**Difference in Backends**

There are three methods that we need to cover when we want to find out the difference between our code for “cleaning service”, and the code for backend b “rent a book”. Those methods are: 1) Add a service/book to the system, 2) Rent a service/book, 3) Create a user and login user. There are of course many other comparisons that could be made, but these three methods are the main ones by the judgement of group members, and therefore will only be covered here.

1. **Add a Service/Book to the system**

Not much of a difference, other than there are more date details in the new registration of a service than in a new registration of a new book. Both take the necessary information needed for registration, and writes it to the database (csv or json).

1. **Rent a Service/Book**

The cleaning service backend has more detailed rental system, with dates and times for example. Thereby, the cleaning service system is more complicated and does not scale as much as the book rental backend. The cleaning service system would be much more heavier in process during high level of system usage. However, when a book is rented, there is no detailed return date and the book owner must set the book status himself/herself to “available” by hand when the renter returns it. As can be seen by these two examples, there are always pros and cons by doing things one way rather than another.

1. **Create a User and Login User**

Not much of a difference between the backends when creating a new user within the system. The cleaning service backend has a safer login system in comparison to the book backend system, since you only need user id to login the book backend but in the cleaning service system you need a username, a password and to reconfirm the password as well before you are able to get into the actual system.

**Optional Methods:**

The system backend for book service has many excellent (and more) optional methods, as the cleaning service backend has none (as the system stands after Sprint 3).