Computer Supported Learning Research Group
Prof. Dr. Ulrik Schroeder

RWTH AACHEN UNIVERSITY

Web Technologies
WS 2011/2012

Assignment 3   **Deadline 10.11.2011, 08:00**

Please submit your results into the "Shared Domain" section (in your group wiki and folder).

If you have questions regarding the assignment or encounter difficulties then please use the L^{2}P forum or visit us Wednesdays from 2 p.m. to 4 p.m. in Room 6010.

Task 3.1: Movie reservation

We'd like you to implement <u>one single</u> website that can be used to get information about neighboring cinemas and reserve cinema tickets online. Just focus on HTML5, JavaScript and CSS, do not implement any server-side scripts. Your website should obviously have a form and it should make use of the new HTML5 tags, like <header> or <nav>. You should also use at least three of the new HTML5 features we discussed in the lecture (e.g. new input types, media embedding, the canvas element, the local/offline storage, geolocation).

Please note that you will extend this small website in the next assignment with some server-side scripts.

To support a scientific project, we'd like you use the application WebDale (http://webdale.sail-m.de/) which can be used to implement HTML, JavaScript and CSS and which is also capable of PHP and MySQL. For HTML, there is a what-you-code-is-what-you-get functionality, so you can see in real-time what you have implemented. Furthermore, WebDale offers the possibility to send questions if you have a problem that you can't solve on your own. Group-logins will be provided until Thursday, Nov. 3rd, 12:00. Please note that you don't have to use WebDale, you are free to use the development environment of your choice but it would be great if you support this project.

Task 3.2: XPATH

Please consider the pdf "expression.pdf", uploaded to L²P. Please use the expression at the top of the pdf to decide which elements are selected in the three given XML documents. Colorize the selected elements.