TDDI15 – Lab1 questions

1. **Why do we validate data before sending it to the server at client-side, as opposed to just letting the server validate data before using it? What we get and what we lose by it?**

With a pre-validation we might protect our self from outstanding SQL-injections. However it’s also a matter of cost and energy consumption, where the energy is consumed and how much data load we want to bother the server with.

Since communication take energy, time and data, all these three aspects are a matter in the determination of whether to validate before sending or validating at server side.

1. **How secure is the system using an access token to authenticate? Is there any way to circumvent it and get access to private data?**
2. **What would happen if a user were to post a message containing JavaScript-code? Would the code be executed? How can it oppose a thread to the system? What would the counter measure?**
3. **What happens when we use the back/forward buttons while working with Twidder? Is this the expected behaviour? Why are we getting this behaviour? What would be the solution?**
4. **What happens when the user refreshes the page while working with Twidder? Is this the expected behaviour? Why are we getting this behaviour?**
5. **Is it a good idea to read views from the server instead of embedding them inside of the “client.html”? What are the advantages and disadvantages of it comparing to the current approach?**
6. **Is it a good idea to return true or false to state if an operation has gone wrong at the server-side or not? How can it be improved?**
7. **Is it reliable to perform data validation at client-side? If so please explain how and if not what would be the solution to improve it?**
8. **Why isn’t it a good idea to use tables for layout purposes? What would be the replacement?**
9. **How do you think Single Page Applications can contribute to the future of the web? What is their advantages and disadvantages from usage and development point of views?**