**Notes (minutes) 6 December Meeting #3**

* **Chairman:** Vlad Nitu
* **Note taker:** Razvan Loghin

**Question Round:**

* Q: • Should we determine access levels in the flow between *User* and *Authorisation* microservices? → the only thing in auth: separate the activity owner to the user
* Q: • Is the page limit concerning text amount or literal pages? → text amount, we can split each microservice per one page
* Q: • Is the 4 pages limit just for Assignment 1.1 or for the entire assignment (both parts)? → only for task 1
* Q: • Does the additional deadline for working prototype mean (16.12.2022) is the deadline just for the documents? → 16th Dec. is the hard deadline for code contribution . If the majority of teams are not doing well ⇒ the deadline can be moved to 23rd Dec.
* Q: • Do we have to *safely store the password from the DB connection*, or just storing it inside application.properties file works? → just stored it in app proprieties
* Q: • For the “Builder” design pattern, are we allowed to directly use @Builder from Project Lombok, or should we implement it from scratch (as explained in the lectures)? → from scratch
* Q: • What design patterns would you *recommend* us to implement for Assignment 1? → strategy, factory
* Q: • For Assignment 1.2 – Design patterns, a ‘class diagram’ should prove how we implemented the design patterns for our entities? → Yes
* Q: • Is there any possibility to run the pipeline locally (before pushing it on GitLab)? → Go to steps that are relevant from the pipeline (eg. check-style, test) and if it runs locally it most surely runs also on gitlab
* Q: • Can we modify the check-style provided in the template? → Yes
* Q: • For testing purposes, is it necessary: for each service to have an Interface and then a class that implements that interface, or can we only go with the implementation class (without the interface)? → keep to hierarchy ⇒ interface first and then the class that implements it
* Q: • Can we assume user is non-mallicious (does not change the activityIDs we pass to it)? → No. Take into account malicious activity. Part of authorization. Add checks to be sure is valid.
* Q: • Can an Owner of Activity edit activity if already matched? → Design choice, it can be a ‘could have’

**Remarks:**

* Moving the time of next week’s meeting due to ADS exam
* The git-inspector runs every Sunday at midnight so make sure to merge until then so each member has contributions every week
* Every member should have at least a Merge Request every week
* Comments and feedback on MG are important
* For testing we should concentrate on doing Unit Testing first
* Use Mock Testing for communication between microservices
* Integration testing → a bit complicated, not obligatory, more to see when the grading rubric comes
* Multiple people can work on same branch
* The Coding work was already equally distributed between members and there were no objections

**UML Diagram**

* Has to be redone
* We have to model all API Points
* UML Diagram should be a combination between Fig.1 and Fig.4 from the Assigment 1 Draft

**Feedback**

* Assignment 1 Draft good overall, it was a bit over explained
* Good pace!
* Start coding and implementing the microservices
* Implementing the microservices will help figure out the structure and the design decisions