

Project Closing Report

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1 Evaluation

Product

We think the product meets the customers' requirements, because all of our tests provided the desired result. We also have made it possible that future venues are easy to be added.

Process

The conceptual and relational modelling went well. Mostly because with two people you have to justify your decision to the other person, so you need to have a solid reason why you do something. This forces you to think more critical about the final solution than doing it alone.

The implementation of the database also went well, again mostly because we had to discuss why we did something. The most challenging part was inserting the tables in the right order so that the references table already existed.

The one thing that was difficult were the implementation of constraints. The testing also was a bit difficult, some of the tests were really easy and straightforward, but some were quite difficult. The last test was quite difficult to implement because it required to use an aggregate function on an aggregate function (the max of a sum). We also had a bit of difficulty with checking if 3 days are already past the booking date.

Learning outcomes / doing different

We learned how to practically implement a database from the beginning based on a case assignment. It was interesting to see how many kinds of variables are influencing the database design. It also showed that a good conceptual and relational model helps a lot when physically creating the database.

Next time we would maybe pay more attention the constraints. Now we didn't understand much about the constraints when making the repository, which would have been very beneficial when making the actual constraints. Now we were often realising that we were missing a constraint in the testing part.

2 Time management

Task	Marius	Mihkel
Conceptual Modeling	60	60
ER Diagram	45	75
Repository	45	15
attributesTotal	30	30
Relational Schema	45	45
Relation validation	15	15
Integrity constraints	0	0
Review awnswers	20	20
create Table and constraints	60	60
Create index	10	10
Create data	30	30
more data creating	45	45
tests	15	
more test (and updating cosntraitns)	120	120
the last 8 tests	100	30
writing report	30	30
diagram	5	5
Total	675	590