

Geekaboo Web Development would like a new website. The website design is shown in Figure 1.



Figure1 Main website design Geekaboo Web Development

It is up to you to create this website. Through Blackboard you can download all the files you need to build this page.

All images are in the correct format and the text is provided in the file text.txt.

This website must meet a number of requirements. If the requirement is not in this list, you are free to solve it in your own, but **correct**, way.

General

- HTML 5 compliant
- A separate (CSS) stylesheet
- A separate folder with the images of the website
- Layout by grid and/or flexbox

Pages and Links

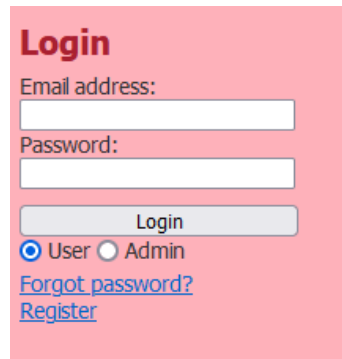
- The texts "HOME PAGE", "REGISTER", "CONTACT" are part of the navigation menu.
- The text "HOME PAGE" refers to the main page: index.php.
- "REGISTER" and "CONTACT" are dummy links and do nothing.

Browsers

Geekaboo Web Development wants the websites they create to function effortlessly on different browsers. In this ever-changing digital world, new browsers appear regularly. Geekaboo wants to build the middle column "We create websites for:" dynamically so that it is always up-to-date. See assignment 2 for a detailed description of the requirements.

Login

In the left column on the page, you can log in (see Figure 2). When logged in, you will see a page like the one shown in Figure 5. Assignment 3 describes the requirements for creating this functionality.



Login

Email address:

Password:

Login

☒ User ☐ Admin

[Forgot password?](#)

[Register](#)

Figure 2 Login

Font families and styles.

- The general font is Tahoma, Geneva, sans-serif; (font size 14px) with the colour #333333 unless otherwise shown.
- Menu items have the colour black or #000000.
- Texts in the footer have the colour white or #111111.
- The background colour of the footer is black or #000000.
- The page title contains the following text: Geekaboo | Web Development.
- The colours of the headings are shown in Figure 3: a92030, c99f1a, 4dab50.
- The colours of the columns are shown in Figure 3: feb1ba, e1d7b9, d7efd7.

For other information, see the following screenshots.



Figure 3 Hover and colours for Geekaboo Web Development's website



Figure 4 Website displayed in a browser.



Figure 5 When logged in.

Assignment 1

Develop the homepage of this website as shown in Figure 1, Figure 3, Figure 4, and Figure 5, implementing all the requirements. Make the whole thing look as much like the screenshots as possible.

A number of resources have been made available for creating this website, which can be downloaded from BlackBoard. The following files have been made available:

- logo_geekaboo.png
- ff.png, ie.png, netscape.png, opera.png, safari.png
- text.txt

All images are in the correct format. The long texts are in text.txt. So, you don't have to come up with your own text.

Assignment 2

Given is the following array:

```
$browserType = array("ff", "ie", "opera", "safari", "netscape");
```

Use the above arrays to dynamically render the "We create website for" section (middle column), as you see them on Figure 1. It should meet the following requirements:

- The contents of the arrays should not be modified.
- Make your elaboration as efficient as possible.
- Make sure your elaboration is still correct when the number of elements in the array is changed.

Assignment 3

After clicking the "Login" button, the server-side login should be checked for correct entries. If any fields are entered incorrectly then clearly feedback to the user that the login data is incorrect (see figure 6a). Only if everything is entered correctly then the logged-in index.php page follows (see figure 5).

The following conditions should be checked:

- When it is chosen to log in as User (radio button is selected to User), the email address user@user.com with the password "user" must be used. This may be hard coded into the code checked.
- If it is chosen to log in as Admin (radio button is selected Admin), then the e-mail address admin@admin.com with the password "admin" must be entered. This may be hard coded into the code checked.
- When logged in, the username is extracted from the email address. The username is the piece before the domain name.
- When you are logged in, it should say: Welcome, UsernamE. So, the first and last letters of the username must be uppercase.
- In addition, an extra menu item called "LOGOUT USERNAME" is added.
- Example: if user user@user.com is logged in, it should say "Welcome, UseR". The menu then displays "LOGOUT USER" (see Figure 5).

If the conditions are not met, this must be shown on the main page with red letters (see Figure 6). This text may be in English or Dutch. Examples of text: 'The e-mail address is not correct', 'The password given is not correct'.

For this assignment, you do not need to use Sessions and Cookies (this is not part of the Web Development module). So, when the page refreshes, you are logged out again.

The screenshot displays the Geekaboo web development website. At the top, the logo "Geekaboo" is shown with "web development" underneath. Navigation links for "HOMEPAGE", "REGISTER", and "CONTACT" are in the top right. The main content area is divided into three columns. The left column, titled "Login", has a pink background and contains a red error message: "The password given is not correct". Below this are input fields for "Email address:" and "Password:", a "Login" button, and radio buttons for "User" (selected) and "Admin". Links for "Forgot password?" and "Register" are also present. The middle column, titled "Browsers", has a tan background and shows logos for Firefox, Internet Explorer, Opera, Safari, and Netscape. The right column, titled "Welcome at Geekaboo", has a light green background and contains a paragraph of Lorem Ipsum text. The footer is a dark green bar with four sections: "Info about Geekaboo", "Service at Geekaboo", "More from Geekaboo", and "Warranty at Geekaboo", each containing a paragraph of Lorem Ipsum text. A copyright notice "© Geekaboo 2023" is in the bottom left.

Geekaboo
web development

[HOMEPAGE](#) [REGISTER](#) [CONTACT](#)

Login

The password given is not correct

Email address:

Password:

Login

☒ User ☐ Admin

[Forgot password?](#)

[Register](#)

Browsers

We create websites for:

Firefox Internet Explorer Opera Safari Netscape

Welcome at Geekaboo

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Aenean commodo ligula eget dolor. Aenean massa. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Donec quam felis, ultricies nec, pellentesque eu, pretium quis, sem. Nulla consequat massa quis enim. Donec pede justo, fringilla vel, aliquet nec, vulputate eget, arcu. In enim justo, rhoncus ut, imperdiet a, venenatis vitae, justo. Nullam dictum felis eu pede mollis pretium. Integer tincidunt. Cras dapibus. Vivamus elementum semper nisi. Aenean vulputate eleifend tellus. Aenean leo ligula, porttitor eu, consequat vitae, eleifend ac, enim. Aliquam lorem ante, dapibus in, viverra quis, feugiat a, tellus. Phasellus viverra nulla ut metus varius laoreet.

Info about Geekaboo
Etiam rhoncus. Maecenas tempus, tellus eget condimentum rhoncus, sem quam semper libero, sit amet adipiscing sem neque sed ipsum.

Service at Geekaboo
Etiam rhoncus. Maecenas tempus, tellus eget condimentum rhoncus, sem quam semper libero, sit amet adipiscing sem neque sed ipsum.

More from Geekaboo
Etiam rhoncus. Maecenas tempus, tellus eget condimentum rhoncus, sem quam semper libero, sit amet adipiscing sem neque sed ipsum.

Warranty at Geekaboo
Etiam rhoncus. Maecenas tempus, tellus eget condimentum rhoncus, sem quam semper libero, sit amet adipiscing sem neque sed ipsum.

© Geekaboo 2023

Figure 6 Error message when data is incorrect at login.