Sprint retrospective, iteration #3

User Story#	Task#	Task Assigned To	Estimated Effort per Task (in hours)	Actual Effort per Task (in hours)	Done (yes / no)	Notes
Coding related to the Voting microservice	Creating the voting frame	Faizel	2	2	Yes	
	Create createVote endpoint (Rule Voting)	Faizel	2	1.5	Yes	
	Create proposeRule endpoint (Rule Voting)	Faizel	1	1.5	Yes	
	Create amendRule endpoint (Rule Voting)	Faizel	1	1	Yes	
	Create getRuleVote endpoint (Rule Voting)	Faizel	1.5	2	Yes	
	Create castVote endpoint (Rule Voting)	Faizel	1	1.5	Yes	
	Refactor the classes to fit the factory Design Pattern	Samuel, Faizel	1+1	1+1	Yes	

	Create createElection endpoint (Election)	Samuel	2.5	4	Yes	The initial endpoint took more time then the rest due to setting up of the structure
	Create getCandidates endpoint (Election)	Samuel	1.5	2	Yes	
	Create castVote endpoint (Election)	Samuel	2	2	Yes	
	Create applyForCandidate endpoint (Election)	Samuel	1.5	1.5	Yes	
	Write tests for Election	Samuel	2	2	Yes	More to come on Thursday and Friday (also in Association
	Implement Factory design pattern	Samuel	1.5	1.5	Yes	
Coding related to the Association microservice	Create Association Create/Join/Leave endpoints	Samuel	3	2.5		
	Create verify endpoint	Faizel	1	6.5	Yes	Took this long because after finishing it in voting i had to refactor it to association which ended up in the tests breaking. Debugging this took 4 hours.
	Create candidateVerification endpoint	Samuel	2	1.5	Yes	

	Task	Person	Est.	Actual	Done	Notes
	Create membership, refactored user and association	Qu	2	3.5	Yes	
	Created new repository and service for membership	Qu	2	3	Yes	
	Create report functionality including the object class, repository and service	Qu	2	2.5	Yes	
	Create endpoints and request model for report	Qu	1.5	2	Yes	
	Create the activities class, ActivityService and all functionalities for the basics of notice board	Dimitar	2	6	Yes	A lot of refactoring throughout the implementation and aproval
	Added functionality for reacting to events with participating and interested	Dimitar	1	4	Yes	There was quite a lot of refactoring again for the names and stuff
	Unit test the basic and standard functionality for the methods used in the endpoints of	Dimitar	2	3	Yes	

	Noticeboard					
	Create the Endpoints for Adding, viewing and reacting to activities	Dimitar	4	6	Yes	A lot of edge cases I had forgotten to account for lead me to fix a lot of code
	Test the Endpoints for NoticeBoard	Dimitar	2.5		No	I have tested everything with Postman but still nit to write proper test code for the endpoints
Miscellaneous coding	Fix pipeline on friday	Faizel	3	3	Yes	
	Fix gitignore	Faizel	1	1	Yes	
Report Task 1	Remake the bounded context diagram	Faizel	2	2	Yes	
	Make the "bounded mapped into microservices" part in the report	Faizel	3	3	Yes	
Report Task 2	Write descriptions of the Factory and Facade design patterns	Samuel	1.5	1	No	I still want to get feedback and review it myself
Coding related to the authentication microservice	Finish improvements to the authentication microservice	Albert	3	3	Yes	Most are validation and exception related.

	Finish adding the change password functionality to the authentication microservice	Albert	3	3	Yes	This is continued from last week's work.
	Write tests for the authentication microservice	Albert	2	2	Yes	
Coding related to the association microservice	Refactor code to reflect changes in authentication and the user class	Albert	1	1	Yes	
	Implement the history feature	Albert	3	4	Yes	Most changes below this one are awaiting to be merged in the same branch. The only thing left to do is integration tests for voting functionality.
	Write tests for the history feature	Albert	2	2	Yes	
	Write dummy endpoints to receive updates from the voting microservice	Albert	2	1	Yes	These may be removed later or they may be converted into actually useful endpoints depending on progress in other branches.
	Save history entries upon receiving updates from the	Albert	1	1	Yes	

	voting microservice					
Coding related to the voting microservice	Implement scheduler to send results from elections and rule votes to the association microservice	Albert	2	4	Yes	The scheduler checks for the first entry in either the election or rule vote repo, then sees if it's over then sends the results to the association.
	Implement methods to get results from elections and rule votes	Albert	2	3	Yes	
	Write tests for new methods in voting microservice	Albert	2	1.5	Yes	
Connect the voting and association microservice	Send requests from the scheduler to the dummy endpoints in the association microservice	Albert	2	2	Yes	Read the entry about tokens. Ran a test program with "fake" Elections / Rule Votes and managed to connect to the dummy endpoints in association.
	Make model classes for the requests	Albert	1	1	Yes	
	Make the requests from the voting microservice be authorized in the association service	Albert	2	4	No	I tried getting credentials from the current security context and that didn't work. I was only presented with null credentials. Then, I tried adding a "fake" user in the voting microservice and authenticating

						him. That resulted in proper credentials but still no authentication when trying to access the endpoint in association. I tried adding users / authentication tokens with the same data in both services and that still didn't work for some reason. Any help would be much appreciated. In the end, I removed some of the security from the dummy endpoints through the RequestAuthenticationConfig in order to access them.
Code of conduct	Write and format the code of conduct then make sure everyone agrees to it.	Albert	1.5	1.5	Yes	
Report task 1	Rephrase and edit text	Albert	1	1	Yes	
Adding the passthrough from association to voting	Making and testing of requestUtil	Timothy	7	7	Yes	
	Adding the actual endpoints	Timothy	4	4	Yes	
Adding council		Timothy	3	3		

endpoints						