Week 4: Use Cases

blog.bookly.online

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This week we revised the scope of our features and defined our system. The use case diagram has also been extended accordingly. We will gradually formulate and document the features that we want to implement by December.

Our system on which the application runs is a Linux server. For the time being, we have 15GB of storage space available. We set up a user for the CI deployment of Gitlab. He should only have the privileged right to update and restart our application. The idea behind it is as follows:

- Gitlab builds the application with all dependencies
- GitLab logs on to the Linux server via a securely stored SSH key.
- then the finished JAR file of our SpringBoot application is copied to the system and overwrites the old version
- an already configured system command restarts the application process with the exchanged JAR file

We want to deploy our application automatically because this is a process that is repeated permanently over the two semesters. The setup saves us a lot of time. We want to bring our changes live on a regular basis and always have access to an up-to-date application status.

And now to the actual use cases

Even though the account processing does not count as a use case, we still included it in the SDS and visualized it. See the following document:
https://gitlab.com/project_bookly/bookly/tree/master/design/Account.md
(Don't worry, we didn't count it as a use case and did a bit more)

We have divided the functions of the friends book into page entries and the book per se. A page can be added, edited, deleted and viewed. A book cover can be edited and viewed. (Later several books will be added and can also be deleted). Since these are the most basic functionalities of our application, we don't want to classify them as just two CRUD-UCs, because they are more complex and take longer to implement. See the latest Manage Page and Manage Book.

Each UC is described narratively in words, as a mockup and as an activity diagram. The sub components are also linked in our latest SRS.