

Trial Test

Web Programming

Download the file https://www.sws.bfh.ch/locher/webprog/div/trial_test.zip and unpack it somewhere inside the document root of your Apache installation. You don't need a database connection as the data is stored in an XML file. Test the website by going to `http://localhost:<your-port>/<your-path>/trial_test/index.php`. (You don't have to do that! But it will help you writing the test as you can check your solution immediately)

Finish: Create an archive (zip) of the whole folder `trial_test`, name it after your student-code and send it by email to

1. More Details

Fill the "More Details" overlay with data of the apartment. For that, implement an Ajax request. You may have to adjust the JavaScript file `assets/js/main.js` and to create a new PHP file. Display at least the slogan, the description and all images.

For the images create a class `Image` (`lib/Image.class.php`) having a public constructor and a public function `render`. Display the description of the image in the `alt` and `title` attribute of the `img` tag. Pass all information (the array of images, the array of image descriptions and the index of the image to render) by the constructor.

2. Form Validation

Implement the client-side as well as the server-side validation of the register-form. For the client-side validation use HTML5 features or JavaScript. Make all but the comment field required and make sure that the email is a valid email-address and the zip-code is a four-digit number. You may use regular expressions. If the form on server-side has been validated invalid, display a short message to the user.

Hint: You have to edit only `register.php`.

3. Protect Data

Protect the data-folder `data` to make sure the file `data/apartments.xml` is no longer accessible via HTTP.

Hint: Create a `.htaccess` file.