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**Specifications for the sample working**

Dear / r candidates / in,

On the following pages you will find the specifications for the sample work. When the application is a simple blog.

We want to get the sample working an insight into your style, your approach and your skills.

Please note the following:

• It does not use a framework / MVC frameworks is allowed

• Smaller libraries such as Smarty jQuery or may be used

• You have a total of 5 hours for the application available

• The total amount of applications exceeds aware the processing time of 5 hours. Work still concentrated and quickly (on average about 80% of applicants provide application ready to ask).

• If you have completed parts of the application, test it on operability and accuracy

• The application must be implemented object-oriented and have a clean structure

• If you have questions or problems do not hesitate to talk to your partner. The aim is to produce as much good working code in 5 hours.

• Ensure the implementation that you do not run with the implementation of a "mini-frameworks" or in the creation of structures. The aim is the creation of a blog, at the highest possible level.

For questions about technical specifications please contact your contact person at any time.

Good luck and thank you for your time and your interest!

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The basic functions of a blog you are no doubt aware. On this basic understanding, we build on.

*1.1. Database and data model*

All data are to be stored in the allocated MySQL database. The Relational Data Model for you need to create on the basis of requirements. Maintain a structured naming. All identifiers (eg, tables, fields, variables) and the documentation must be drawn up in English.

*1.2 Extent of development*

Normally, programs divided into a front-end to (the "visible" blog) and a backend (administration of the system). In this simple blog there is only one front-end area. A separate administration interface and a user documentation is not to create. Only the source code is inline to document (in important places such as solutions of extensions also detail).

Certain areas are designated as 'extension', edit this only if you have implemented other functions. Note that you do not time to deal with the basic functions, you do not pay attention to fight on several fronts. The create parts should be accurate and complete. Create all extensions You can attach your own extensions. You can write the specification notes everywhere.

*1.3 Checklist*

So that we know what parts you have edited, you will find a checklist here. Highlight completely finished and functioning parts accordingly. Also for partially finished parts, there is a range.

|  |  |  |  |
| --- | --- | --- | --- |
| **Nr.** | **Area** | **partly** | **completely** |
| 2.1 | surface |  |  |
| 2.2 | Home page |  |  |
| 2.3 | Detail page |  |  |
| 2.3.E1 | Extension Spam |  |  |
| 2.4 | Login |  |  |
| 2.5 | Logout |  |  |
| 2.6 | Add entry |  |  |
| 2.6.E1 | Extension Rich Text Editor |  |  |
| 2.6.E2 | Extension Editing of entries |  |  |
| 2.7 | Imprint |  |  |
| **Your Extensions** | | | |
|  |  |  |  |
|  |  |  |  |

**2. frontend area**

*2.1 Surface*

The surface is relatively simple. Structurally, you can follow the known blog sites. It follows a small scheme:

Space for image (links to home-page)

Home-page - Login – [Add entry] - [Logout]

Content

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Above is space for the blog header (a graphic or banner). Below this is the menu bar link to the corresponding pages. In the middle are the content (more on that later). In Footer is just a link to the Contacts page. "Add Entry" and "Logout" will appear only after a successful login.

*2.2 Home page*

The home is also the overview page with all entries, ie once you get to the page, the first 3 entries appear. About the same page, you can scroll to older entries (Sort Descending by date, ie newest listed first):

Lorem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore.... [lesen]

Heute: Titel 1

Autor: $name

%anzahl% Kommentare

[....]

Lorem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore.

01.05.2006: Titel 3

Autor: $name

$anzahl Kommentare

Zu den älteren Einträgen

The entries appear with:

* Date (German Format if date today then instead of Date "Today")
* Title
* Text (wrapped accordingly, if more than 1000 characters, with "..." completed)
* author (the author's name, just the login name)
* Comments (Number of comments to the article)

After the third entry of the link appears to go to the previous page. If there are no previous records of more link no longer appears.

The entry is linked as follows:

* Title, number of comments (number and text): This links to the detail page
* Author: Displays only entries of the author and link to the first page. The logic is the same, but just Entries an author are displayed.

Otherwise, there are on the summary page no further functions.

*2.3 Detail page*

The entry will be fully displayed, otherwise the display of the entry is unchanged. The links are also completely identical:

In addition: In the entry All comments appear to entry, numbered (starts at 1 and runs continuously on, so: 2, 3, 4, 5). A Paging is not required, it can be displayed directly all Comments.

If one is currently logged in as a valid user, the IP of the entry appears after the time. In addition to the title of the entry will "delete" (only if you created the entry). Clicking on Delete, will see a Javascript YES / NO query Choose Yes, the entry including all comments will be deleted.

At the very end there is a form for entering a comment the following entry:

[....Entry as to Home...]

1 comment yet:

1. Max (link to the URL you entered) said: (06.10.2006 12:34):

I think the record is very good, keep it up!

Leave a comment:

Name

Mail (optional)

URL (optional)

remark

Send

When you enter the name and comment required. Missing an entry or appear valid (syntactically wrong), the form is reloaded with an error. Remain inputs. In addition, the comment IP address is detected. Once the comment has been detected in the comment under the entry appears.

With each comment the author receives all the information of the comment in an informal e-mail, the subject line: "Comment by Max to: $ title".

Expansion 1: Perhaps you have an idea of how to protect the blog from comment spam, so no automated or not too many comments can be made.

*2.4 Login*

Users can log in via a link, this login name and password will be requested. In existence for the user is a valid entry in the database, the user is logged in and redirected to the home page. If you logged in will see two additional menu links: "Logout" and "Add Entry". The menu item "Login" disappears.

**Notice:** A form for registering of members is not required (you wear this manually)!

*2.5 Logout*

It is only performed a logout. The "internal" links "Add Entry" and disappear "Logout", you land directly on the homepage.

*2.6 Add Eintrag*

Here, a new entry will be added. The new entry is assigned to the user who is currently logged on, another assignment is not allowed. So queried only date, title, and a text description. Following the successful insertion of an entry you will be forwarded directly to the detail page of the entry. You will immediately appear on the home page (corresponding to the date). The date is before filled with the date of today.

For this form, there is no default. Shape it according to the requirements of a real "blog writer".

Expansion 1: Take a publicly accessible Rich Text Library so you can also make the text bold (eg TinyMCE).

Extension 2: Expand the Detail Page in addition to the "Delete link" with an "Edit Link", which invites the entry and (remain only title and content, date and author unchanged) for processing permits. One may of course only deal with his own messages.

*2.7 Imprint*

The imprint is a static page and can eg be filled with your data.

Expansion 1: Get started data from the database and list their contact details on (login name, full name, street, postcode, place). So all authors appear in Contacts.