

# Assignment 10 - Booking admin

**Deadline: 02/05 08:00**

This exercise is related to Assignments 3, 6 and 7 from before. Your task is to develop an admin back-end for the booking site using a combination of technologies (Smarty, MySQL, Bootstrap, AJAX, and DataTables) and to deploy it on the ux.uis server.

- It is possible to do this assignment even if you did not complete Assignment 7; the only shared part is the properties MySQL table. If you don't have your own properties table, you can use the one given in `samples/properties.sql`. (You can find the image files in the reference solution of Assignment 3.)

The skeleton of the solution is provided.

- Style all pages using Bootstrap. See the `samples` folder for screenshots on how it should look like.
- Login is already implemented, but it works only with a fixed username ("admin") and password ("admin"). Create a database table for storing database admins (usernames and passwords).
  - Use hashing for the stored passwords
  - The missing parts are indicated in `Login.class.php` with TODOs
- List products using DataTables with server-side processing and AJAX
  - See Bootstrap Exercise #10 for a working example
  - Pagination and sorting must be implemented; the search functionality is optional, it is not required
  - Implement the server-side processing in `list_properties.php`
  - If the description or details fields are longer than 30 characters, display only the first 30 characters from them and add ... after that.
  - Clicking on the name of the property in the listing should take to an "edit property" page
  - Add an "add property" button on the listing page
- Create a form for adding and editing properties
  - The same form can be used both for adding and editing; it is already set up like that in `property.php`, only the TODO parts need to be completed.
  - Check that the property name, location, description, and photo fields are not empty
  - The form and the related alert/success messages must also be styled using Bootstrap
  - It is **not** needed to implement functionality for uploading the property photo file; it is enough to store the filename in the table
  - You can use and extend the `Properties.class` from Assignment 7
- Deploy your solution on the ux.uis server
  - Copy all the files to `public_html/dat310-booking` so that it is available under `http://www.ux.uis.no/~yourusername/dat310-booking/admin.php`
    - (Yes, you will need to copy the files next to the files from Assignment 7)
    - If you use another address your assignment will not be accepted!
    - There is a direct link to your A10 delivery under "Profile" on the [online course admin](#).
  - Add at least 15 different properties to your database
  - **Create a test admin user** with username=test and password=admin123 (we will use this when testing your solution)

Commit and push files to GitHub.