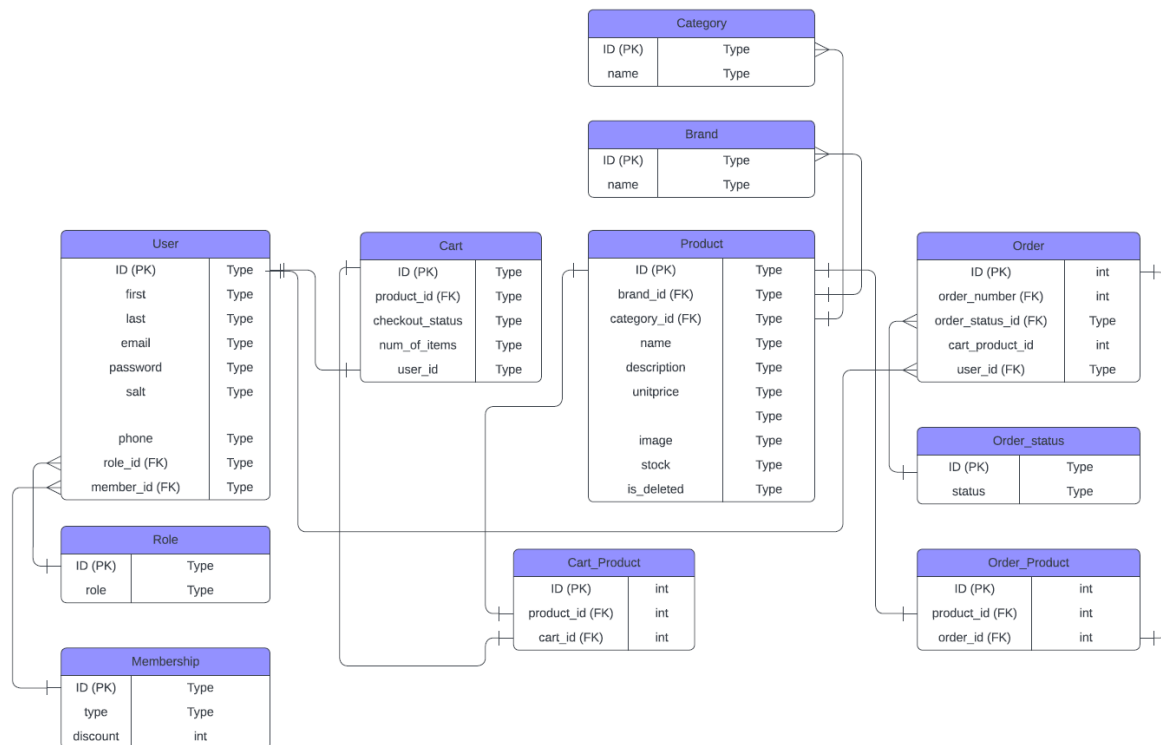


# Reflection Report – Sebastian Stillesjö

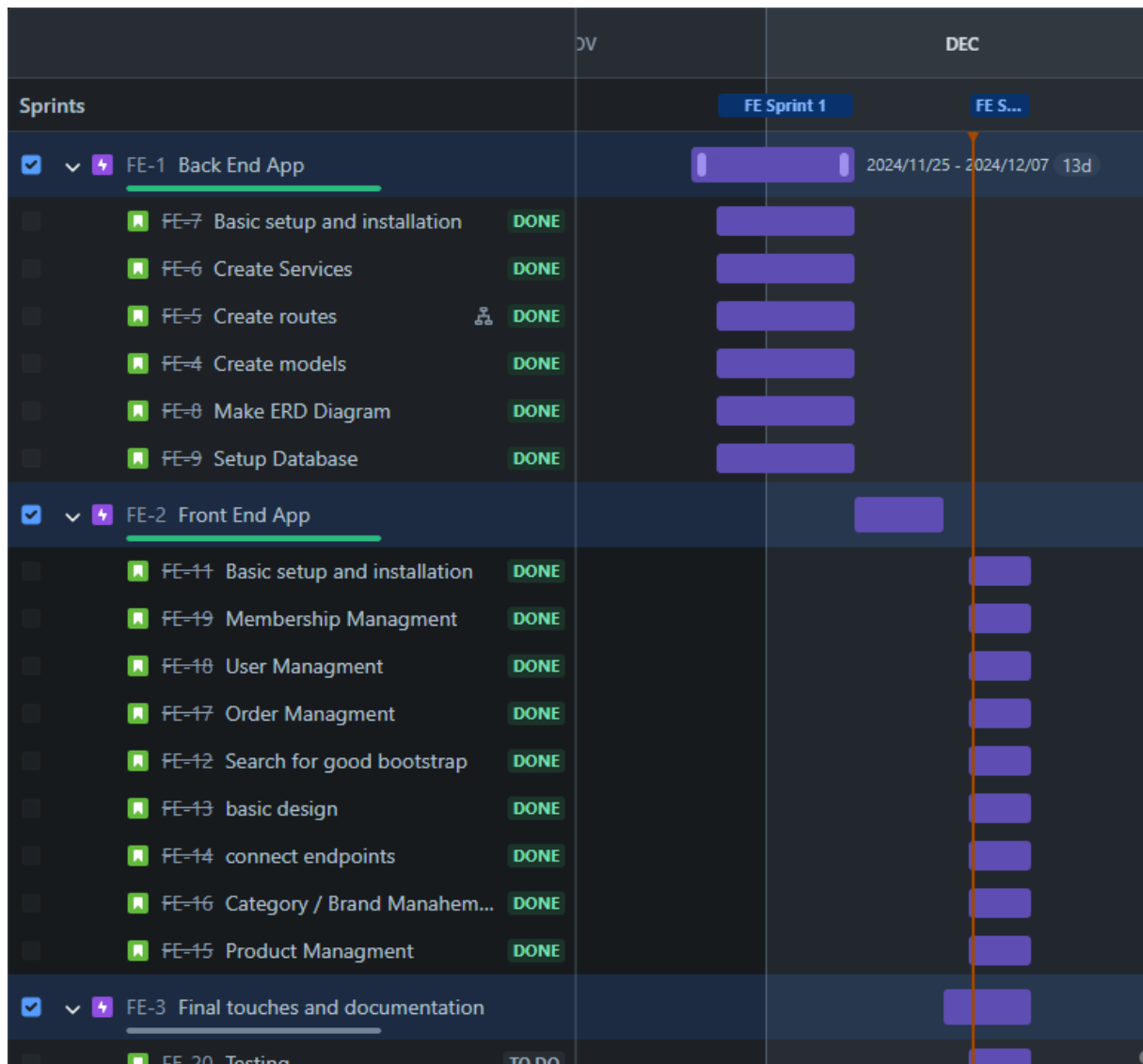
## Initial planning

I first started with the instructions. What was expected, and what was “nice-to-haves”. Then I moved on to the basic setups, creating a jira project, creating the apps and installing the basics. The second thing I did was to draw up all the thinkable tables and to create a ER-diagram with miro and to think about the relationships.

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After that I made my first sequelize models with help from earlier assignments and chatgpt. I then moved over to the making of all my epics, using the instructions as a guideline.



## The Backend App

I started with the backend naturally, creating models, routes and service and testing the endpoints with postman. My starting point was earlier assignments, and modifying the requests and responses. This went along great, since it was fresh in memory, due to the recent server assignments.

## The Frontend App

This app was more time consuming and involved more parts. I decided to use a bootstrap table template from colorlib to get a boost in the design choices. I also used a basic template from codepen, which is a site I like were much. The trouble started when I tried to make my own backend API ´s and trying to get the data out on the ejs and into

the tables. The hardest part was to figure out how to store the token data in the frontend app and the dynamics of the token. This took a very long time to figure out and I tried everything it seem like. I tried to use a cookie, req.cookie, for a long time, but i couldn't get it to work. I finally settled on storing the token data in a session, but it was a long road to that point.

### **The Third Final Part**

This week I have tried to put everything together and tried to test all the different elements. I made all the tests and implemented swagger.

### **Final Reflections**

This my biggest challenge in coding so far. My biggest mistake was that i underestimated how long every little thing took. I thought that the frontend app is one week, the backend app is one week, and the tests and documentation one week. But I didn't think about the planning of the project at the beginning, I didn't think about the debugging time, and so on, and that the planning part was also part of the planning. I got stuck on the frontend app, so the last week became very stressful. I am proud of what I done, but im also a bit disappointed of what I didn't have the time for. If i hade one more week, I would have done the structure of routes more consistent, (now it's a little bit wild west), I would have done the error messages more descriptive and consistent, sending the messages back from the services to the routes and to the user. I also would have made the javascript on the fontend less repetitive.

Thank you guys for this big challenge! I have learned so much. I hated express in the beginning, but now I like it.

### **.ENV**

HOST = "localhost"

ADMIN\_USERNAME = "admin"

ADMIN\_PASSWORD = "P@ssw0rd"

DATABASE\_NAME = "finalDatabase"

DIALECT = "mysql"

PORT = "3000"

TOKEN\_SECRET =

'4a6ca05a363dc20760bffa50f1ff7a01e59dbb32522d7d08d6f4bc656e973bd190a912bd47cf12e65c28fe1ea47de61cfcaf8bf2d6f7086639c60e04abdb1e56'