

A3: User Interface Prototype

1. Interface and common features

Screenshots highlighting the main elements of the interface, for desktop and mobile.

2. Sitemap

This sitemap presents the overall structure of the web application.

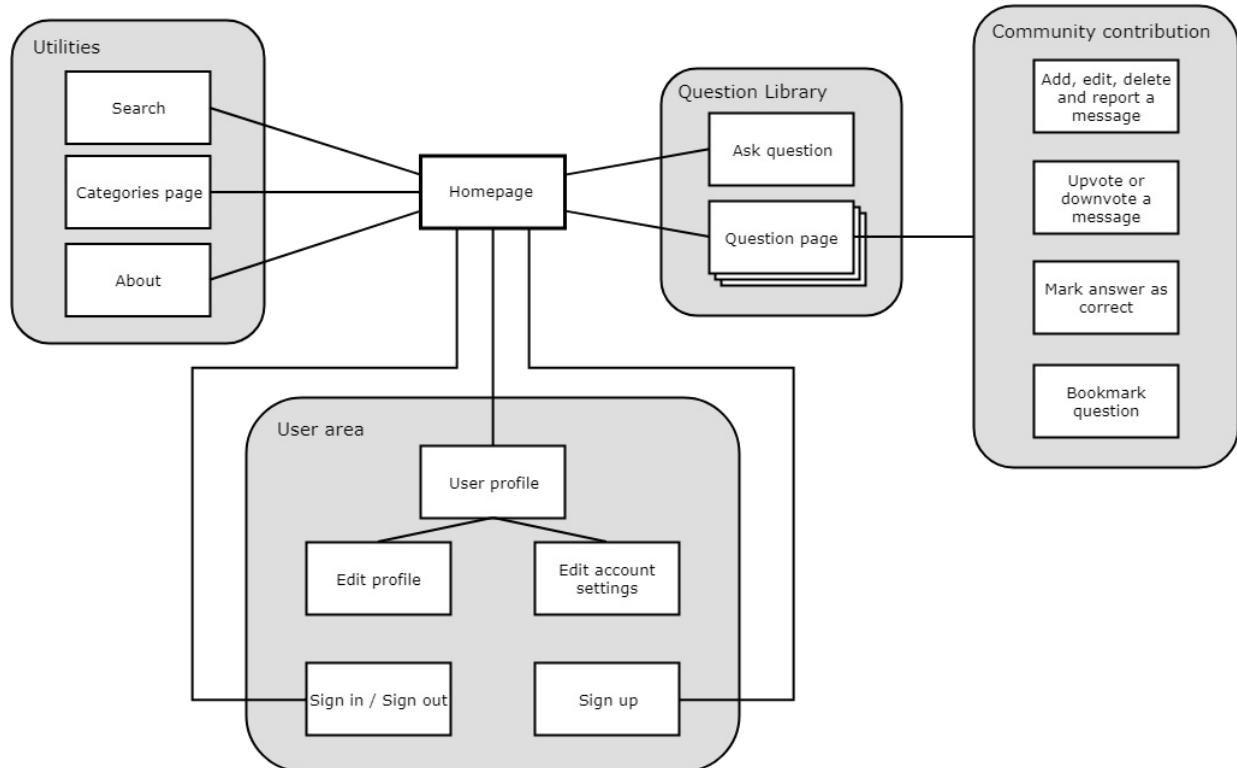


Figure 2.a: Sitemap.

3. Storyboards

This section displays step-by-step illustrations of the main use cases of the system.

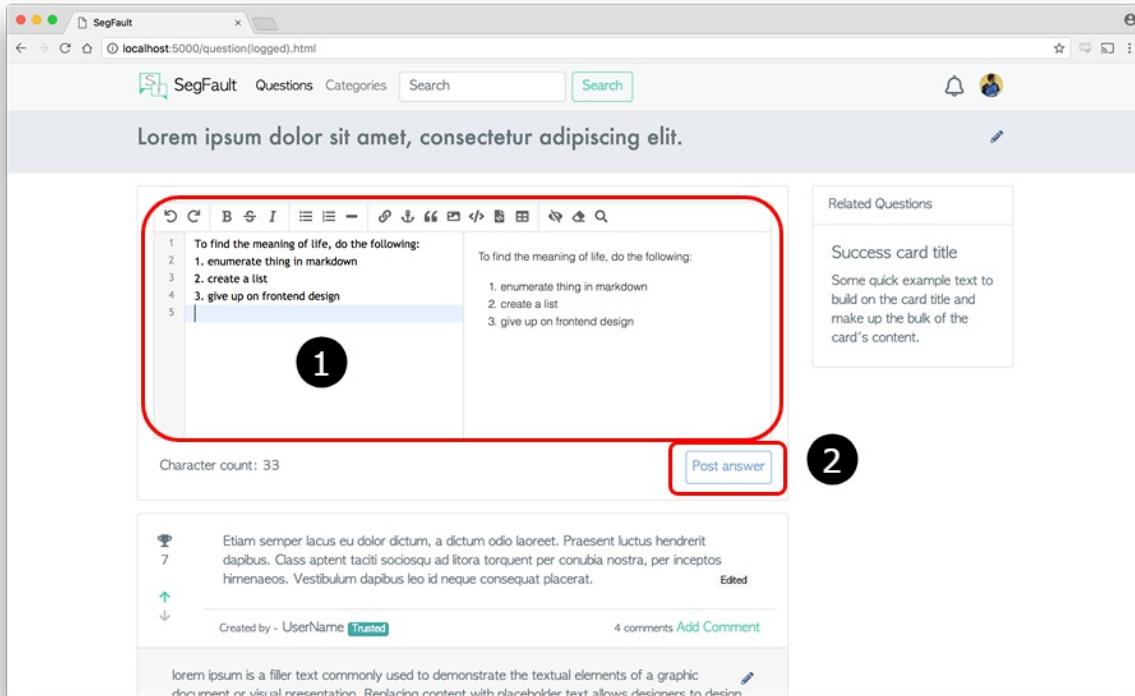


Figure 3.a: While logged in, to answer a question you must write your answer on the text area (1) and then submit your answer by clicking on the "Post answer" button (2).

The screenshot shows a list of answers to a question. The first answer is highlighted with a red box. The sidebar on the right contains a user profile for 'António Almeida' and a 'Have a Question?' section with two buttons: 'How can I ask a question?' and 'Ask!'. Red circles labeled '1' and '2' point to these buttons respectively.

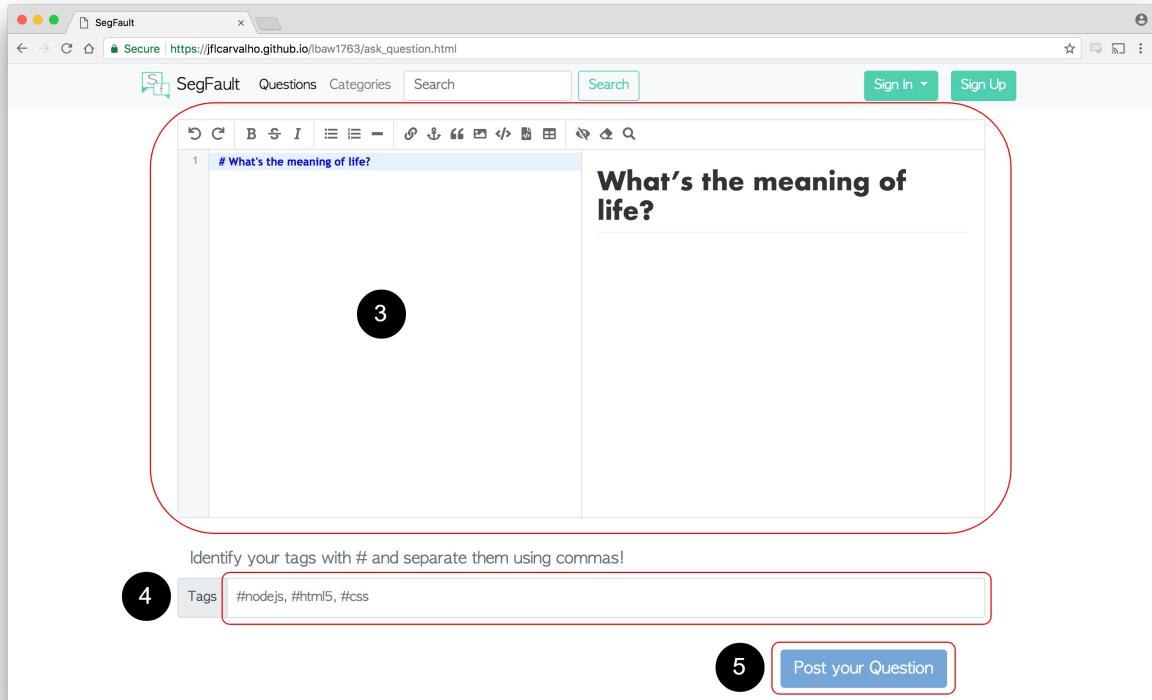


Figure 3.b: While logged in, to ask a question you must enter your question title (1) - which can later be modified -, click the "Ask!" button on (2) the landing page and you'll be redirected to the "ask question page". There you'll write your question on the text area (3), the related tags (4) and then submit it by clicking on the "Post your question" button (5).

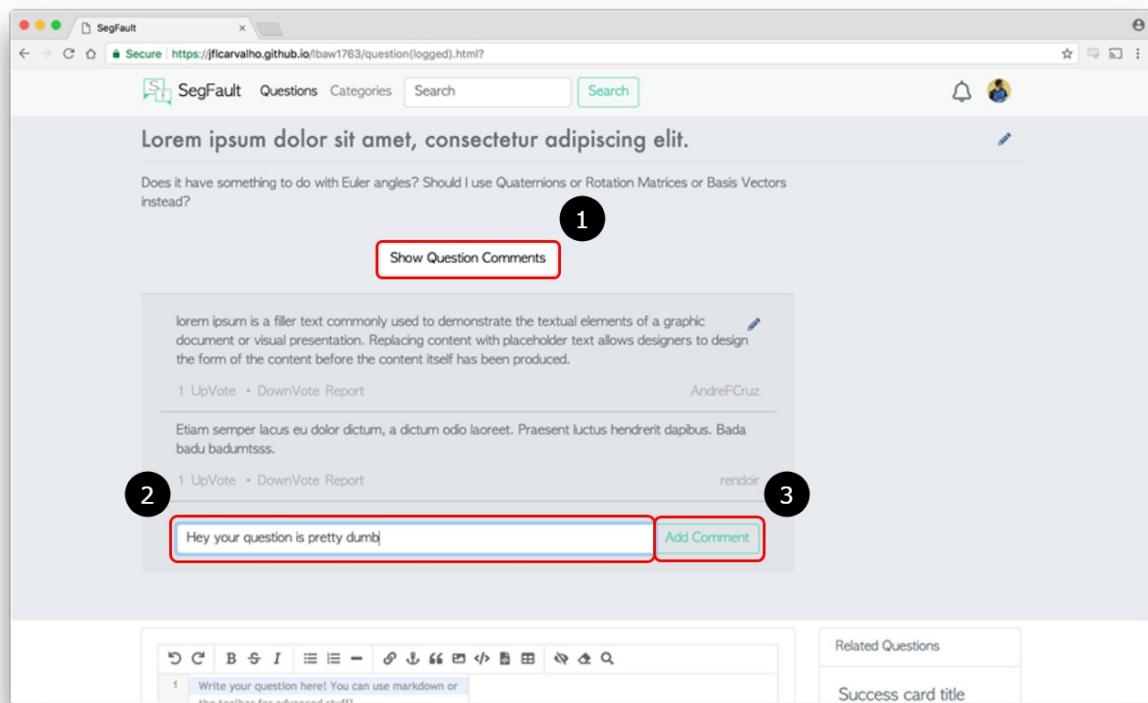


Figure 3.c: While logged in, to add a comment (to a question, for example) you should click the button that shows the comments to that message (1), then you'll be shown a text area where

you can write your comment (2) and finaly you can submit it by clicking on the "Add comment" button (3).

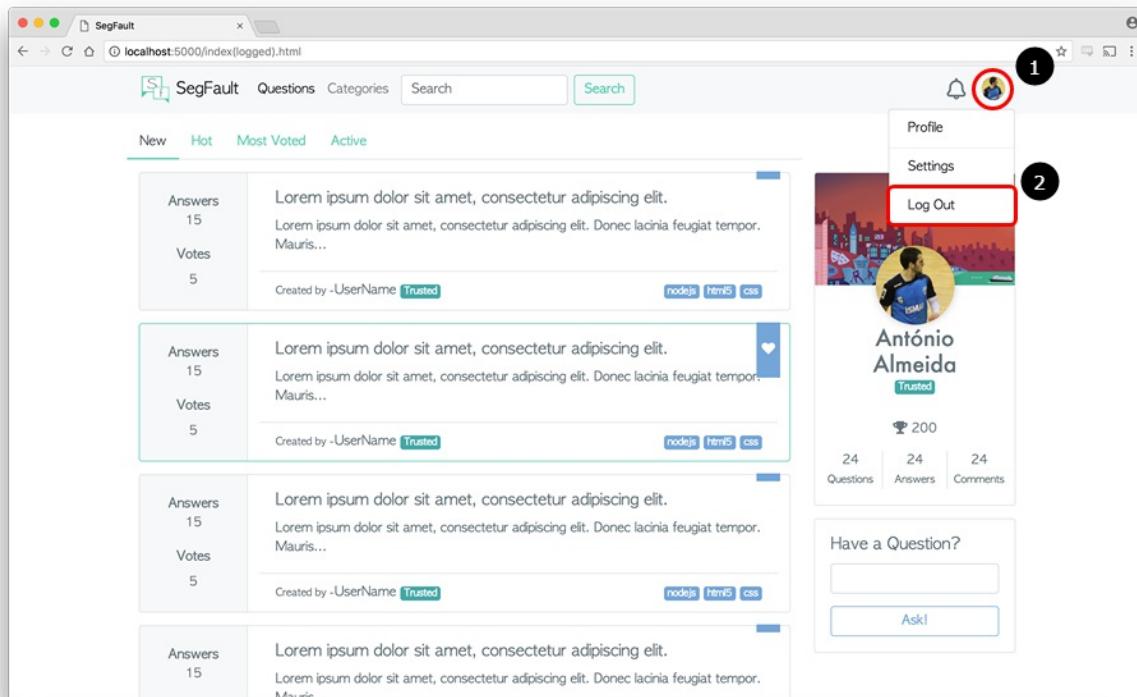


Figure 3.d: To log out you have to click on your profile thumbnail (1), then you'll be shown a dropdown where you'll have to click on the "Log out" option (2).

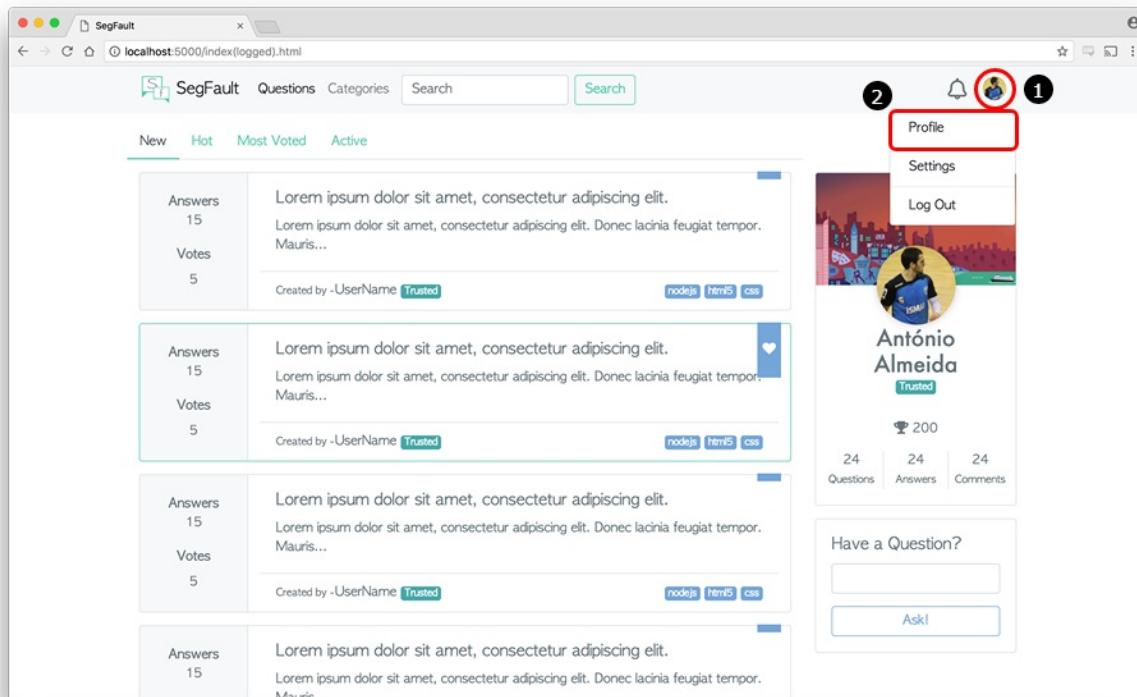


Figure 3.e: To check your profile click on your profile thumbnail (1), then you'll be shown a

dropdown where you'll have to click on the "Profile" option (2).

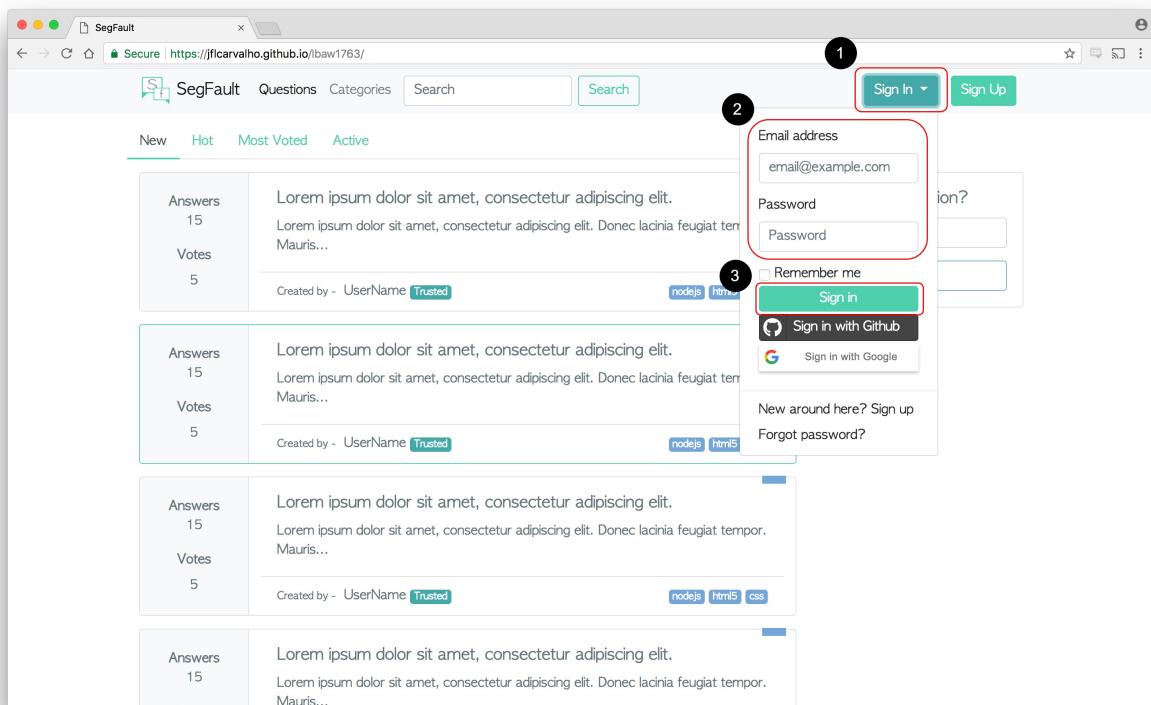
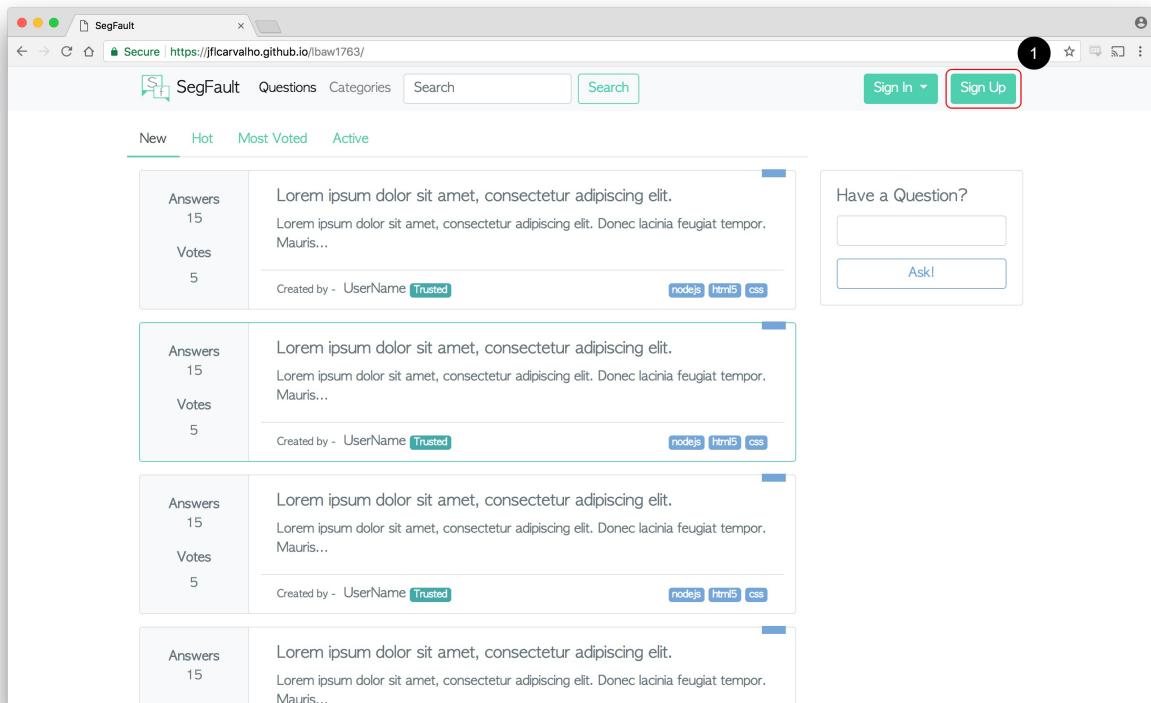


Figure 3.f: While visiting the website, to sign in you can click the "Sign in" button (1), then you'll be shown a dropdown where you'll have to fill your credentials (2) and finally enter them by clicking "Sign in" (3).



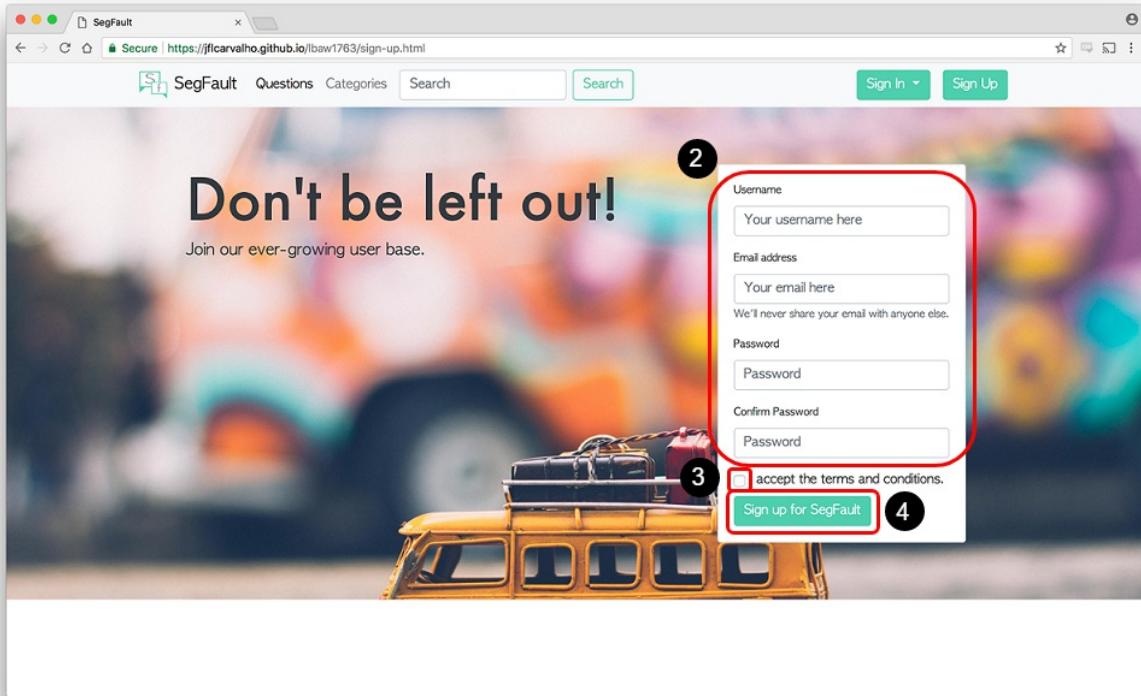


Figure 3.g: While visiting the website, to sign up you can click the "Sign up" button (1), which will redirect you to the "Sign up page" where you'll enter your personal credentials (2), accept our terms and conditions by checking the checkbox (3) and finally clicking "Sign up for SegFault" (4).

4. 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 behaviour of the final product's different screens, both their desktop (left) and mobile (right) versions.

UI01: Home

On the [home page](#), the user can view several questions to his choosing, their title, score, number of answers, and a short introduction. The user can also bookmark a question for ease of access. As customary, the user can search for a specific question using the *nav-bar*.

Additionally, an authenticated user can ask a new question: after introducing the title and clicking the "Ask!" button the user is redirected to the [question editing page](#). If a visitor (non-authenticated user) clicks the "Ask!" button, a "Sign-In" prompt appears.

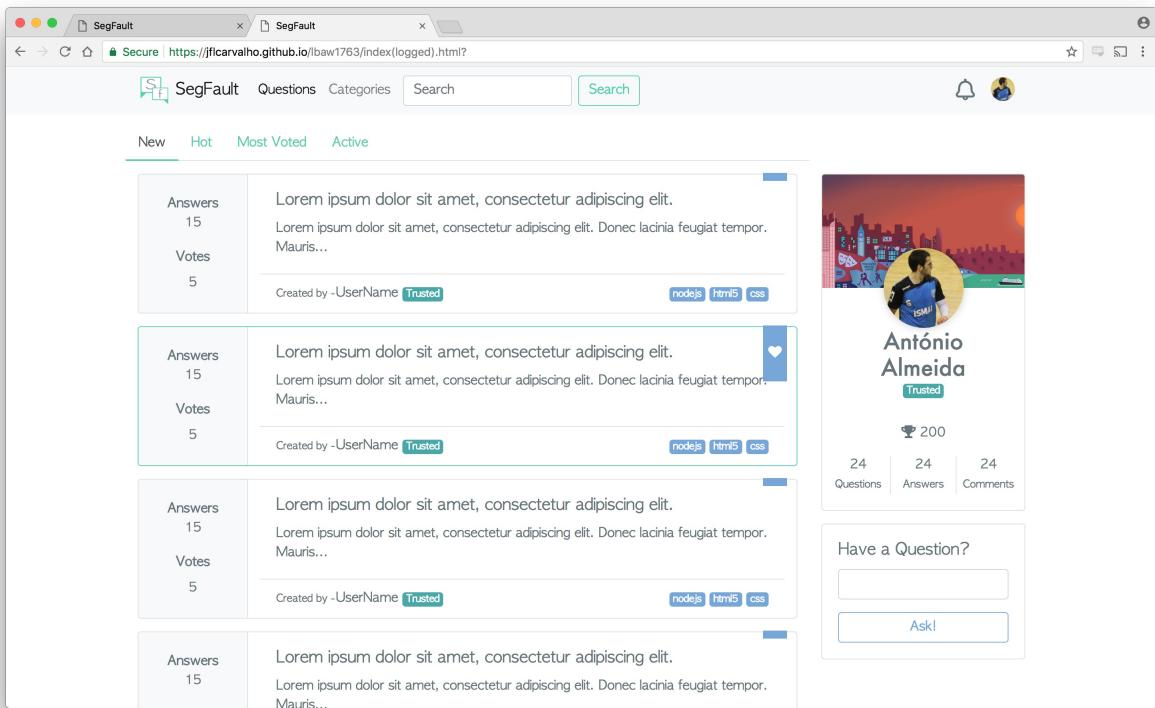


Figure 1.a: Home page.

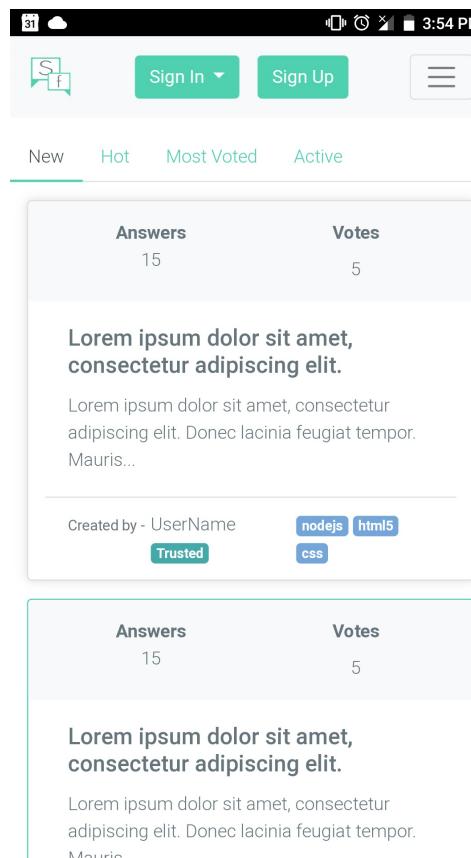


Figure 1.b: Home page, on mobile.

UI02: About

The [about page](#) informs the user of the purpose of the site, as well as the team behind it. Additionally, the user can navigate to the developers' *SegFault* profiles by clicking on them.

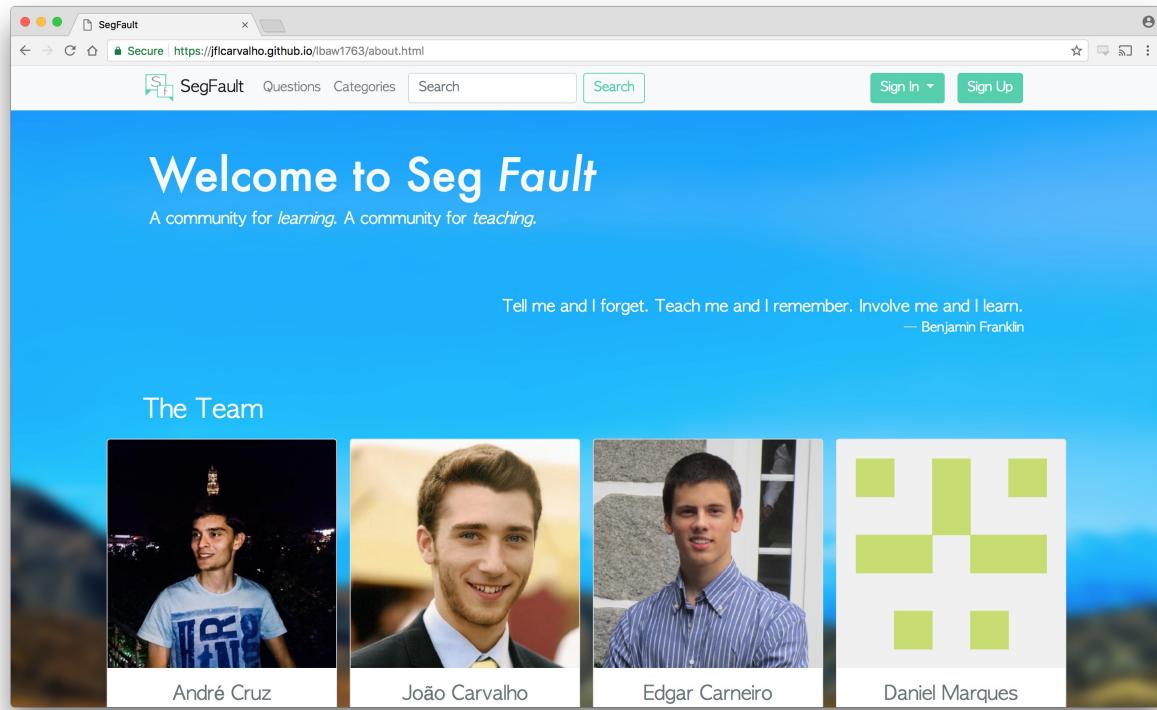


Figure 2.a: About page.



Figure 2.b: About page, on mobile.

UI03: Question

The question page allows a user to see the full description of a question, as well as its answers and comments. An authenticated user can vote on a question, answer or comment, or report any of these.

The owner of a question can also accept an answer as correct, edit the question's description and categories, and/or delete it.

The screenshot shows a web browser window with the title 'SegFault'. The URL is [https://fflcarvalho.github.io/baw1763/question\(logged\).html](https://fflcarvalho.github.io/baw1763/question(logged).html). The page content is as follows:

Question Title: **SegFault** **Questions Categories** **Search** **Search** **Notifications** **User Profile**

Question Text: **Lorem ipsum dolor sit amet, consectetur adipiscing elit.**

Description: Let's say we're making a first-person camera. The basic idea is it should yaw to look left & right, and pitch to look up & down. So we write a bit of code like this (using Unity as an example):

```
1. void Update() {  
2.     float speed = lookSpeed * Time.deltaTime;  
3.  
4.     // Yaw around the y axis using the player's horizontal input.  
5.     transform.Rotate(0f, Input.GetAxis("Horizontal") * speed, 0f);  
6.  
7.     // Pitch around the x axis using the player's vertical input.  
8.     transform.Rotate(-Input.GetAxis("Vertical") * speed, 0f, 0f);  
9. }
```

Upvote/Downvote Buttons: **Upvote** **Downvote**

Statistics: Answers: 15 **Heart** Votes: 5

Image Preview: A small thumbnail image showing a green grassy field with a character in the center.

Created By: UserName **Trusted** **node.js** **html5** **css**

Comments: **7** **Upvote** **Downvote** **Edited** **Etiam semper lacus eu dolor dictum, a dictum odio laoreet. Praesent luctus hendrerit dapibus. Class aptent taciti sociosqu ad litora torquent per conubia nostra, per inceptos himenaeos. Vestibulum dapibus leo id neque consequat placerat.**

Related Questions: Success card title Some quick example text to

Figure 3.a: Question page.

The screenshot shows a question page from a website called SegFault. The URL in the address bar is [https://jflicarvalho.github.io/baw1763/question\(logged\).html](https://jflicarvalho.github.io/baw1763/question(logged).html). The main content area displays a question with the title "Lorem ipsum dolor sit amet, consectetur adipiscing elit.". Below the title is a text block: "Etiam semper lacus eu dolor dictum, a dictum odio laoreet. Praesent luctus hendrerit dapibus. Class aptent taciti sociosqu ad litora torquent per conubia nostra, per inceptos himenaeos. Vestibulum dapibus leo id neque consequat placerat." A small trophy icon indicates 7 upvotes, and a pencil icon indicates it was "Edited". Below this is a "Created by - UserName Trusted" section and a "4 comments Add Comment" button. To the right, there's a sidebar titled "Related Questions" with a card titled "Success card title" containing placeholder text about building a card title and content. At the top of the page, there's a navigation bar with "SegFault", "Questions", "Categories", a search bar, and user profile icons.

Figure 3.b: Question page, scrolled down.

The screenshot shows the same question page from the SegFault website as in Figure 3.b, but viewed on a mobile phone. The interface is adapted for a smaller screen, with the main content area showing the question title and a truncated version of the text block. The trophy icon for upvotes and the edit icon are visible. The "Created by" and "Comments" sections are also present. The mobile device's status bar at the top shows signal strength, battery level, and the time 3:55 PM.

Figure 3.c: Question page, on mobile.

UI04: Ask a Question

This page allows an authenticated user to ask a question. The description can be designed with markdown, and features code syntax highlighting. The user can also add tags to a question.

Note that the title may already be filled in if the user was redirected from the main page's "Ask!" button.

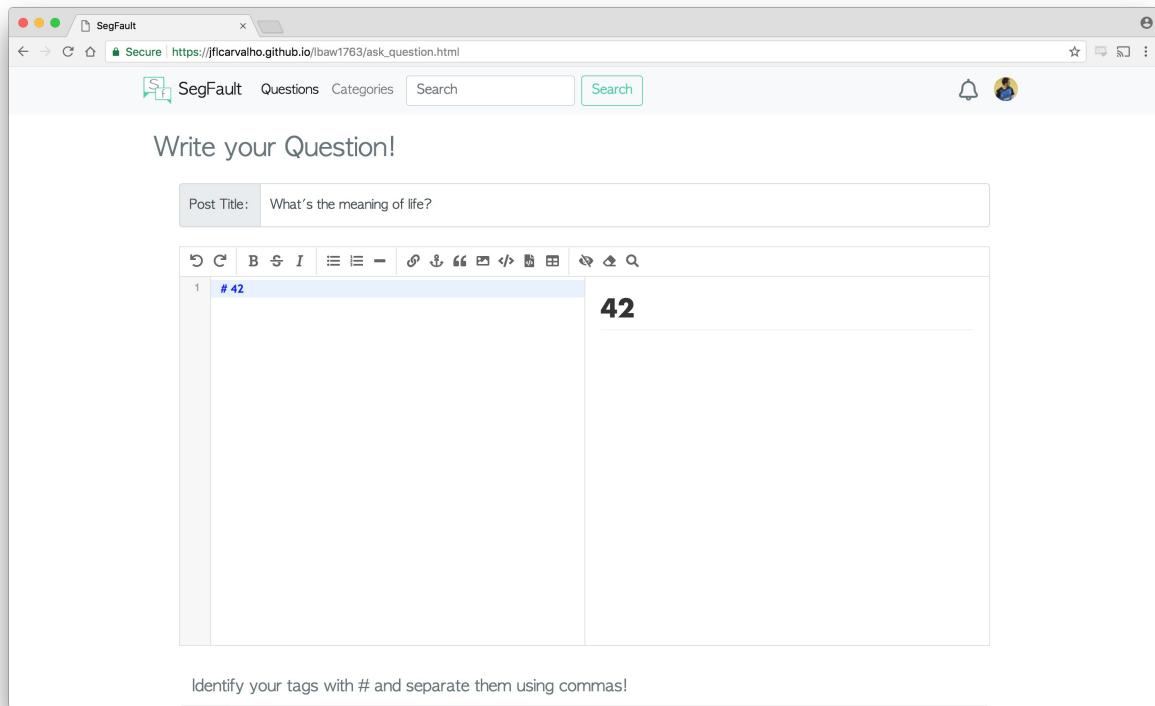


Figure 4.a: Ask question page.

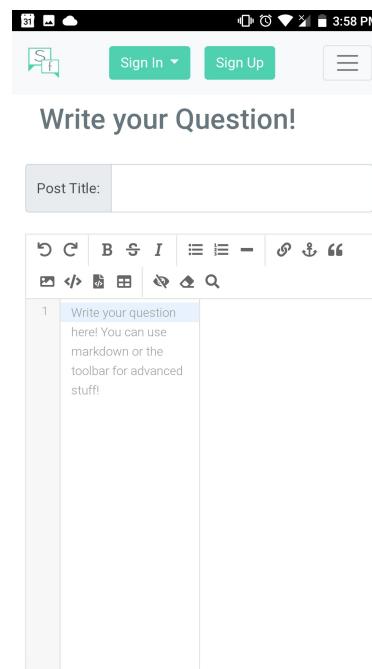


Figure 4.b: Ask/Edit question page, on mobile.

UI05: Profile

A user's [profile page](#) features its contributions to the *SegFault* community, from comments, answers and questions posted, to its overall reputation and badges earned. The owner of a profile can change its profile picture and the short *bio*.

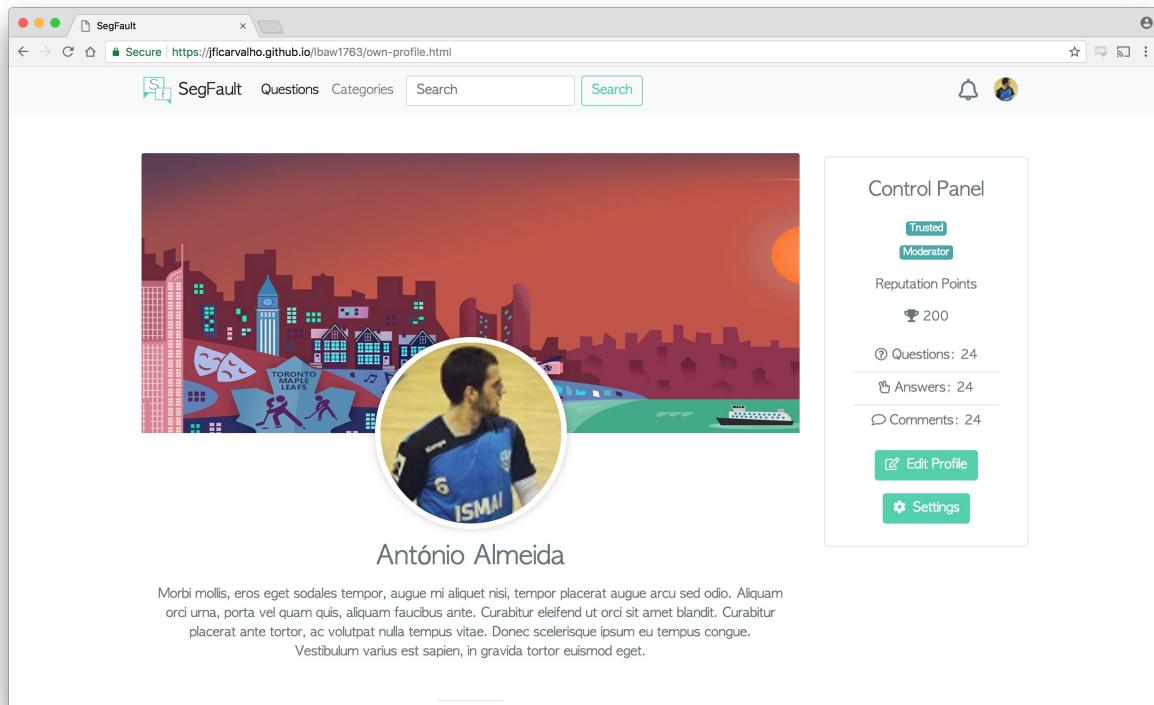


Figure 5.a: A user's [own profile page](#).

The screenshot shows a user's profile page on a desktop browser. At the top, there is a navigation bar with a logo, the site name "SegFault", and links for "Questions", "Categories", and "Search". On the right side of the header are icons for notifications and a user profile. Below the header, there is a short text snippet: "orci urna, porta vel quam quis, aliquam faucibus ante. Curabitur eleifend ut orci sit amet blandit. Curabitur placerat ante tortor, ac volutpat nulla tempus vitae. Donec scelerisque ipsum eu tempus congue. Vestibulum varius est sapien, in gravida tortor euismod eget." A section titled "My Activity" follows, with tabs for "Questions", "Answers", "Comments", and "Marked Questions". Under "Questions", there are three items, each containing a snippet of text: "Lorem ipsum dolor sit amet, consectetur adipiscing elit.", "Lorem ipsum dolor sit amet, consectetur adipiscing elit. Donec lacinia feugiat tempor. Mauris...", and "Lorem ipsum dolor sit amet, consectetur adipiscing elit. Donec lacinia feugiat tempor. Mauris...". To the right of the activity section is a "Control Panel" box with sections for "Trusted" and "Moderator" status, "Reputation Points" (200), and statistics for "Questions: 24", "Answers: 24", and "Comments: 24". It also includes "Edit Profile" and "Settings" buttons.

Figure 5.b: A user's [own profile page](#), scrolled down.

The screenshot shows a user's profile page on a mobile device. At the top, there is a navigation bar with icons for signal strength, battery, and time (3:57 PM). Below the bar is a header with a logo, a notification bell icon, a user profile icon, and a menu icon. The main content area features a circular profile picture of a man in a blue sports jersey with the number 6 and the word "ISMAIL" on it. The background of the profile picture is a colorful illustration of a city skyline at sunset. Below the profile picture, the user's name "António Almeida" is displayed in a large, bold font. Underneath the name is a short bio text: "Morbi mollis, eros eget sodales tempor, augue mi aliquet nisi, tempor placerat augue arcu sed odio. Aliquam orci urna, porta vel quam quis, aliquam faucibus ante. Curabitur eleifend ut orci sit amet blandit. Curabitur placerat ante tortor, ac volutpat nulla tempus vitae. Donec scelerisque ipsum eu tempus congue. Vestibulum varius est sapien, in gravida tortor euismod eget.".

Figure 5.c: Profile page, on mobile.



Figure 5.d: Profile page, on mobile, scrolled down.

UI06: Sign Up

The [sign up page](#) allows users to register on *SegFault*.

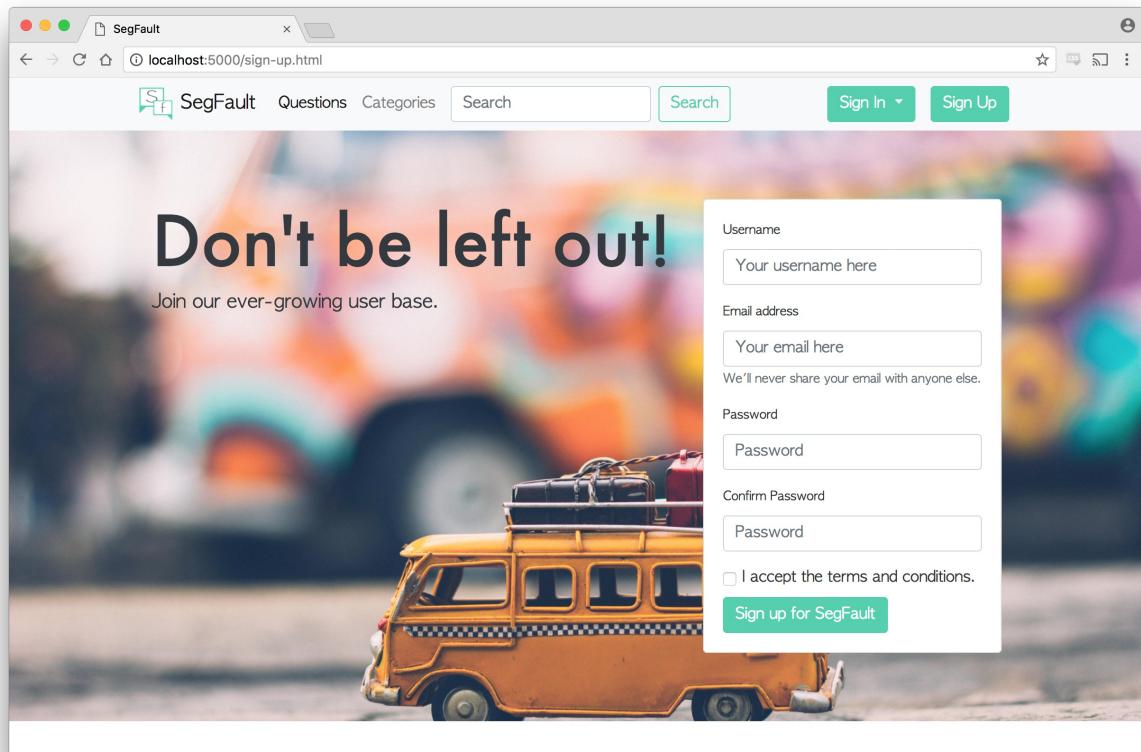


Figure 6.a: Sign Up page.

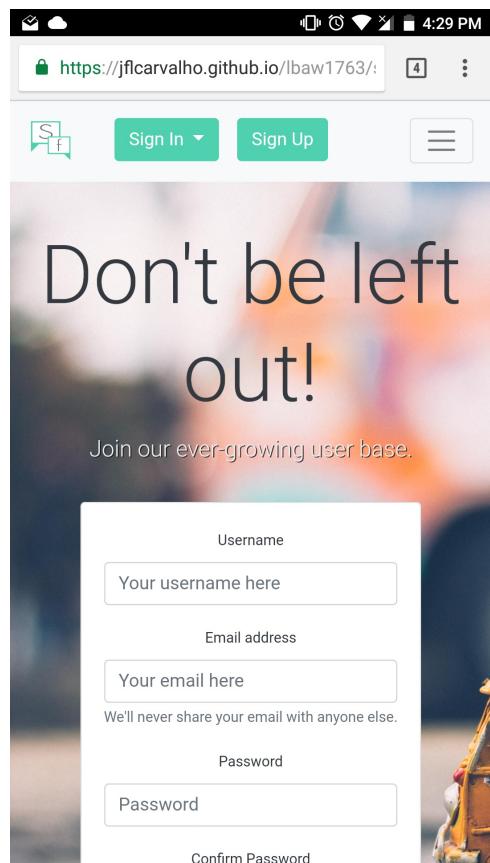


Figure 6.b: Sign Up page, on mobile.

UI08: Error

The [error page](#) informs the user that the server has *segfaulted*, and thus cannot visit the page he was looking for.

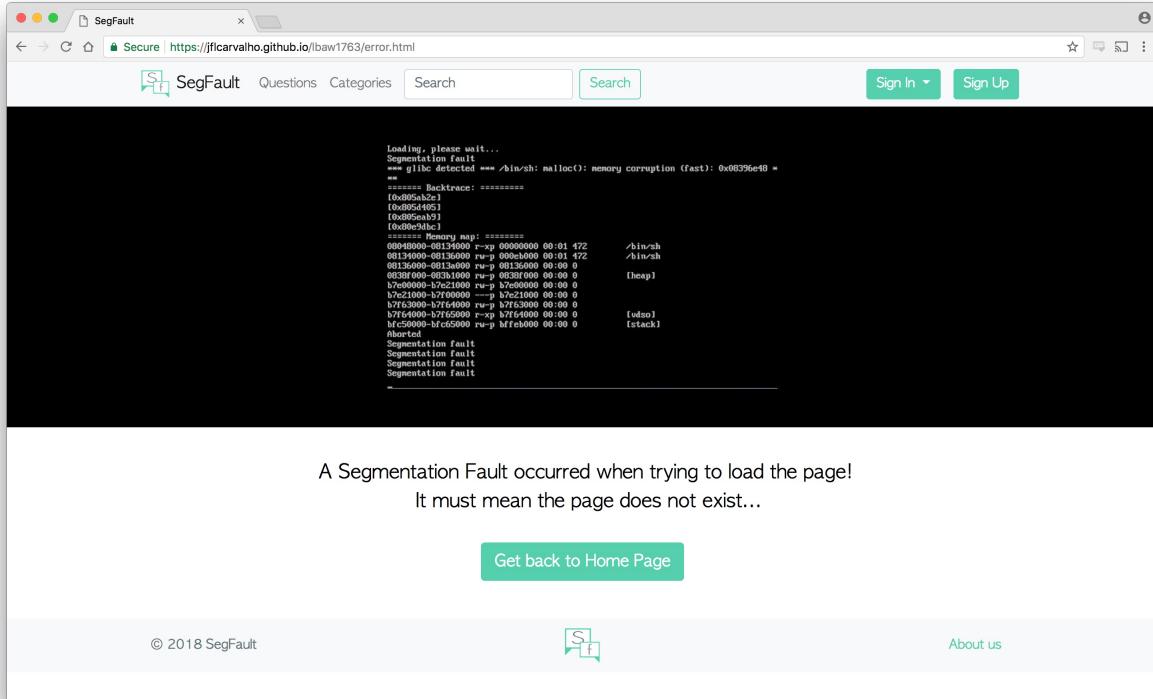


Figure 7.a: Error page.



Figure 7.b: Error page, on mobile.

Revision history

GROUP1763, 06/03/2018

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