

Code Home

A3: User Interface Prototype

Interface and common features

Code Home is a collaborative Q&A web application based on HTML5, JavaScript, PHP and CSS. The user interface was implemented using the Bootstrap framework.

It can now be properly navigated through the GitHub pages with the following link <https://up201504196.github.io/lbaw1751/>.

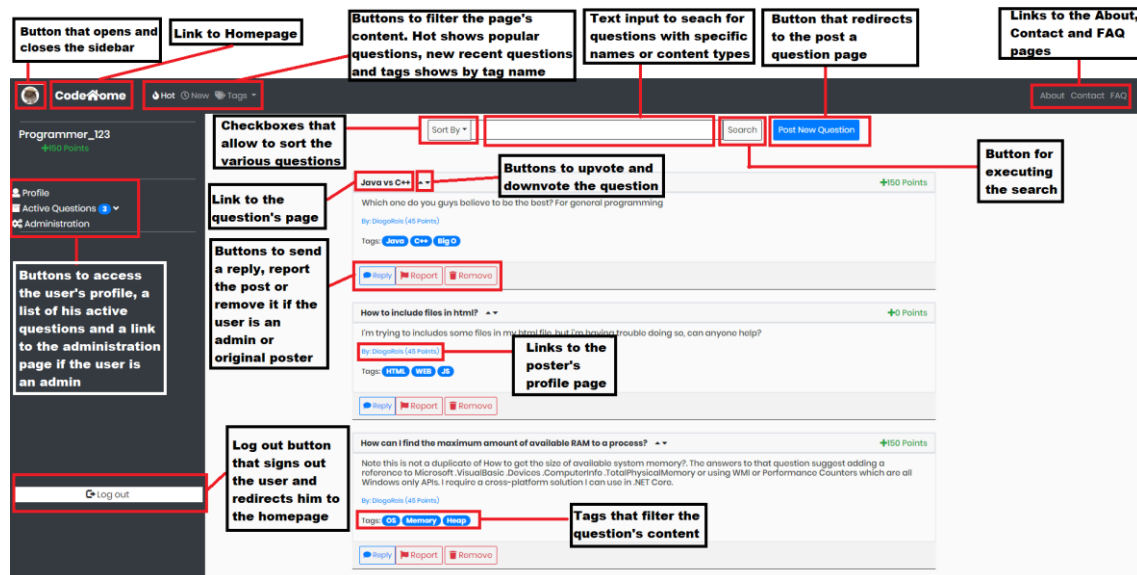


Figure 1. Homepage with sidebar. Please click [here](#) for better image quality.

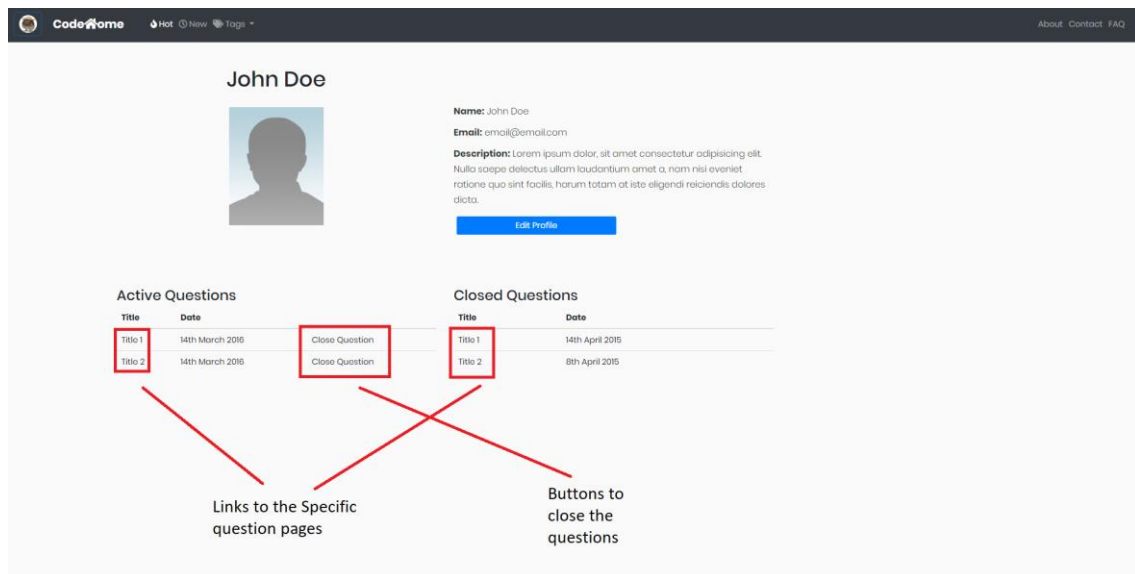


Figure 2. Profile page

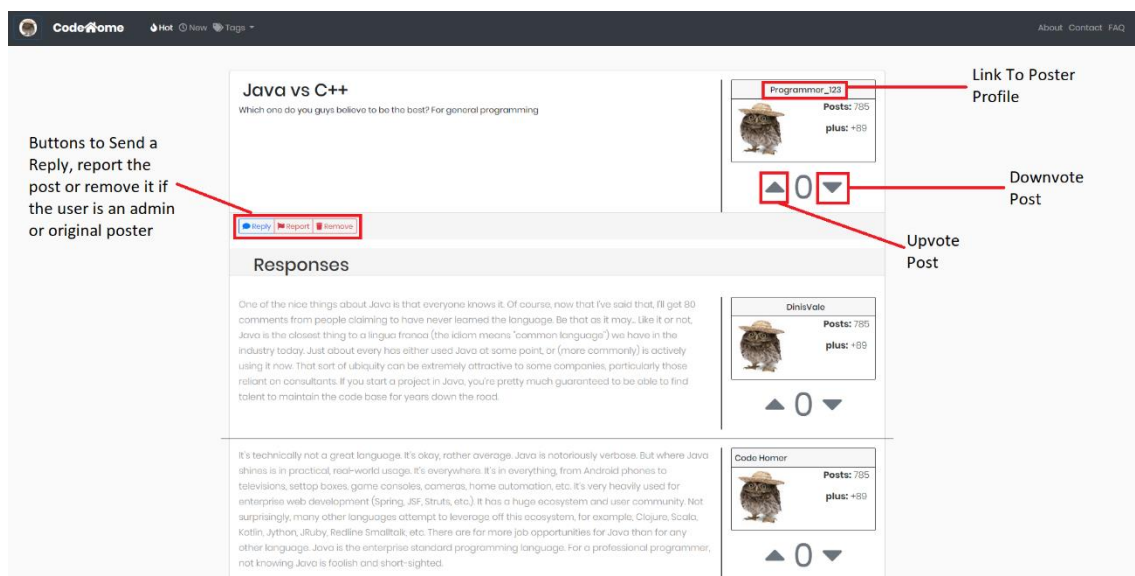


Figure 3. View Question

In the figures 1 to 4 there are some characteristics common to all the pages of our platform:

- We opted for a "net design" to have a flowing web page layout that suits various screen sizes, from desktop 19" or more, to 11" tablets, or even to 4" smartphones.
- The common links to the various pages maintain their position to make the user experience consistent.
- Different sections have clearly distinct styles to highlight distinct hierarchies of information and assist with the visual flow.

Sitemap

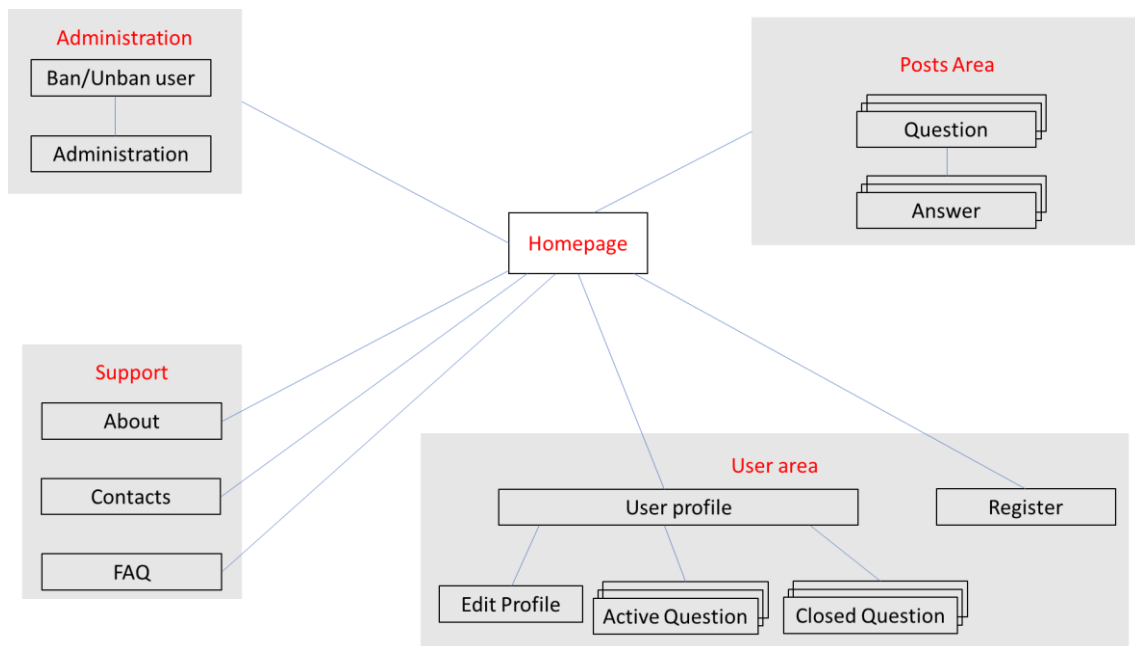


Figure 4. Sitemap

Storyboards

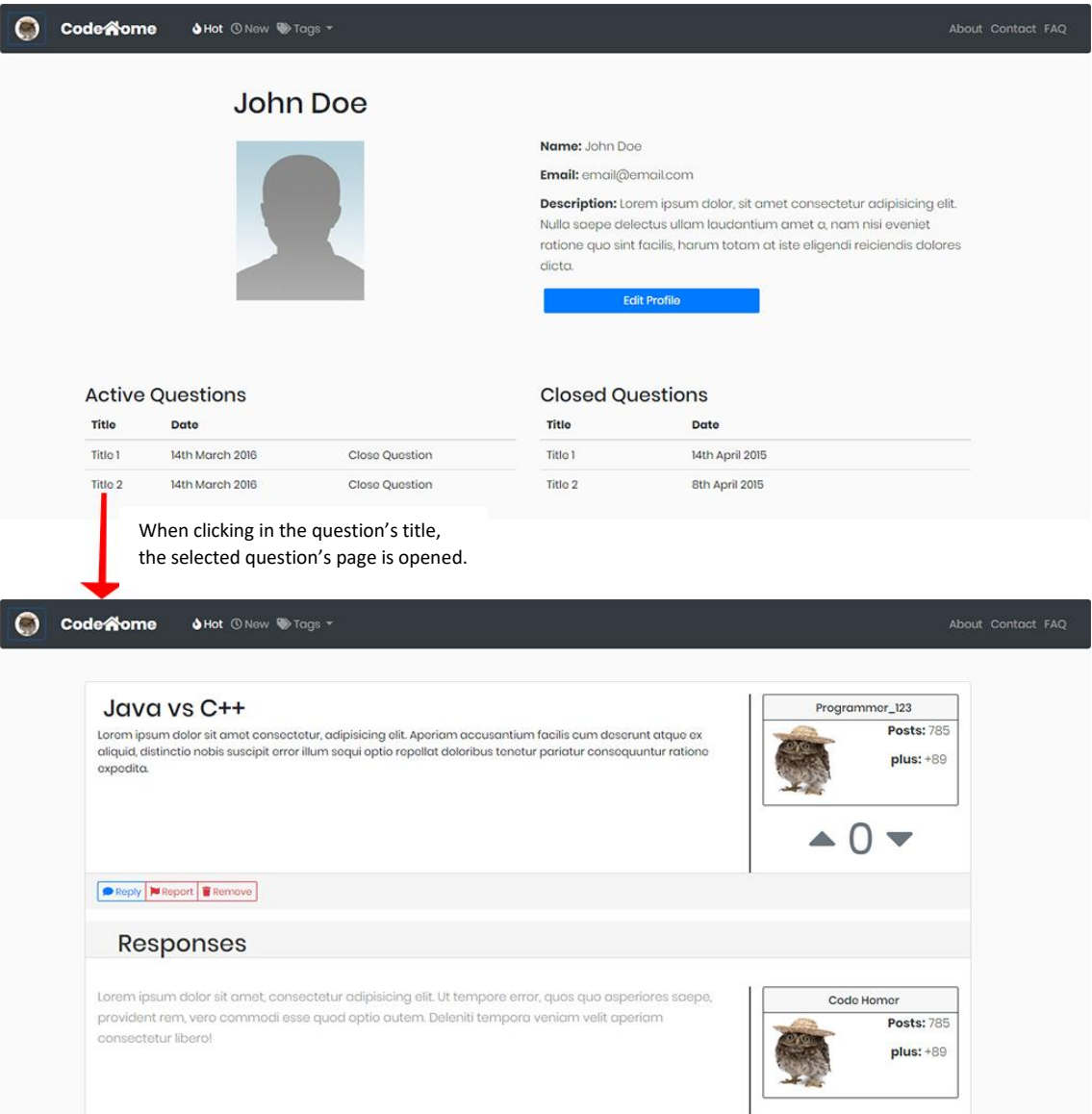


Figure 5. Wireflow for when the user selects his active and closed questions, in his profile page. Please click [here](#) for better image quality.

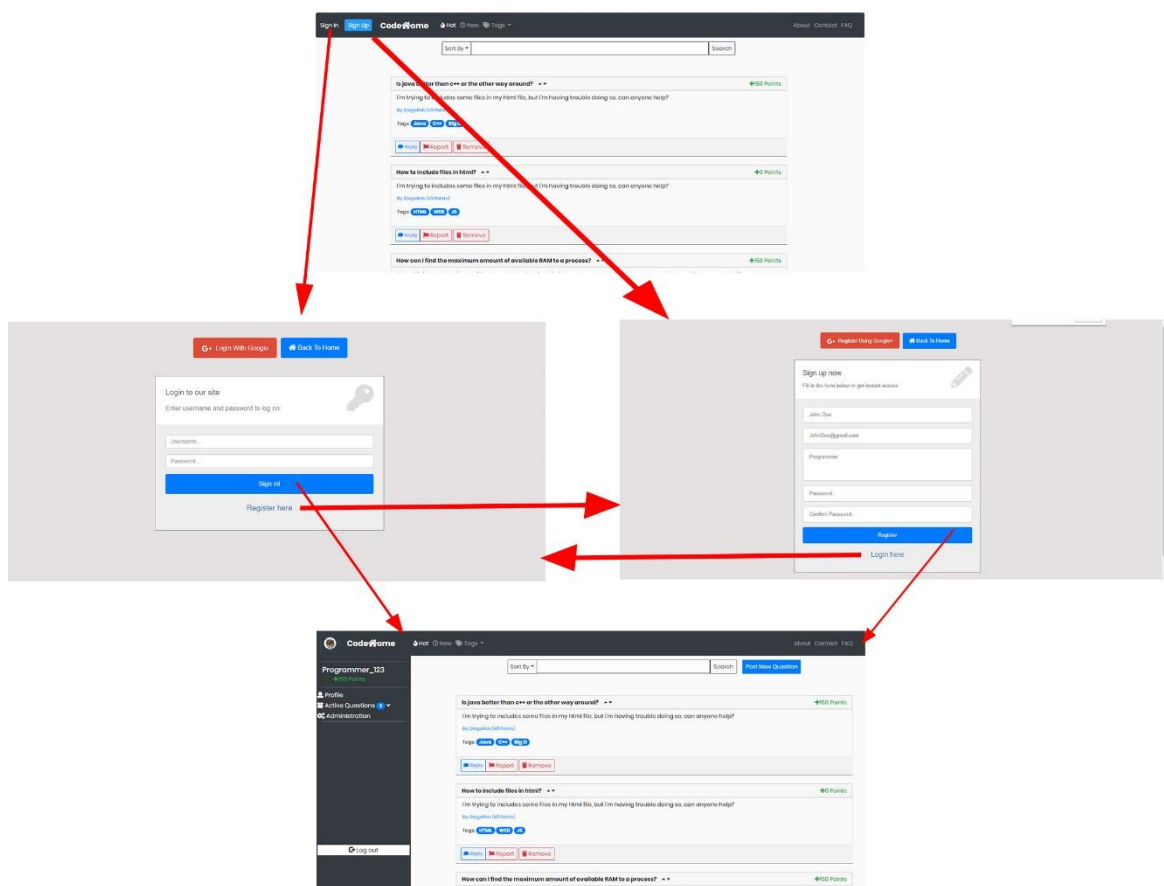


Figure 6. Wireflow for a usual sign-in and sign-up interaction. It starts in the homepage where the user can sign in or sign up and then is redirected back to the homepage but this time logged in. Please click **here** for better image quality.

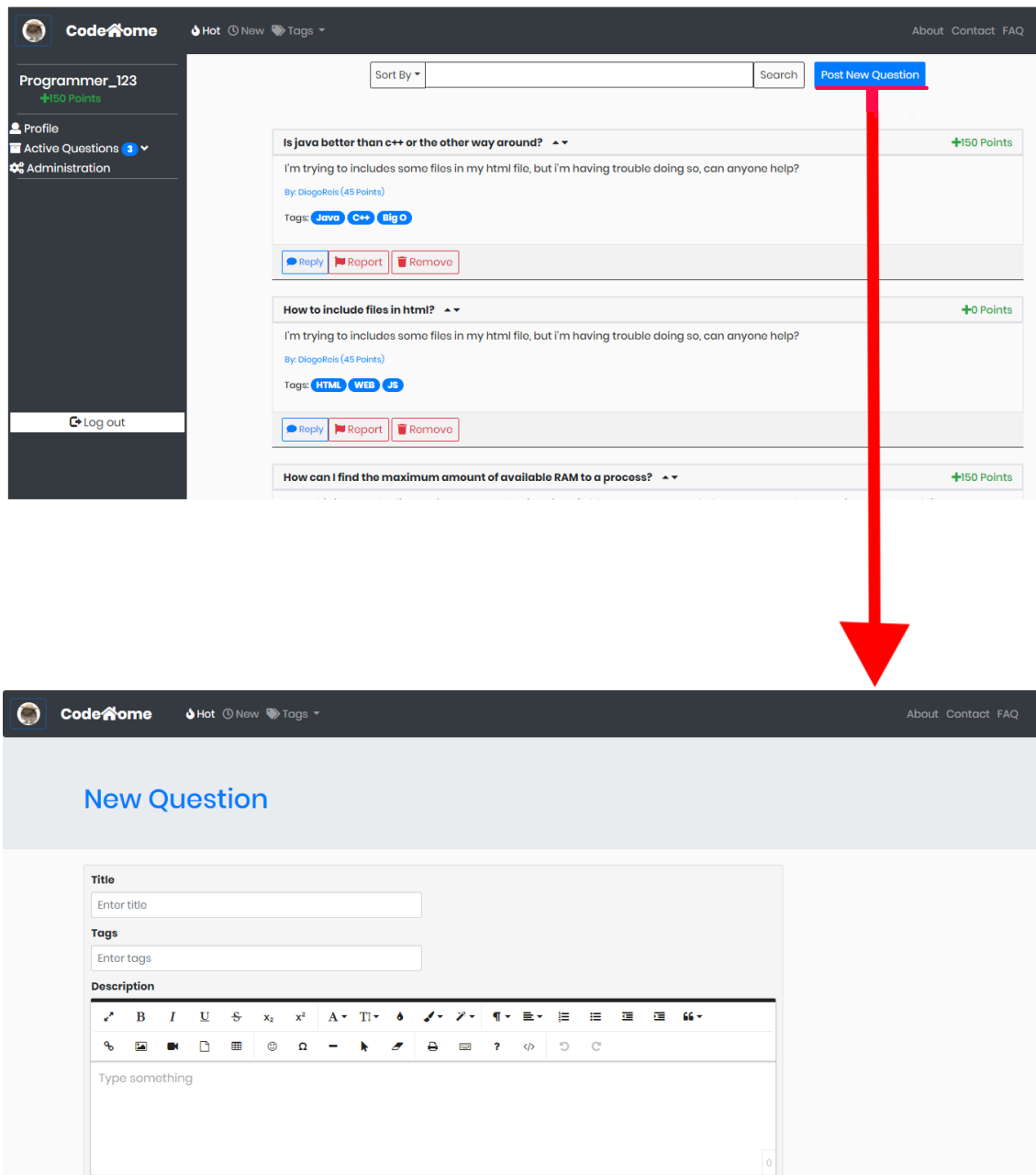


Figure 7. Wireflow for the add a new question operation, through the add a new question button in the homepage. Please click **here** for better image quality.

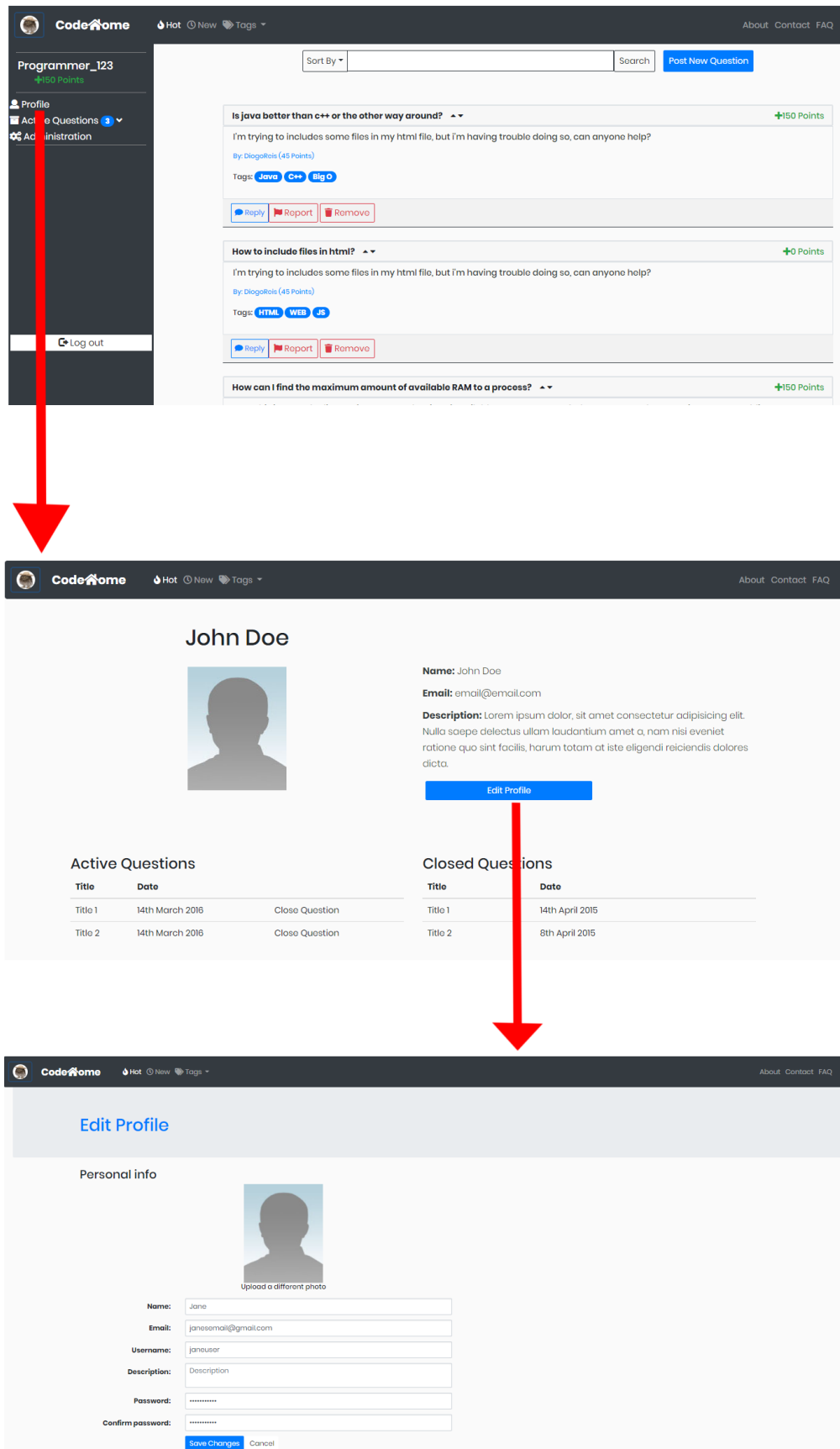


Figure 8. Wireflow for the user area interaction. The profile button in the sidebar leads to the user's profile page, where he can choose to edit his profile's information. Please click **here** for better image quality.

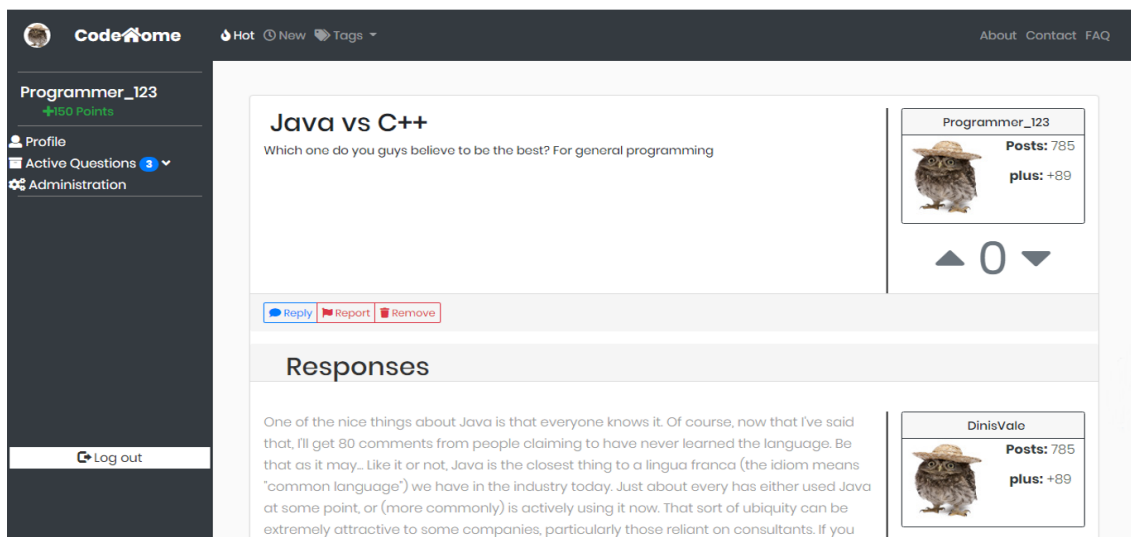
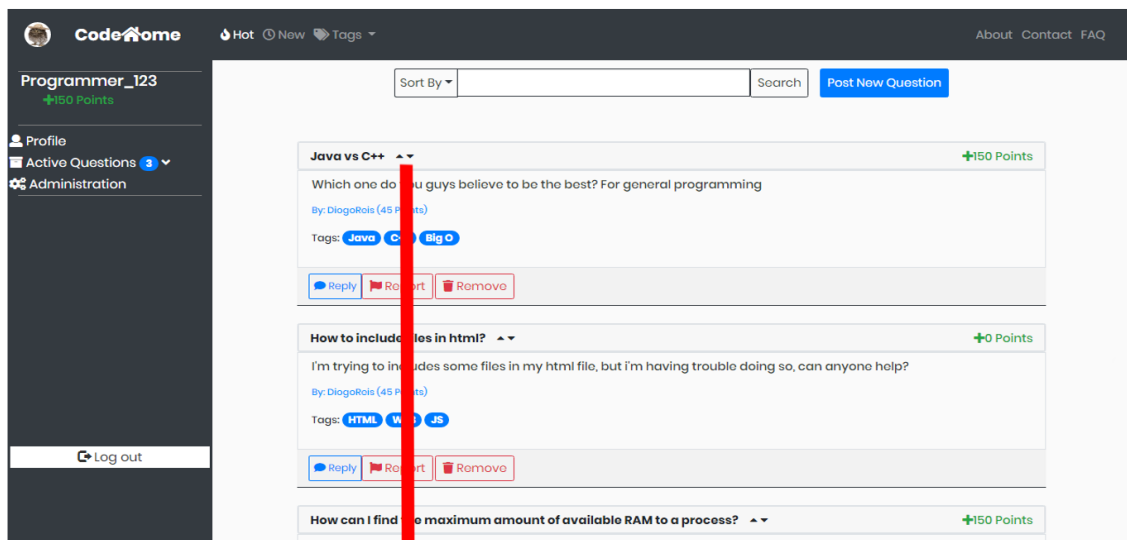


Figure 9. Wireflow for seeing a question's page when the user clicks on its title. Please click [here](#) for better image quality.

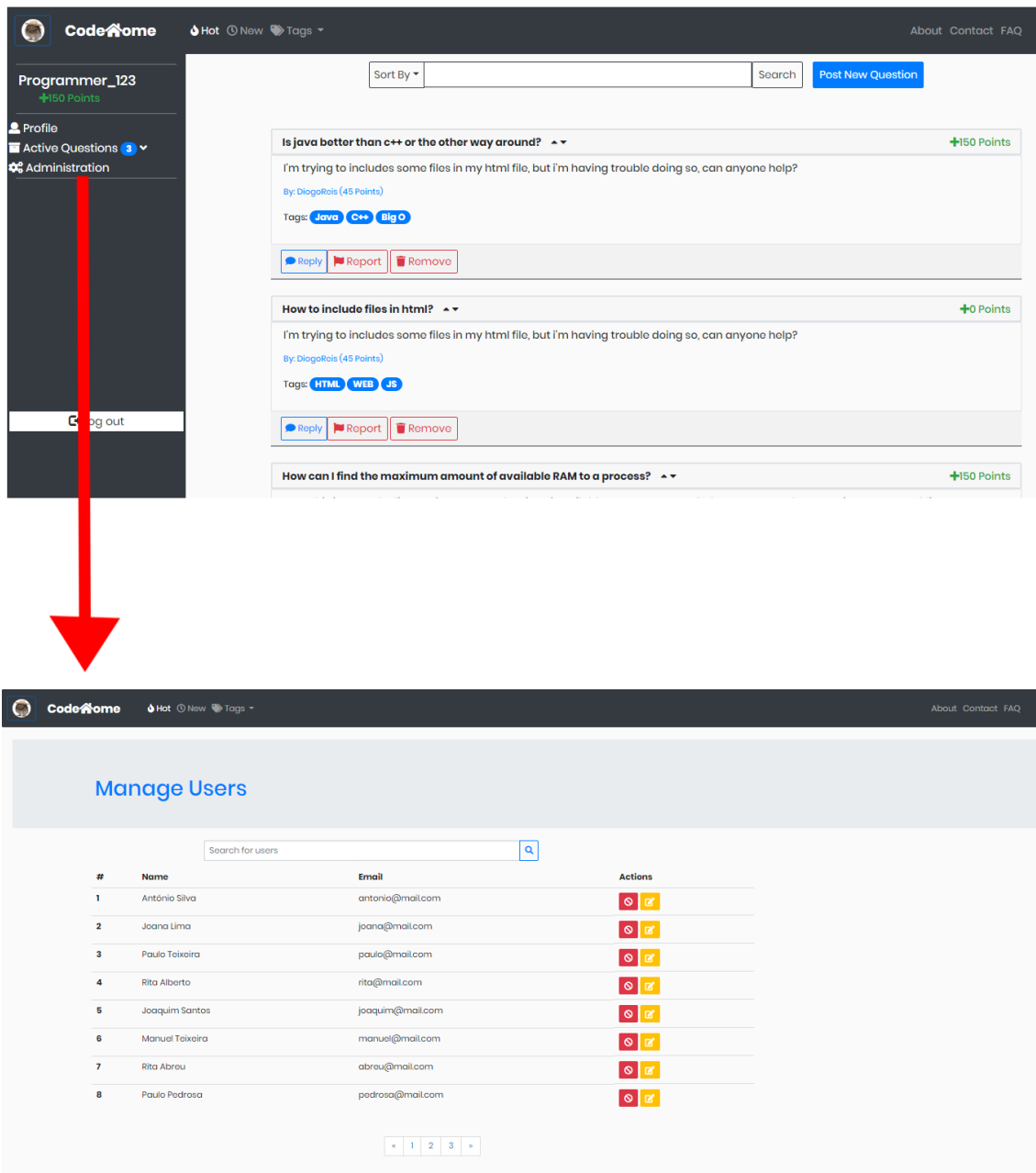


Figure 10. Wireflow for the admin's interaction. Please click [here](#) for better image quality.

Interfaces

The following interfaces describe the main content of the web pages and their relative priority and help the project team previewing the features and behavior of the final product's different screens, both their desktop (left) and mobile (right) versions.

For the interactable prototype click [here](#).

UI01: Home not logged in

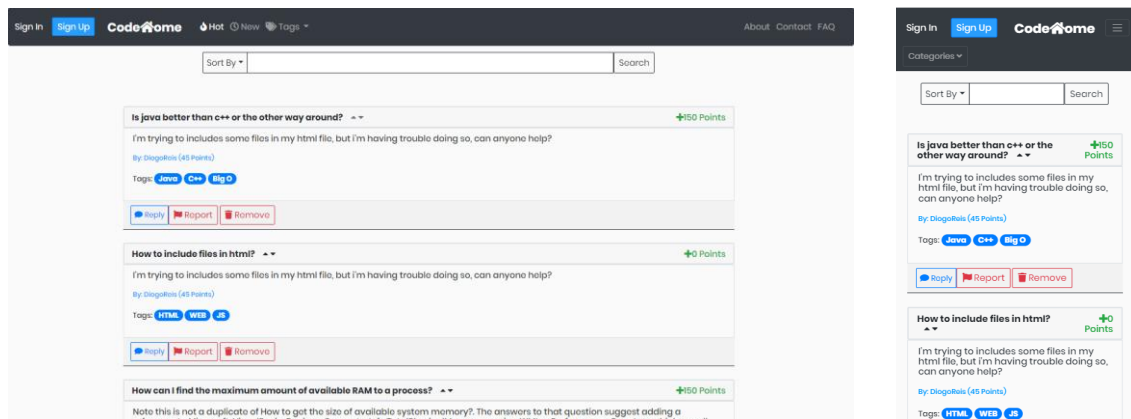


Figure 11. Homepage not logged in

UI02: Home logged in

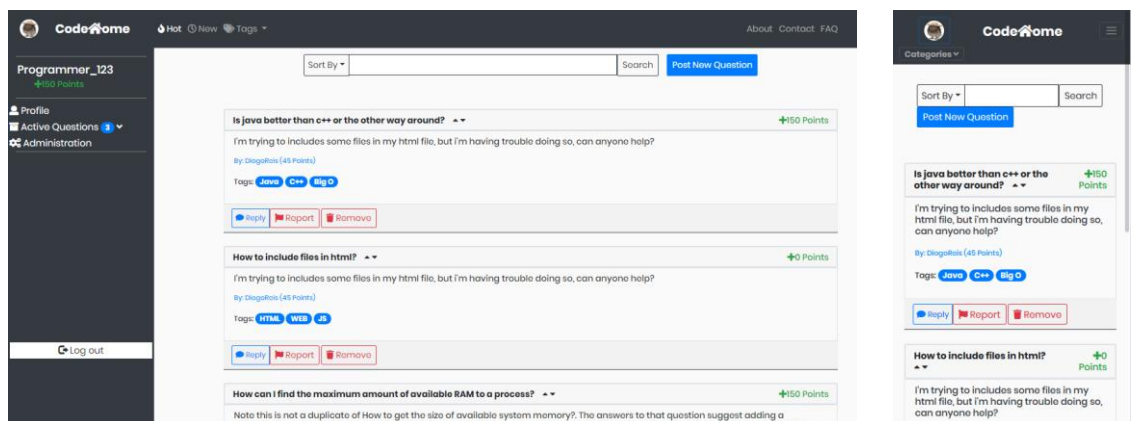


Figure 12. Homepage logged in

UI03: About

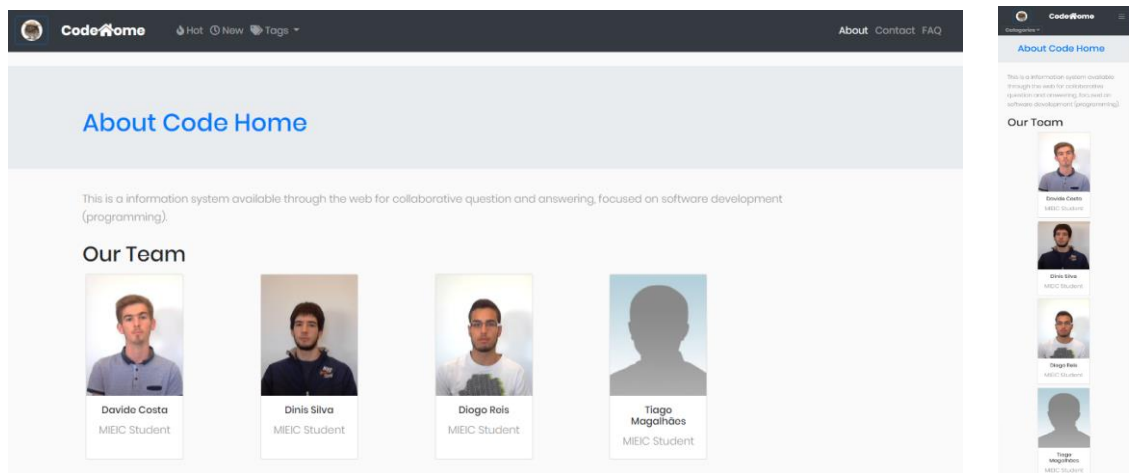


Figure 13. About page

UI04: FAQ

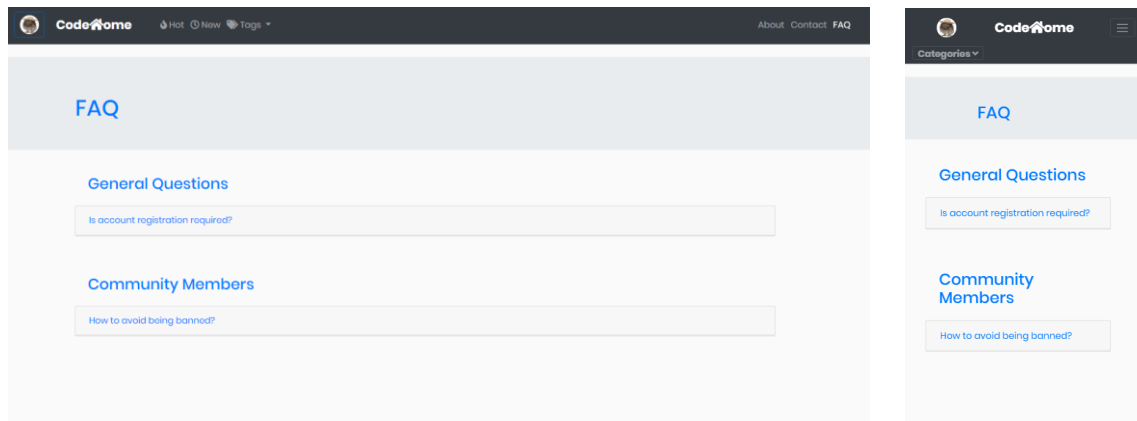


Figure 14. FAQ page

UI05: Contact

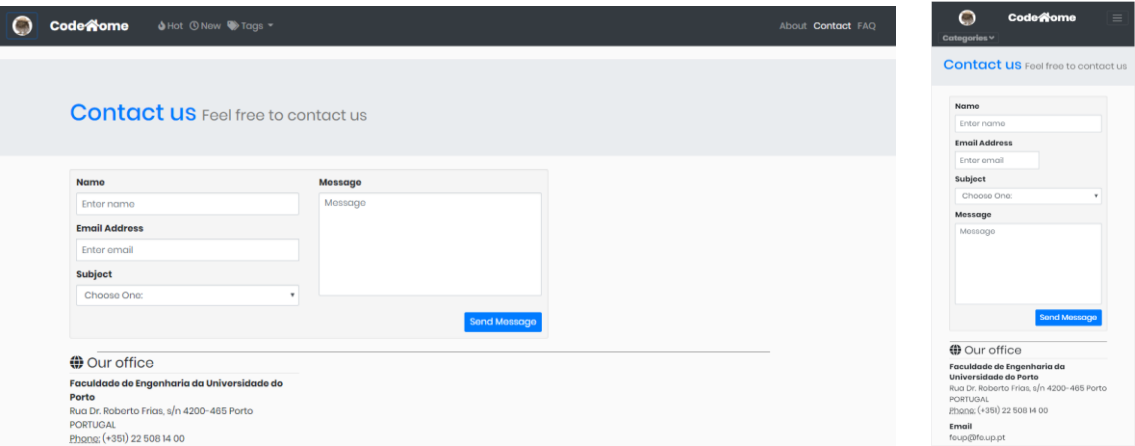


Figure 15. Contacts page

UI06: Log in

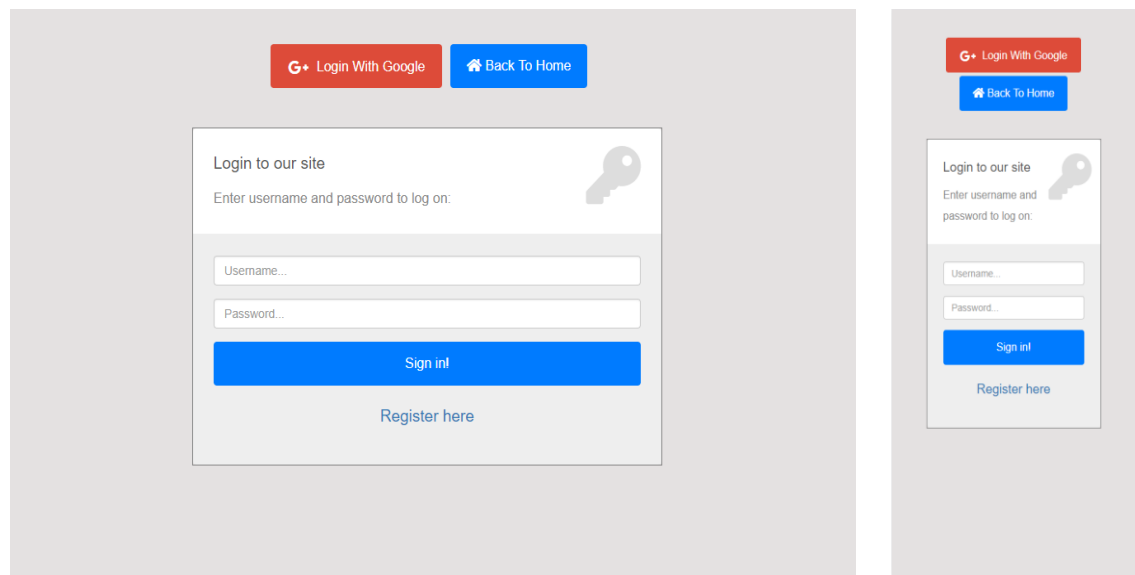


Figure 16. Log In

UI07: Sign up

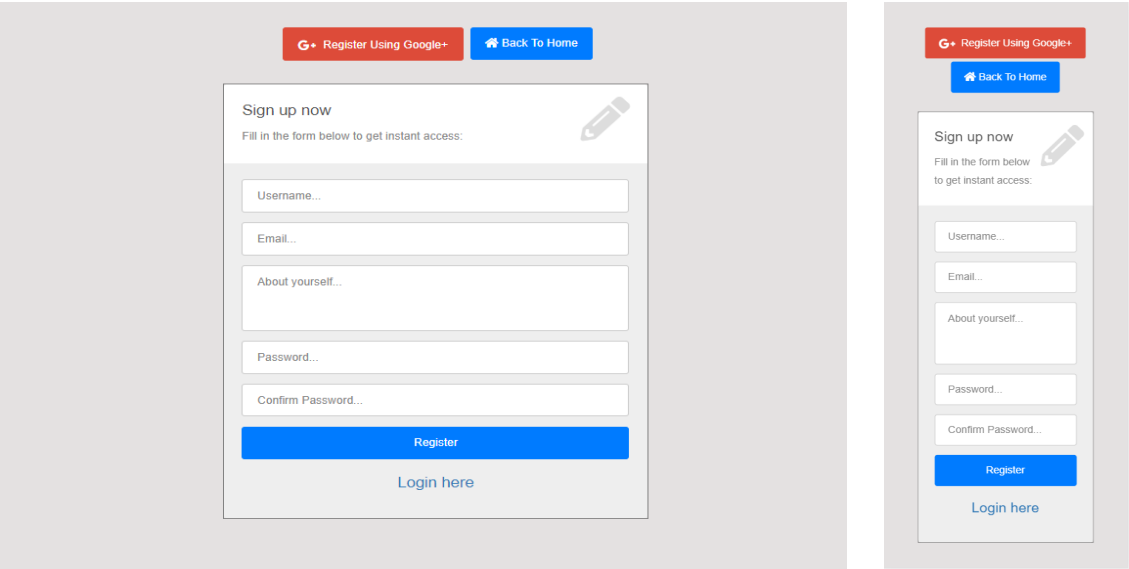


Figure 17. Sign Up

UI08: Error

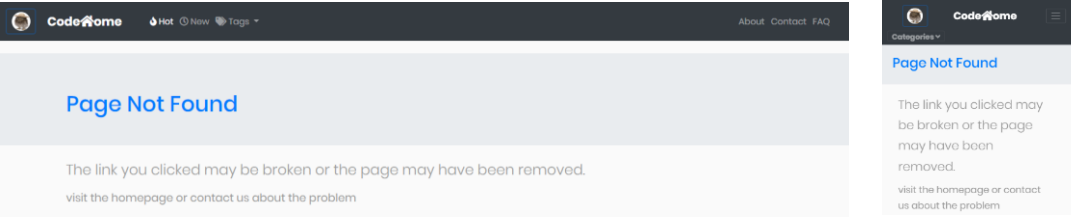


Figure 18. Error page

UI09: View Question

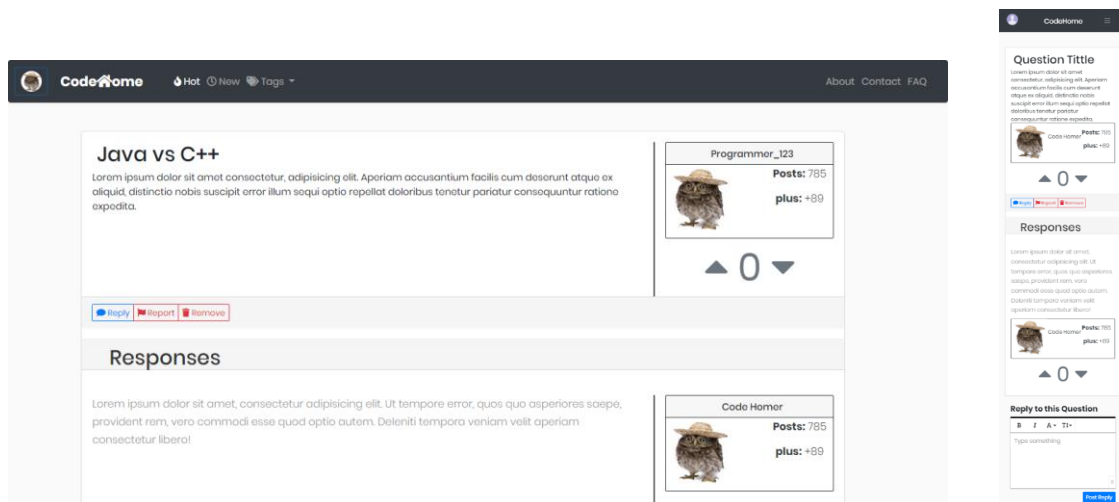


Figure 19. View question page

UI10: Post New Question

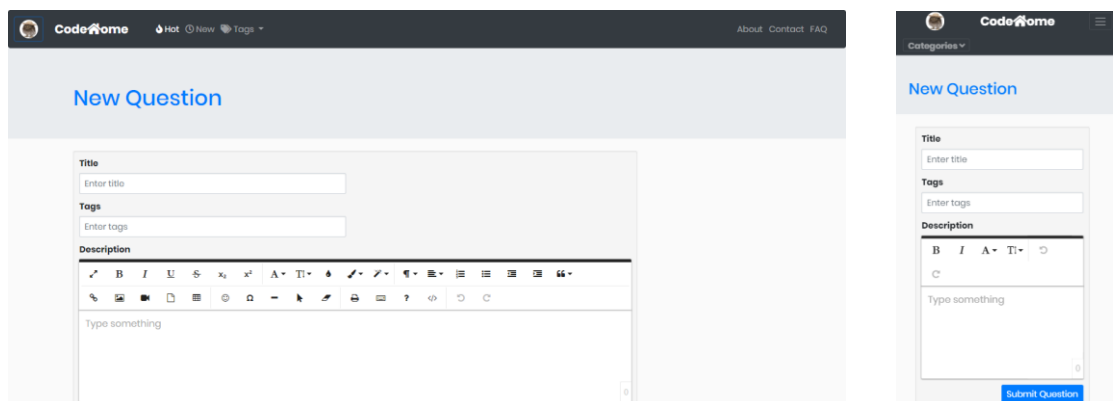


Figure 20. Post new question page

UI11: View Profile

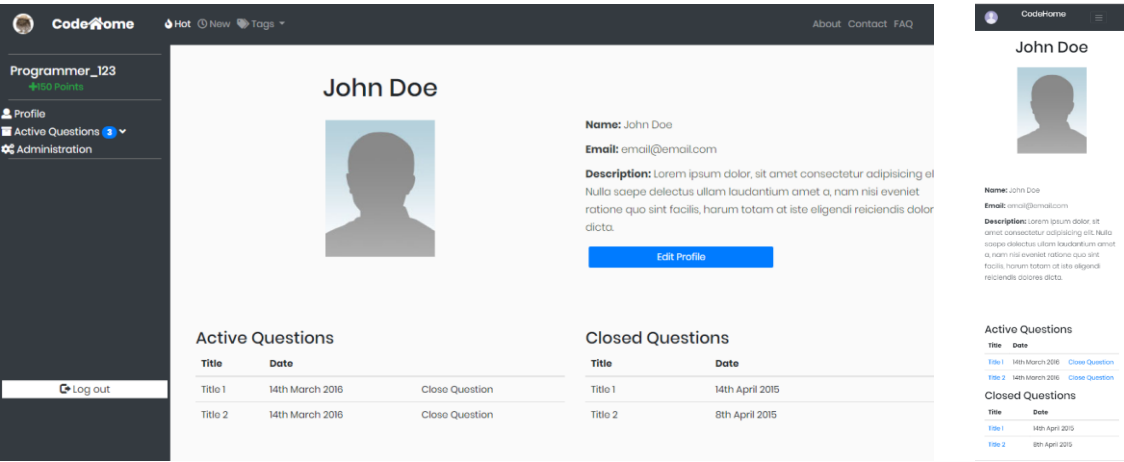


Figure 21. View profile page

UI12: Edit Profile

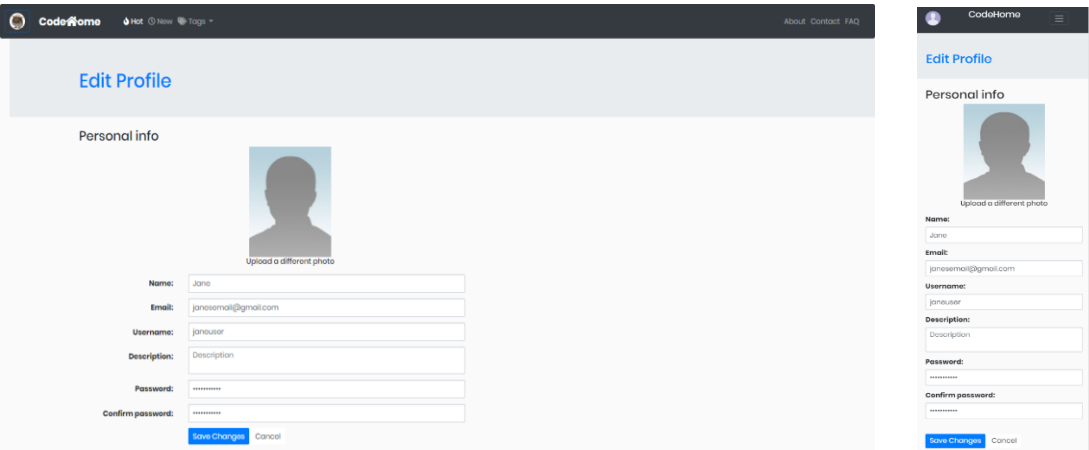


Figure 22. Edit profile page

UI13: Administration

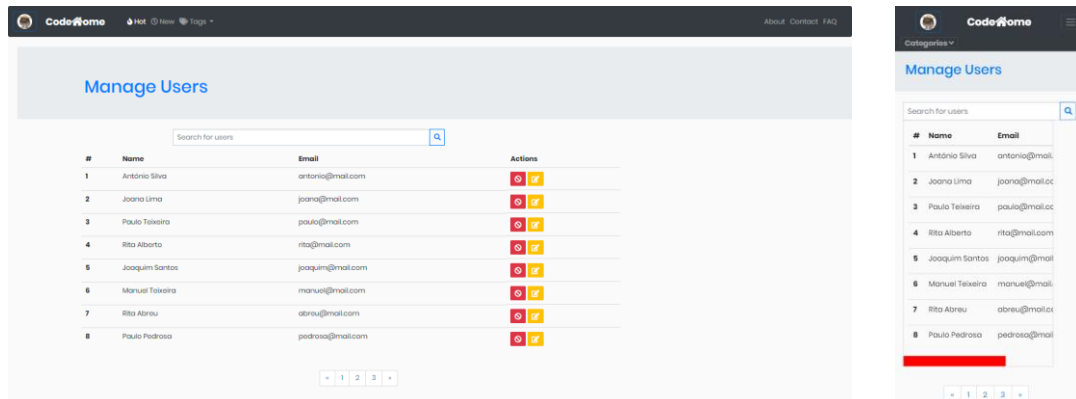


Figure 23. Administration page

Revision History

- Improved sitemap according to the teacher's feedback.
- Website screenshot content changed to better represent real situations.
- Website Storyboards changed to represent a cohesive natural usage story.
- Added a link to GitHub pages with the project's implementation in the interfaces section and in the first page of this pdf.
- Fixed some broken links in the GitHub pages.
- Changed various elements of the overall website design to improve the user's experience.
- Changed website screenshots to reflect the website design changes.
- Improved the website's responsiveness in the galaxy s5 resolution.
- The navbar now highlights which element is the current page on, for example, the contact button in the navbar now turns white when the current page is the contact page, while the other elements stay greyed out.
- Replaced generated text with real possible text scenarios.
- Increased the sidebar's elements font size.
- Moved the log out button to the bottom of the sidebar.
- Fixed the website's logo position, increased its size and changed the 'H' to a house.
- Moved the 'Hot', 'New', 'Tags' navbar elements to the left, close to the logo. In the mobile version they are now separated from the other elements and are opened with the categories button.
- Removed the sidebar from the homepage when the user is not logged in and moved the sign in and sign up buttons to the left of the website's logo where they are replaced by the user's profile picture after a successful login.

- The username of the user who posted a question now shows in blue preceded by a 'by', in the homepage.
- The question tags in the homepage where replaced with real life possible tags.

Group

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