

Sprint Backlog, Iteration # 5

User Story	Task	Member responsible for the task	Task Assigned To	Estimated Effort per Task (in hours)	Priority (A—E) (A is highest)
As a developer, I want to have a draft of the structure of the Graphical User Interface	Updating Document describing MainActivity Page.	Ymte	Ymte	3	A
	Updating Document describing Contacts Page.	Ashay	Ashay	3	A
	Updating Document describing Friends Page.	Naqib	Naqib	3	A
As a user I want to have the updated blockchain of myself nicely displayed.	Testing	Ashay	Ashay	4	C
	Implementation	Ashay	Ashay	4	C
As a developer I want to have well tested activities with at least 75% line coverage.	Testing the Main Page Activity	Luat	Luat	4	A
	Testing the Friends Page Activity	Luat	Luat	4	A
	Testing the Contacts Page Activity	Ashay	Ashay	4	A
	Testing the Pair Page Activity	Luat	Luat	4	A
As a user I want to have a user friendly and self-learning main page.	Implementation				

Sending and receiving block messages: - Exchanging keys - Exchanging chains - Updating the chain	Implementation	Naqib	Naqib	7	B
	Documentation	Naqib	Naqib	3	B
	Testing	Naqib	Naqib	7	B
Adding key cache to speed up lookup of keys when blockchain is unchanged	Implementation	Naqib	Naqib	4	D
	Documentation	Naqib	Naqib	2	D
	Testing	Naqib	Naqib	4	D
Large refactoring of code in develop: - User class - Chain class - BlockFactory removal - Block construction simplification	Implementation	Ymte	Ymte	10	C
	Testing	Ymte	Ymte	8	C
As a user I want to have a user-friendly and self-learning page where I can see the contacts of the person I just paired with.	Testing	Ymte	Ymte, Luat	4	C
	Documentation	Ymte	Ymte, Luat	1	D
	Implementation	Ymte	Ymte, Luat	5	C
As a developer, I want to be able to display the average trust value of all blockchains in a fancy graph-like style.	Testing	Ashay	Ashay	4	D
	Documenting	Ashay	Ashay	2	D
	Implementation	Ashay	Ashay	4	D
As a user , I want to be able to confirm before I truly add or delete a contact	Implementation	Ymte	Ymte	2	C

because I might clicked add/delete accidentally.	Testing	Ymte	Ymte	3	B
As a developer I want to set my own information(Name, lba n) at the start of the app.	Implementation	Ashay	Ashay	4	B
	Testing	Ashay	Ashay	2	B
	Documentation	Ashay	Ashay	2	B
As a developer, I want to be able to verify the trustworthiness of a block using backtracking.	Testing	Jasper	Jasper	4	B
	Implementation	Jasper	Jasper	4	B
	Documentation	Jasper	Jasper	2	B
As a developer, I want to optimize the calculation and mutation of the trust values.	Testing	Jasper	Jasper	4	B
	Implementation	Jasper	Jasper	4	B
	Documentation	Jasper	Jasper	2	B
As a developer, I want to implement the ED25519 protocol to generate private and public keys.	Reading/ Documentation	Jasper	Jasper	4	B
	Testing	Jasper	Jasper	4	B
	Implementation	Jasper	Jasper	2	B
As a user I want my code to sufficiently good in passing CheckStyle/ PMD/ Flndbugs	Implementation	Luat	Luat	10	B

