible for the task	Task Assigned To	Estimated Effort per Task (in hours)	Priority: Must/ Should/ Could/ Won't haves
As a developer I want other groups to test our API for Interaction Design because I want to know whether our customers can use our product easily.	201	Preparing the API and making sure that there are not bug and the program is actually written according to UML, making sure everything works.	Luat	Luat, Naqib	4 / person	must
	202	Let two groups of programmers interact with our code via API.	Luat	Luat, Naqib	4 / person	must
	203	Setting up tests and document this set up.	Luat	Naqib, Luat	2 / person	must
	205	Collecting the data and analyse this.	Naqib	Naqib, Luat	3 / person	must
	206	write a report (HCI)	Naqib	Naqib, Luat	4 / person	must

	207	adjust API according to the feedback from the test subjects.	Luat	Naqib, Luat	4 / person	must
As a developer, I want to crawl a huge dataset to test our blockchain implementation	197	Reading in	Jasper	Jasper, Ashay	2 / person	must
	197	Crawling	Jasper	Jasper, Ashay	2 / person	must
As a developer, I want to use the crawled huge dataset to test our blockchain implementation	198	Analyzing the crawled data	Jasper	Jasper, Ashay	2 / person	must
	198	Implementation - Reading the data	Jasper	Jasper, Ashay	4 / person	must
	198	Implementation - Processing the data	Jasper	Jasper, Ashay	4 / person	must
	198	Testing	Jasper	Jasper, Ashay	4 / person	must
	198	Documentation	Jasper	Jasper, Ashay	2 / person	must
As a developer, I want to run through the Definition of Done that we had written in Product Planning, because I want to meet the requirements.	208	Run through the list and check every single element of our Definition of Done.	All	All	1 / person	must
	209	Adjust code according to our conclusion from the analyses in the previous task.	All	All	2 / person	must

As a developer, I want to update my code, according to the feedback of SIG, so that my application can have a higher score upon running on SIG website.	72	Refactoring the objects package	Luat	Naqib, Luat	2 / person	must
	199	Refactoring the Controllers package	Ashay	Jasper, Ashay	2 / person	must
	72	Refactoring the Database package	Ymte	Ymte	2	must
As a developer, I want to write a final report that meets the requirements in the course guideline.	211	Introduction, including a brief problem description and end-user's requirements	Ymte	Ymte	1.5	must
	212	Overview of the developed and implemented software product	Ymte	Ymte	3	must
	213	Reflection on the product and process from a software engineering perspective	Ymte	All	1 / person	must
	214	Description of the developed functionalities	Ymte	Ymte	3	must
	215	Special section on interaction design (development of the HCI module)	Ymte	Ymte, Luat	Ymte : 3 Luat : 1	must
	216	Evaluation of the functional modules and the product in its entirety, including the failure analysis	Ymte	all	1 / person	must

As a developer, I want to update the EAD such that it describes the components.	200	Update: Introduction	Jasper	Jasper	2	must
	218	Update : Design goals	Ashay	Ashay, Ymte	2 / person	must
	217	Update: Subsystem decomposition (sub-systems and dependencies between them)	Ashay	Ymte *	2	must
	219	Update : Hardware/software mapping (mapping of sub-systems to processes and computers, communication between computers)	Ashay	Ymte *	2	must
	220	Update : Persistent data management (file/ database, database design)	Ashay	Ymte *	2	must
	221	Update : Concurrency (processes, shared resources, communication between processes, deadlocks prevention)	Ashay	Ymte *	2	must
As a developer, I want to minimize the GUI functionalities such that it only displays what our required functions are,	210	Minimize the GUI such that only the necessary things are simply (and ugly) displayed.	Naqib	Naqib, Ashay	2 / person	Should

because it is not our task to have a nice GUI and this way our test coverage will improve in case we won't be able to test the activities.	210	Try to improve the testing	Naqib	Naqib	1	Could
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\* Note that the person that is responsible is not the same person that has to do the task. Since the EAD is a small weakness of us we want to make sure that the assigned person is not the same as the responsible person. Just like we do it with the merging: the person who made the PR is not the person who will merge it.