Features

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1.1 BauX-App

- **Login**

A foreman can enter his username and password, if the input parameters are valid, the "login" button takes him to the next window where the next feature of the app is waiting. The entered data will be saved during runtime. We tried, but in the end we were not able to establish a connection to the database.

- **Enter Names**

After logging in, the next App-Window appears. In this one the foreman can enter his name and the names of the other workers working among him in his batch.

- **Enter Hours**

With this feature the foreman can enter his hours as well as the hours of the workers in his batch into the corresponding time windows next to the fields where the names were entered. By pressing the "enter"-button you get to the App-Window.

- **Enter Report**

In this App-Window the foreman can then write his work report into the "Enter Report" window and this one has a feature too.

- **Scroll Feature**

In the "Enter Report" Window the foreman can write about the occurrences happening on the construction site as much as he wants, because we implemented a scrollbar in the window.

- **Sending package to database**

The report and the stored hours should be stored in a Json package and this package should then be sent to the database. The project leader tried his best to accomplish this task, but with his current knowledge and the available time he unfortunately was not able to do this.

1.2 BauX-Workspace

- ## Login
Fixed passwords and user-names for the secretaries were created in the database. With the help of these, the secretaries can login and access the workspace by clicking the login-button.

- ## Logout
There is a "logout" button right on the top in the workspace. When the secretaries press this button, they are logged out of the workspace and return to the login area.

- ## Download report
After logging in, the first thing you find in the workspace under the logo, is a Datepicker with a Download button next to him. It was planned, that you should be able to download all the reports of a specific day you choose as pdf, but we did not succeed.

- ## Time window from-to
This feature has two datepicker, that help you creating a time-period, which shows you a table of all workers, their worker-id, group-id, rank and the worked hours the worked in this time period.

- ## Table of worker with searchbar
With the help of the searchbar that we implemented in our workspace, you can filter out some workers when you want to. For example: you only want to see the workers, who have the group-id 2.

- ## Table of groups with searchbar
The second table visible on the workspace, contains data about the respective groups. It has the same feature with the search bar as the worker table.

- ## Number of entries
Both tables have a window on the left top where you can choose how much entries should be shown in the table.