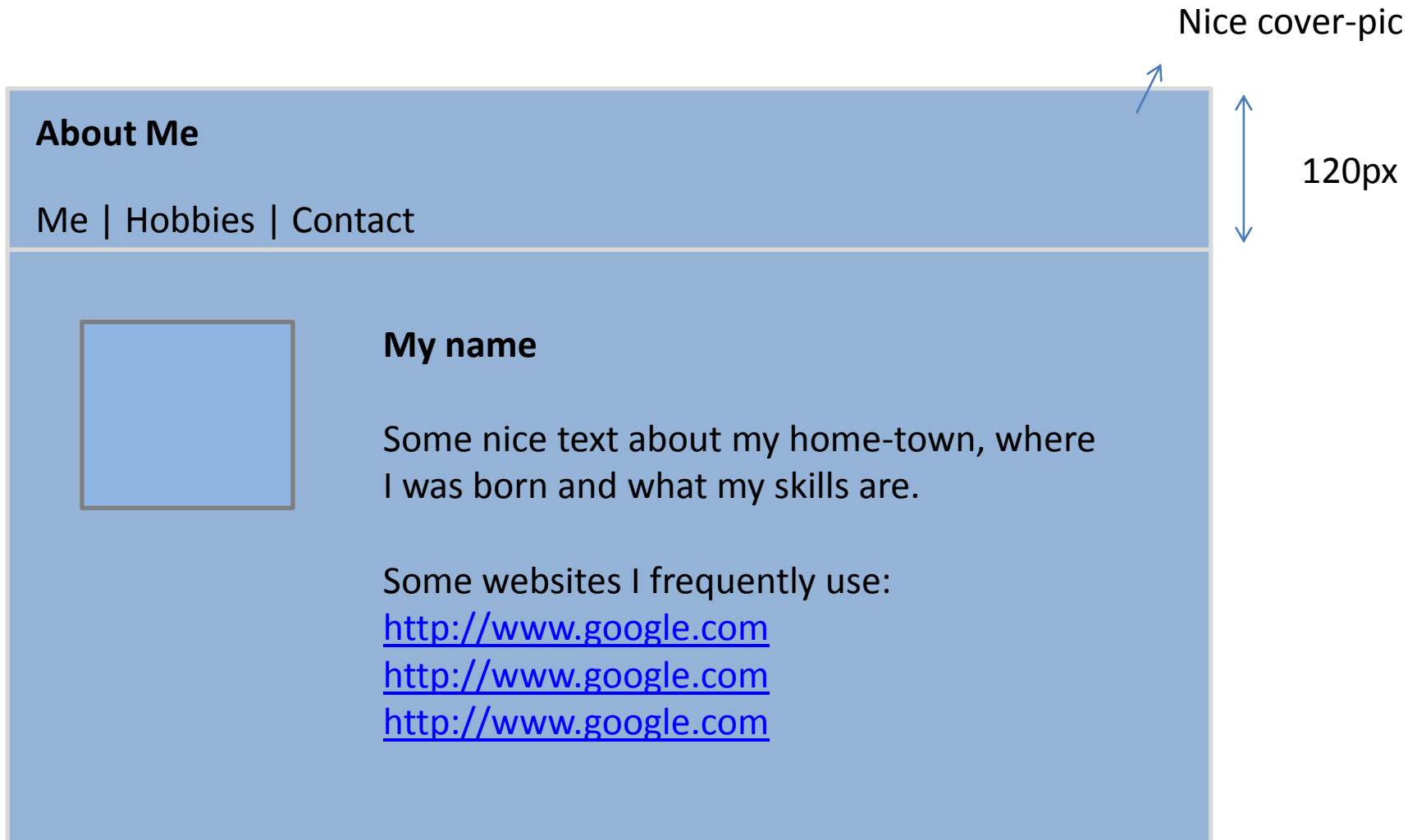**Task 1:** Create a website about yourself. The website should contain of three pages "Me", "Hobbies" and "Contact". The pages must be accessible via /me, /hobbies and /contact respectively. Also make sure, that both /me and / will show the "Me"-page.

Nice cover-pic

About Me

Me | Hobbies | Contact

120px

My name

Some nice text about my home-town, where I was born and what my skills are.

Some websites I frequently use:
http://www.google.com
http://www.google.com
http://www.google.com

Nice cover-pic

About Me

Me | Hobbies | Contact

120px

Hobby #1: Cycling

4 pictures
For each hobby
with width
200px

Hobby #1: Parachuting

Nice cover-pic

About Me
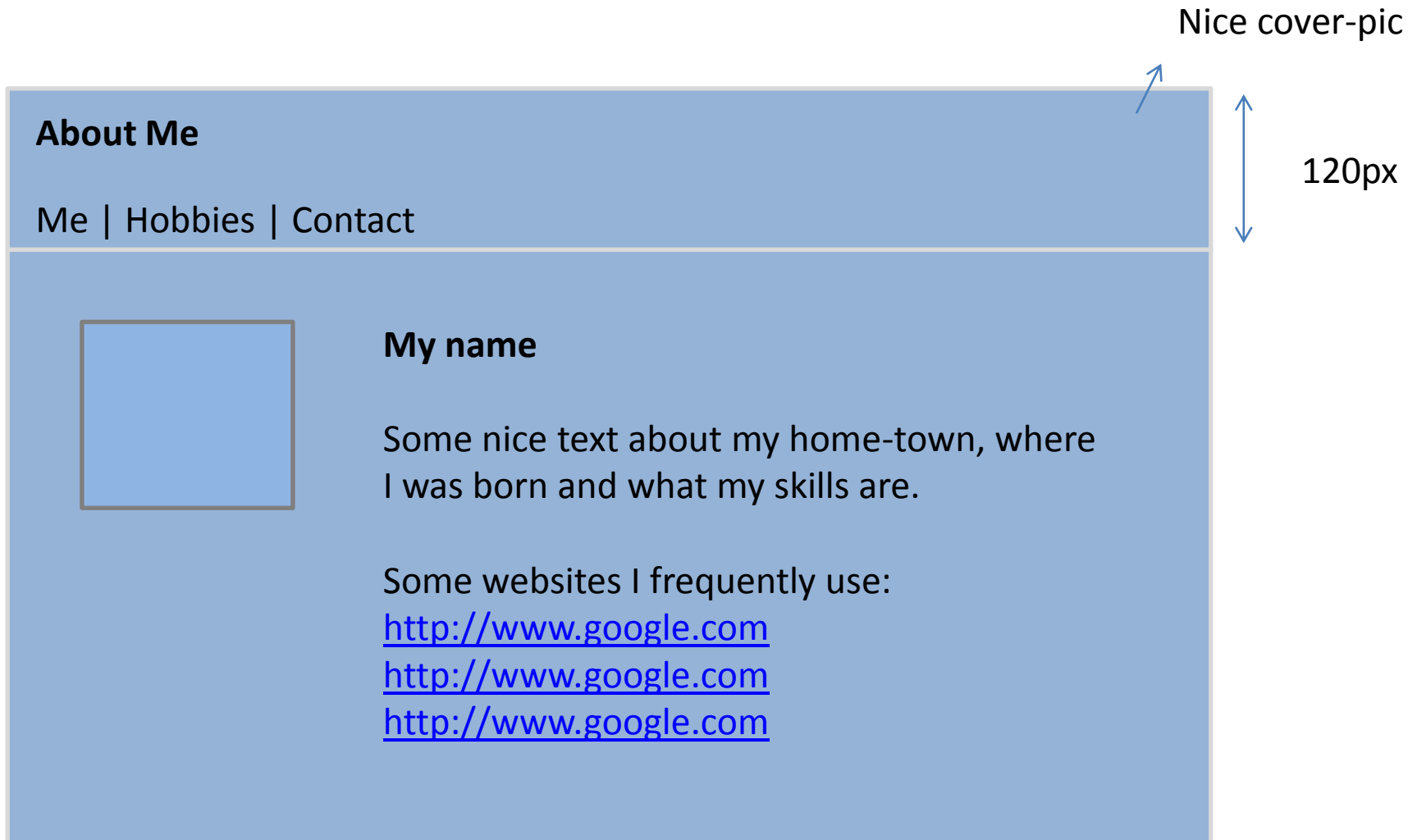
Me | Hobbies | Contact

120px

Contact Me

Your name

Your email

Your message

Send Message

Task 1: Create a website about yourself. The website should contain of three pages "Me", "Hobbies" and "Contact". The pages must be accessible via /me, /hobbies and /contact respectively. Also make sure, that both /me and / will show the "Me"-page.

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120px

Contact Me

Your name

Your email

Your message

Send Message

When the user enters an invalid resource path, show the "Page not found"-Page.

About Me

Me | Hobbies | Contact

Page not found!

Task 2 (Difficult): Form Validation

1. When the user clicks on the "Send Message" – button, it is required to check if ...
   - The name, email and message input is not empty
   - The email is an actual email address (simplified)
     - Check if there is only one @
     - The left part of the string (before the @) needs to have at least 3 characters and must not only contain numbers, at least one character
     - The right part of the string (after the @)
       - Cannot contain two consecutive dots (i.e. hallo..com is invalid)
       - Needs to have at least 3 domain name characters (hallo.com is valid, hall.com is invalid)
       - Allowed Domain endings can either be .com, .de, .org or .net (i.e. hallo.com is valid, hallo.to is valid)
   - The message has more than 10 characters and maximum of 160 characters.
2. After the button has been clicked and the validation-checks are passed, empty all input text fields and display: "Thanks for your message!"

Nice cover-pic

About Me

Me | Hobbies | Contact

120px

<u>Thanks for your message!</u>

Center
horizontally

Task 3 (Difficult): Navigation Feedback

1. Whenever the user is on a page, make sure that the respective menu-entry in the header-area is **bold and underline**.
2. Also try to reload your web-app when being off the start-page, i.e. /contact. Here, also the menu-entry "Contact" needs to be bold and underline.

About Me

My name

Some nice text about my home-town, where I was born and what my skills are.

Some websites I frequently use:
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http://www.google.com
http://www.google.com

About Me

Me | **<u>Hobbies</u>** | Contact

Hobby #1: Cycling

Hobby #1: Parachuting

About Me

Me | Hobbies | **<u>Contact</u>**

Contact Me

Your name

Your email

Your message

Send Message