



Work sample specification sheet



Welcome!

This document is the specification sheet for your work sample today. The application you have to create is a simple blog.

Therefore, you have to take in account the following points:

- Do not use any MVC framework.
- The integration of composer is explicitly desired.
- You may include single libraries by composer.
- You may not be able to solve all tasks in the given amount of time.
- Quality over quantity.

If you have questions do not hesitate to ask us. Someone should be around all the time. We wish you every success and look forward to your result!

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1 Introduction

You should be familiar with the main functionality of a blog. This is what we expect. Consider that all documentation, namings of variables or database fields should be in English.

2 Backend

2.1 Database and data model

Save all the data in the MySQL database, which is running on your vagrant machine. You have to create the relational data model by yourself with regard to the requirements. Take care of a structured naming.

3 Frontend

Create the frontend as it is shown in the following wireframes. You will find several tasks underneath each wireframe image. In general, we say backend over frontend – today. The only thing you should absolutely focus on are safety related technics to avoid data loss or any unwanted behavior on each site.

3.1 Layout and navigation



- Blog image is linked with “home”.
- „Login/Logout“ is shown as it makes sense.
- „Neuer Eintrag“ is only available when you are logged in.

3.2 Home and overview

Bloglogo
&
Link

Blog Name

Übersicht [Neuer Eintrag] Impressum [Login/Logout]

Heute, 14:11h - Titel 1

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Article Picture

Author: Authurname Kommentare: 2

11.06.2018, 08:30h - Titel 2

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Author: Authurname Kommentare: 2

10.06.2018, 19:45h - Titel 3

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Article Picture

Autor: Automame Kommentare: 2

1 - 2 - 3

- Cut articles content to 1000 characters and postfix with '...'.
- Three articles are shown per page and sorted by date.
- You can switch pages by clicking on the page links below the article list.
- A click on the text, created date, image or comments will redirect to the detail view.
- Get a list of all the authors in a pop up window by clicking the author's name.

3.3 Detail view

Bloglogo
&
Link

Blog Name

Obersicht [Neuer Eintrag] Impressum

[Login/Logout]

Heute - 14:11h

Titel

Article Picture

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Author: Authurname

1. Max meinte am (Heute, 15:22h): Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et do. [X]

2. Sandra meinte am (Heute, 15:05h): Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dol. [X]

3. Admin meinte am (Heute, 14:32h): Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore. [X]

Name*:

Mail:

URL:

Kommentar*:

Absenden

- Full article is shown.
- If you are logged in, you are able to delete comments by clicking the “X” and confirm the deletion by a message box.
- If you are logged in, you may leave a comment. Mandatory fields are marked with ‘*’.
- Extra: Think about technics to avoid automatically creation of comments or articles.

3.4 Login

Bloglogo & Link	Blog Name
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Übersicht [Neuer Eintrag] Impressum [Login/Logout]

Benutzername:

Passwort:

Login

- Take care about all safety related issues.
- Switch “Login” and “Logout” regarding current user login state.
- Show and hide navigation links regarding current user login state.
- If the login fails show a message without revealing information about the existence of the user or incorrect password.
- You do not have to create an admin site.
- Extra: Think about how could you avoid brute forcing.

3.5 Logout

[Login/Logout]

- User will be logged out and redirected to the overview page.
- Take care about all safety related issues.
- Update navigation bar and show only links which are available offline.
- Exchange „Login“ with „Logout“.

3.6 Add entry

Bloglogo & Link	Blog Name
-----------------------	-----------

Übersicht [Neuer Eintrag] Impressum [Login/Logout]

Titel:

Link zum Bild:

Text:

Absenden

- All fields are mandatory.
- Use <https://placeholder.com/> for the links to the image.
- After post the user is redirected to the overview.
- The “created” date contains the current timestamp.
- Extra: Use a rich text editor within a javascript library.

3.7 Imprint

Bloglogo
&
Link

Blog Name

[Übersicht](#) [\[Neuer Eintrag\]](#) [Impressum](#)

[\[Login/Logout\]](#)

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- Add the static content.
- Extra: Add any author dynamically.

4.1 Your extensions

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