**How did the pair work together?**

We worked quite well together, after all this year being roommates, we have a good understanding of each other strengths and weaknesses. From the beginning, we had a clear and straight forward communication. We divided the work equally, and if one of us got stuck and needed help the other one was there and tried to help.

**What were each team member's unique contributions to the completion of the** **project?**

Álvaro focused mainly on the BS statement and Felix worked on the P&L statement. Nevertheless, we tried to help each other as good as we could. Álvaro was more familiar with the SQL syntax, whereas Felix had a solid background in accounting.

**What were the key SQL/technical learnings behind this challenge? If you were** **to do it all over again with the same time pressure, what would you have done differently from a technical point of view?**

The main challenge was creating a store procedure as it was the first time, we were doing one and it has some functionalities that we must get familiar with. The second one was closing the balance sheet, something that can be tedious if you don’t find the right accounts, especially if you haven’t done accounting for a long time.

What we could have done different would be: being organized when doing stored procedures. Doing them slowly is more efficient at the end of the day. Trying to do everything at once ends up being inefficient as it is quite hard to find where the bug is afterwards, and trust me, you will always have one!

**What were your key learnings in this course? In this assignment?**

For this course:

* We can proudly say that we learned A LOT of SQL, it was a lot of work, of course, but it paid off. We are now confident in our SQL skills and there was no way around it: practice, practice, and more practice.
* Always double check if you submitted the right file. The devil is in the details. Better work slower and more precisely, rather than rushing through a coding part and make some sloppiness errors. Finding these afterwards can take a while.
* You should start simple and built up your query step by step. Test sub-queries before and see if they are working, before you implement them in the bigger one.
* Be careful with cartesian products. They can slow down the whole server. SELECT DISTINCT doesn’t solve them, just masks them, making it harder to identify them.
* A lot of advice in the format perspective; in video recordings, in SQL, with good practices for everyone to understand our codes, and with papers.

For this assignment:

* Creating a stored procedure: we must say that even now after having done quite a few for this assignment, we will still have to put some more hours to fully understand how stored procedures work, it can be confusing at first.
* Getting familiar with temporary tables: after “H\_Netflix” and now “H\_Accounting” I think everyone should have a clear understanding of how they work and how useful they can be when you are basically testing if you got to the results you wanted.
* Accounting regard was also a huge challenge for this assignment, remembering where each account goes and how it works was nice dusting off this knowledge.

BALANCE SHEET SCREENSHOT:

A screenshot of a computer

Description automatically generated with low confidence

PROFIT & LOSS SCREENSHOT:

Graphical user interface

Description automatically generated with medium confidence

CASH FLOW STATEMENT SCREENSHOT:

Calendar

Description automatically generated with low confidence