

Test_report describes how testing was applied to your project (150-300 words)

While developing your system, testing is very important. Most of us noticed this already during the module 2 project. For this project the front end testing was very hard, because there are a lot of javascript methods that use and produce DOM elements. We didn't really find out how to test those methods. We did test the methods on the front-end that returned something. We used Jest for this. On the front-end we make api calls to the back-end to request or edit data. We tested the api calls manually through postman and using the network tab in developer tools. We checked what json the server would accept and checked whether the front end really sent the correct json. When the data arrives at the back-end, it goes through the recourse classes, the data is turned into a Bean, we checked whether Jersey did this correctly manually. After it goes through the bean, the data will access the database in some way, we do this in the DAO classes. For every DAO class, we made a DAOtest which tests every method in the DAO's by mocking data into the database and checking whether right things were returned. We also did a lot of functional testing to test the system as a whole, of course we could not test all the edge cases in this way but we tested the very basic functionality.