

A3: User Interface Prototype

This user interfaces prototype (or horizontal prototype) has the following goals:

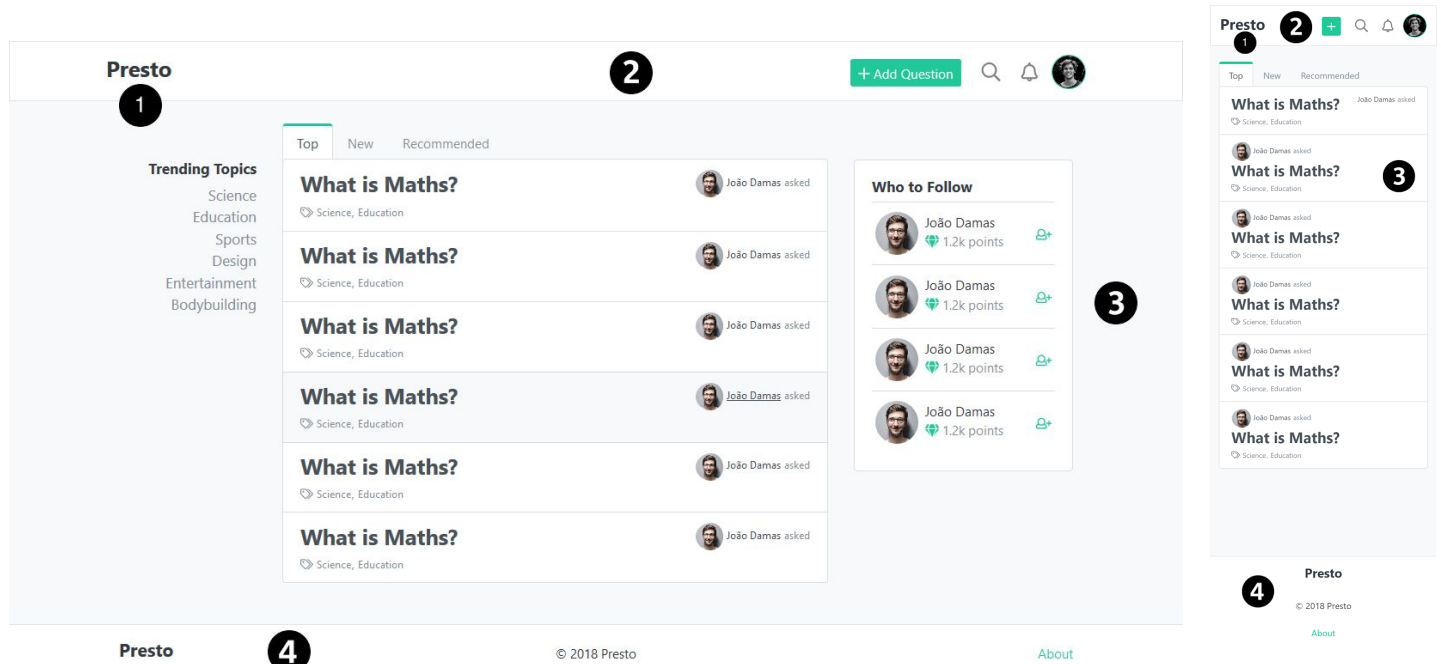
1. Help to identify and describe the user requirements, and raise new ones;
2. Preview and empirically test the user interface of the product to be developed;
3. Enable quick and multiple iterations on the design of the user interface.

First, there is a description of the general application interface and the common features of all pages. After that, an overview of the information system from the viewpoint of the users is provided, through a sitemap. Finally, using storyboards, there is an identification and description of the main interactions with the system.

The interfaces' descriptions are presented on the end of the document.

1. Interface and common features

Presto is a web application based on HTML5, JavaScript and CSS. The user interface was implemented using the Bootstrap framework(version 4.0). This framework simplifies the development of fluid layouts capable of adapting to various devices as the responsive part is already built in.



1. **Logo**
2. **Navbar**

3. **Content**
4. **Footer**

Figure 1: Interface's guidelines.

In general, the interface follows a minimalistic and content centered approach by reducing visual clutter as most as possible, while keeping a complete and intuitive experience. To accomplish this, it features some common elements, such as:

- Graphic and rich typography
- Card based layouts, based on either lists or grids
- Strategic use of non neutral color, mostly green, used to highlight interactable content
- A white based color scheme in order to improve readability
- Similar components across pages to provide a consistent user experience

2. Sitemap

A sitemap is a visual representation of the relationship between the different pages of a website that shows how all the information fits together. It gives the team an idea of how the website is going to be build by helping to clarify the information hierarchy. [\[Brown10\]](#). Below is the sitemap for **Presto**.

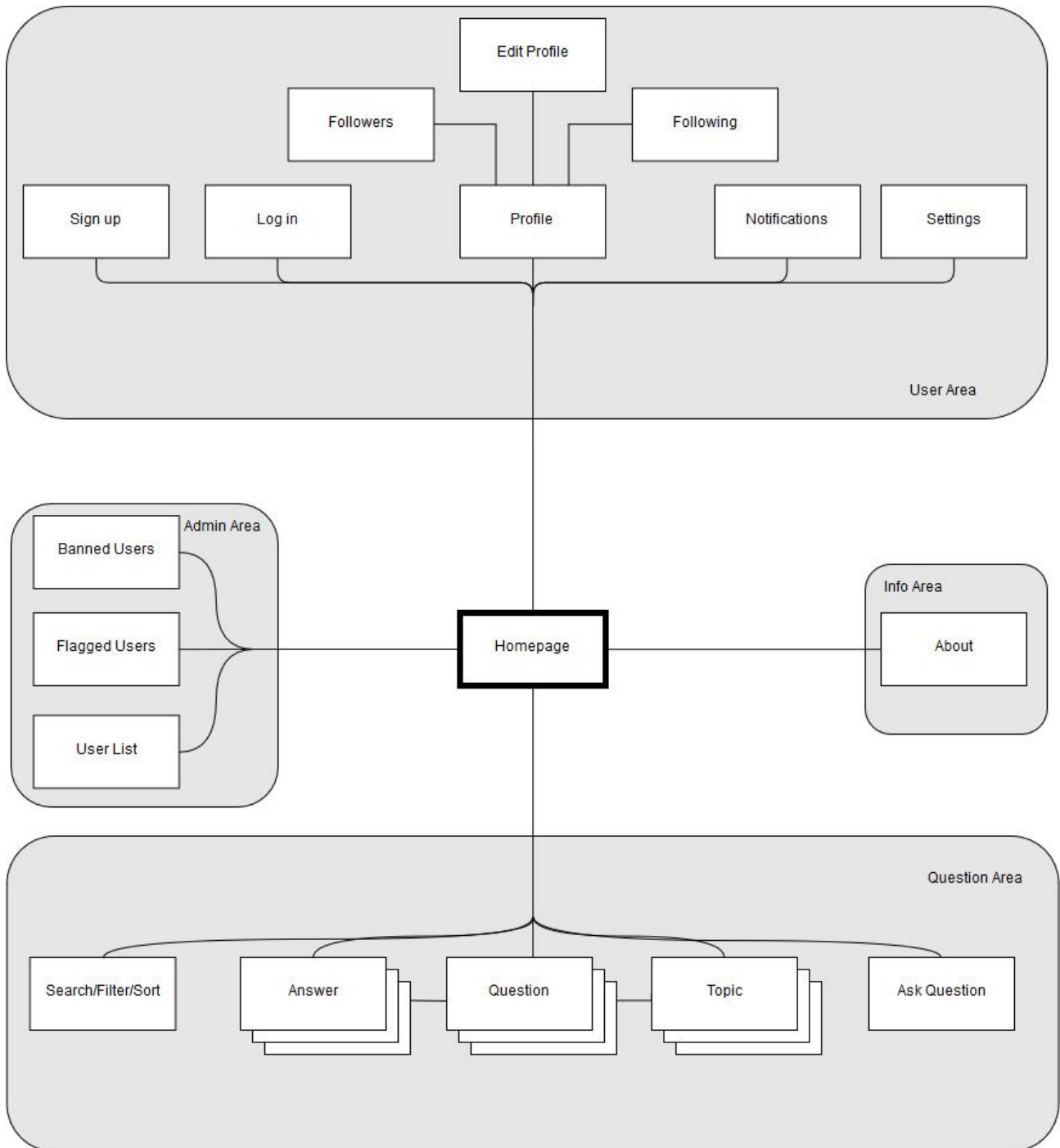


Figure 2: Presto's sitemap

3. Storyboards

Storyboards are presented to represent some of the main interactions with the system using a sequence of interfaces and explaining how navigation is done between them.

SB01: Sign up /Log in

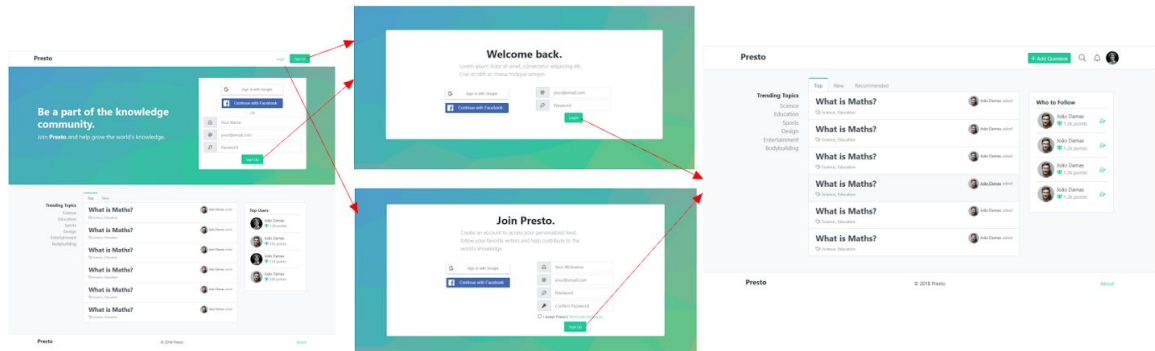


Figure 3 - Wireflow for the sign-in and sign-up interaction.

SB02: Profile

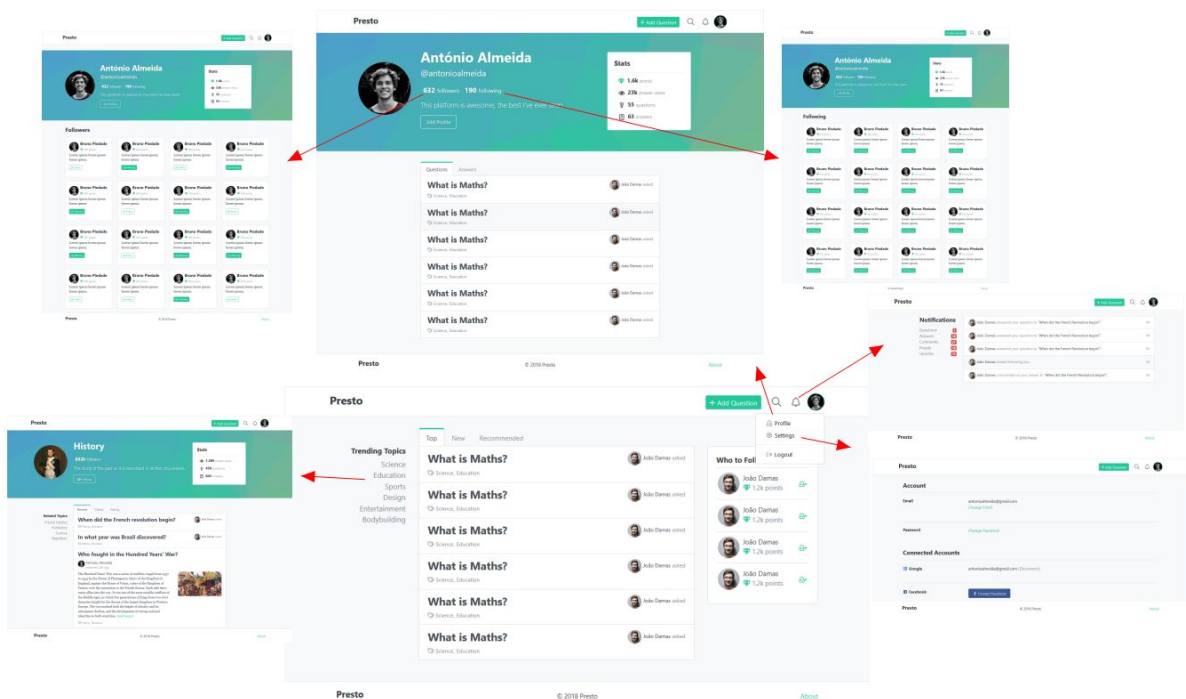


Figure 4: Wireflow centered on the member's options.

SB03: Question

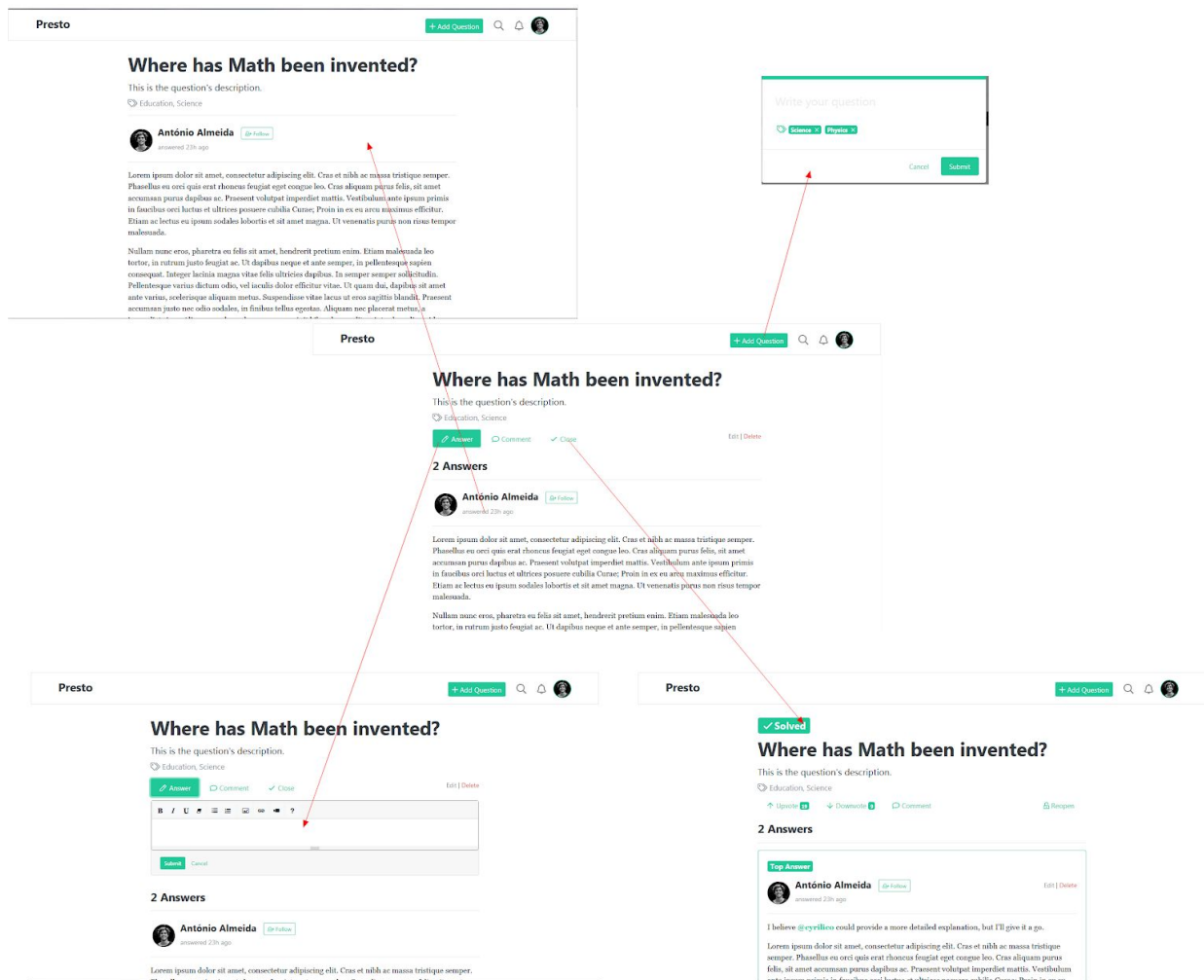


Figure 5: Wireflow centered on question's options.

SB04: Search bar

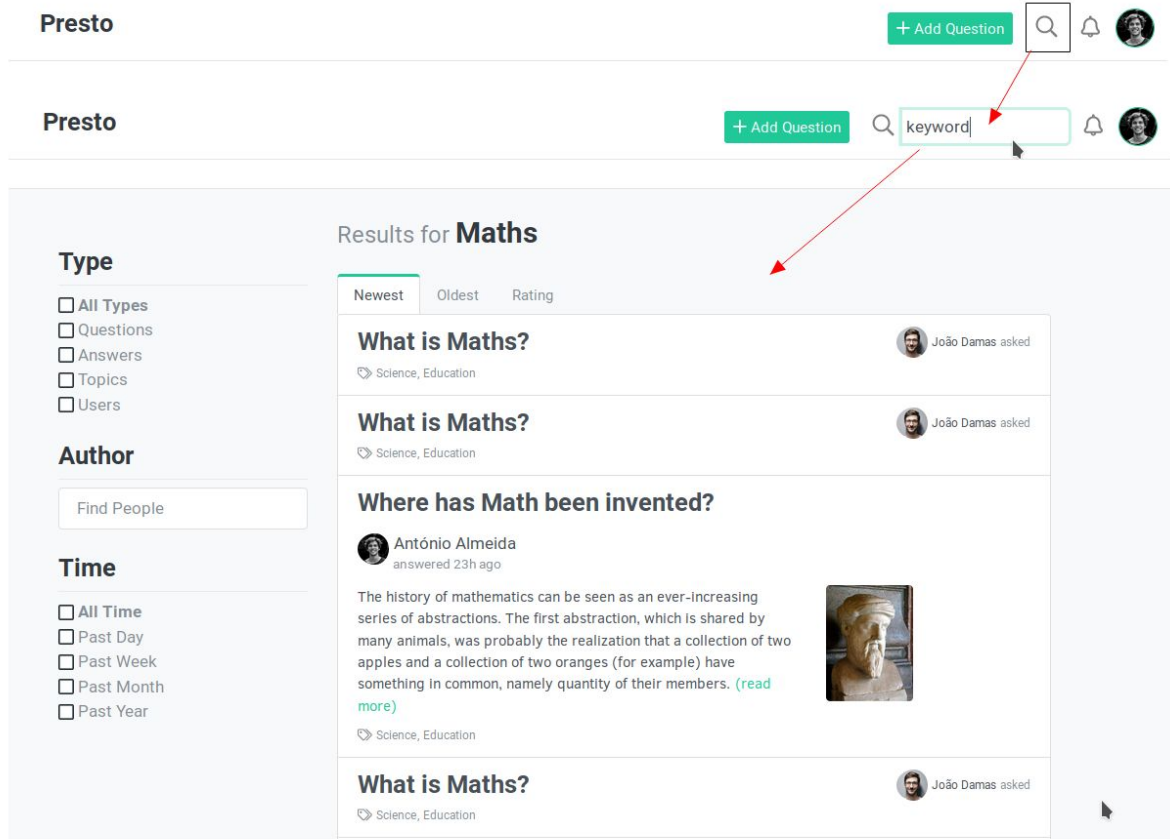


Figure 6: Wireflow centered on search options.

SB05: Admin

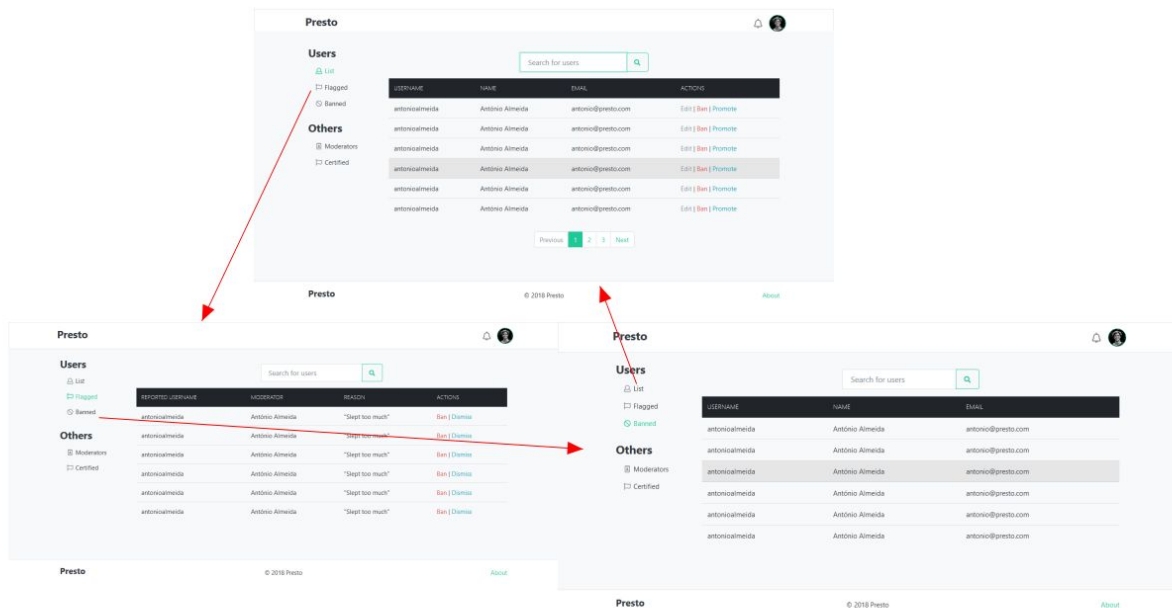


Figure 7: Wireflow centered on the admin's options.

4.Interfaces

The following interfaces describe the main content of the web pages and their relative priority, helping the team preview the features and behaviour of the final product's different screens.

UI01: Sign up

Join Presto.

Create an account to access your personalized feed, follow your favorite writers and help contribute to the world's knowledge.

Sign in with Google

Continue with Facebook

Your Nickname

your@email.com

Password

Confirm Password

☐ I accept Presto's [Terms and Conditions](#).

Sign Up

Join Presto.

Create an account to access your personalized feed, follow your favorite writers and help contribute to the world's knowledge.

Sign in with Google

Continue with Facebook

Your Nickname

your@email.com

Password

Confirm Password

☐ I accept Presto's [Terms and Conditions](#).

Sign Up

Figure 8: Sign up page, where users can register. Link: [Sign Up](#)

UI02: Log in

Welcome back.

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Cras et nibh ac massa tristique semper.

Sign in with Google

Continue with Facebook

your@email.com

Password

Login

Welcome back.

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Cras et nibh ac massa tristique semper.

Sign in with Google

Continue with Facebook

your@email.com

Password

Login

Figure 9: Log in page, where members can authenticate. Link: [Log in](#)

UI03: About

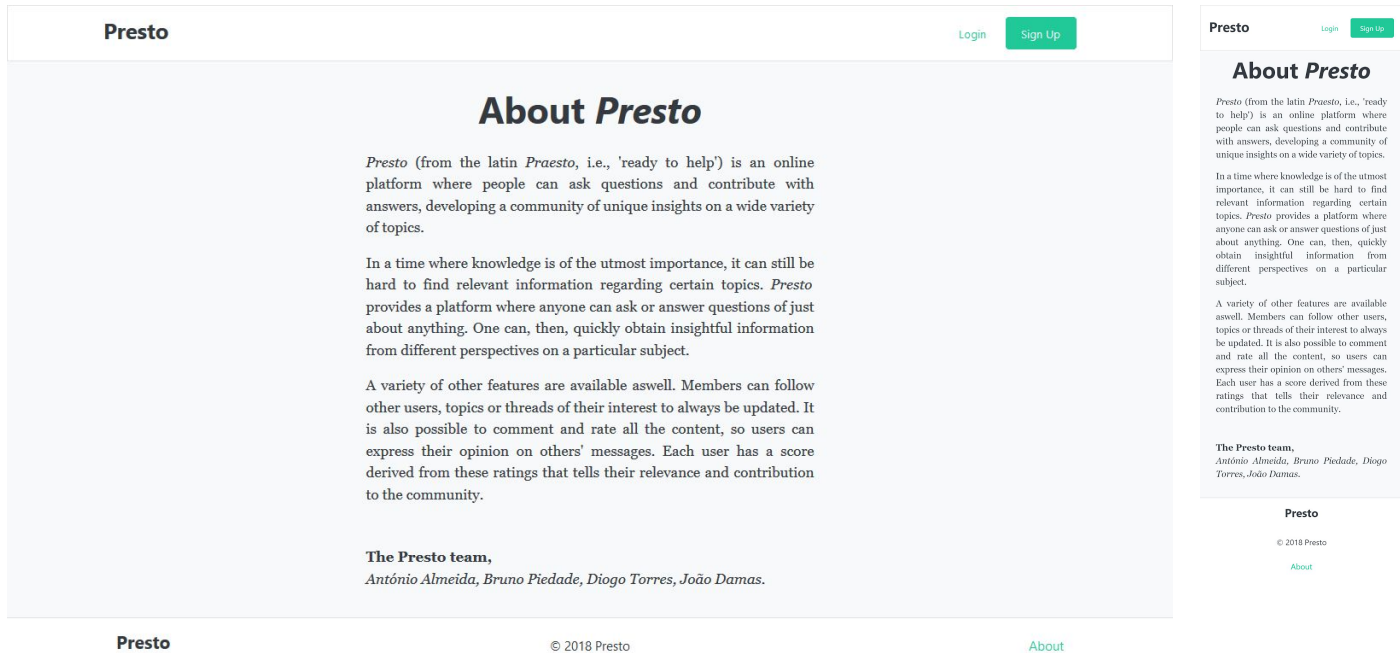


Figure 10: About page, where users can learn more about the project. Link: [About](#)

UI04: Admin

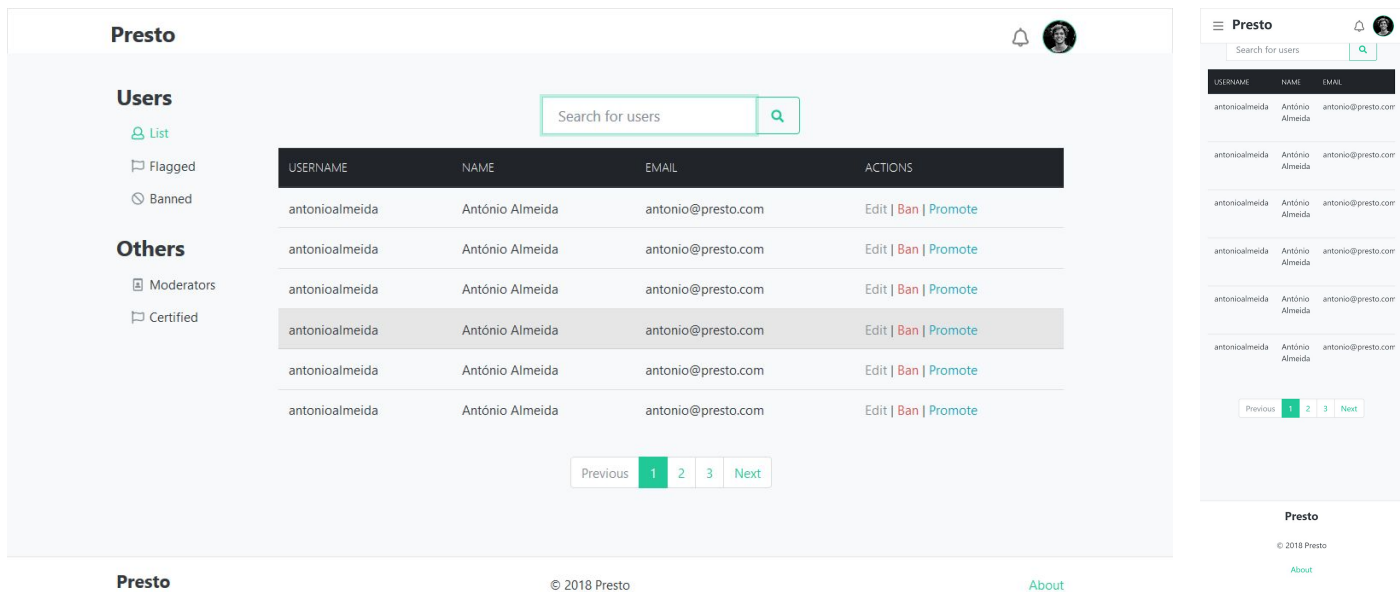


Figure 11: Administration page, where the admin can manage all the users. Link: [Admin](#)

UI05: Edit Profile

The image displays two versions of the 'Edit Profile' page on the Presto platform. The left version is a desktop layout, and the right version is a mobile layout.

Desktop View (Left):

- Header:** 'Presto' logo on the left, and '+ Add Question', search icon, notification bell, and profile icon on the right.
- Profile Section:**
 - Avatar:** A circular profile picture of a man.
 - Name:** 'António Almeida' in a large white input field.
 - Username:** '@antonioalmeida' in a white input field.
 - Bio:** 'This platform is awesome, the best I've ever seen.' in a white input field.
 - Buttons:** 'Save' (white) and 'Cancel' (red) buttons at the bottom.

Mobile View (Right):

- Header:** 'Presto' logo, a green '+' button, search icon, notification bell, and profile icon.
- Profile Section:**
 - Avatar:** A circular profile picture of a man.
 - Name:** 'António Almeida' in a white input field.
 - Username:** '@antonioalmeida' in a white input field.
 - Bio:** 'This platform is awesome, the best I've ever seen.' in a white input field.
 - Buttons:** 'Save' (white) and 'Cancel' (red) buttons at the bottom.

Footer:


- Desktop:** 'Presto' logo, '© 2018 Presto', and 'About' link.
- Mobile:** 'Presto' logo, '© 2018 Presto', and 'About' link.

Figure 12: Edit Profile page, where members can update their account's information. Link: [Edit Profile](#)

UI06: Followers

Presto

+ Add Question



António Almeida

@antonioalmeida

632 followers 190 following

This platform is awesome, the best I've ever seen.

Edit Profile

Stats


1.6k points

23k answer views

55 questions

63 answers

Followers




Bruno Piedade

200 points

Lorem ipsum lorem ipsum lorem ipsum.

Follow




Bruno Piedade

200 points

Lorem ipsum lorem ipsum lorem ipsum.

Following




Bruno Piedade

200 points

Lorem ipsum lorem ipsum lorem ipsum.

Follow




Bruno Piedade

200 points

Lorem ipsum lorem ipsum lorem ipsum.

Following




Bruno Piedade

200 points

Lorem ipsum lorem ipsum lorem ipsum.

Following




Bruno Piedade

200 points

Lorem ipsum lorem ipsum lorem ipsum.

Follow




Bruno Piedade

200 points

Lorem ipsum lorem ipsum lorem ipsum.

Following




Bruno Piedade

200 points

Lorem ipsum lorem ipsum lorem ipsum.

Follow




Bruno Piedade

200 points

Lorem ipsum lorem ipsum lorem ipsum.

Following




Bruno Piedade

200 points

Lorem ipsum lorem ipsum lorem ipsum.

Follow




Bruno Piedade

200 points

Lorem ipsum lorem ipsum lorem ipsum.

Following




Bruno Piedade

200 points

Lorem ipsum lorem ipsum lorem ipsum.

Following




Bruno Piedade

200 points

Lorem ipsum lorem ipsum lorem ipsum.

Follow




Bruno Piedade

200 points

Lorem ipsum lorem ipsum lorem ipsum.

Follow




Bruno Piedade

200 points

Lorem ipsum lorem ipsum lorem ipsum.

Following




Bruno Piedade

200 points

Lorem ipsum lorem ipsum lorem ipsum.

Follow


Followers



Bruno Piedade

200 points


Follow



Bruno Piedade

200 points


Following



Bruno Piedade

200 points


Follow



Bruno Piedade

200 points


Following



Bruno Piedade

200 points


Follow



Bruno Piedade

200 points


Following



Bruno Piedade

200 points


Follow



Bruno Piedade

200 points


Following



Bruno Piedade

200 points


Follow



Bruno Piedade

200 points


Following



Bruno Piedade

200 points


Follow



Bruno Piedade

200 points


Following



Bruno Piedade

200 points


Follow



Bruno Piedade

200 points


Following



Bruno Piedade

200 points


Follow



Bruno Piedade

200 points


Following



Bruno Piedade

200 points

Follow



Bruno Piedade

200 points

Following

Presto

© 2018 Presto

About

Figure 13: - Followers page, where members can check who follows them. Link: [Followers](#)

UI07: Following

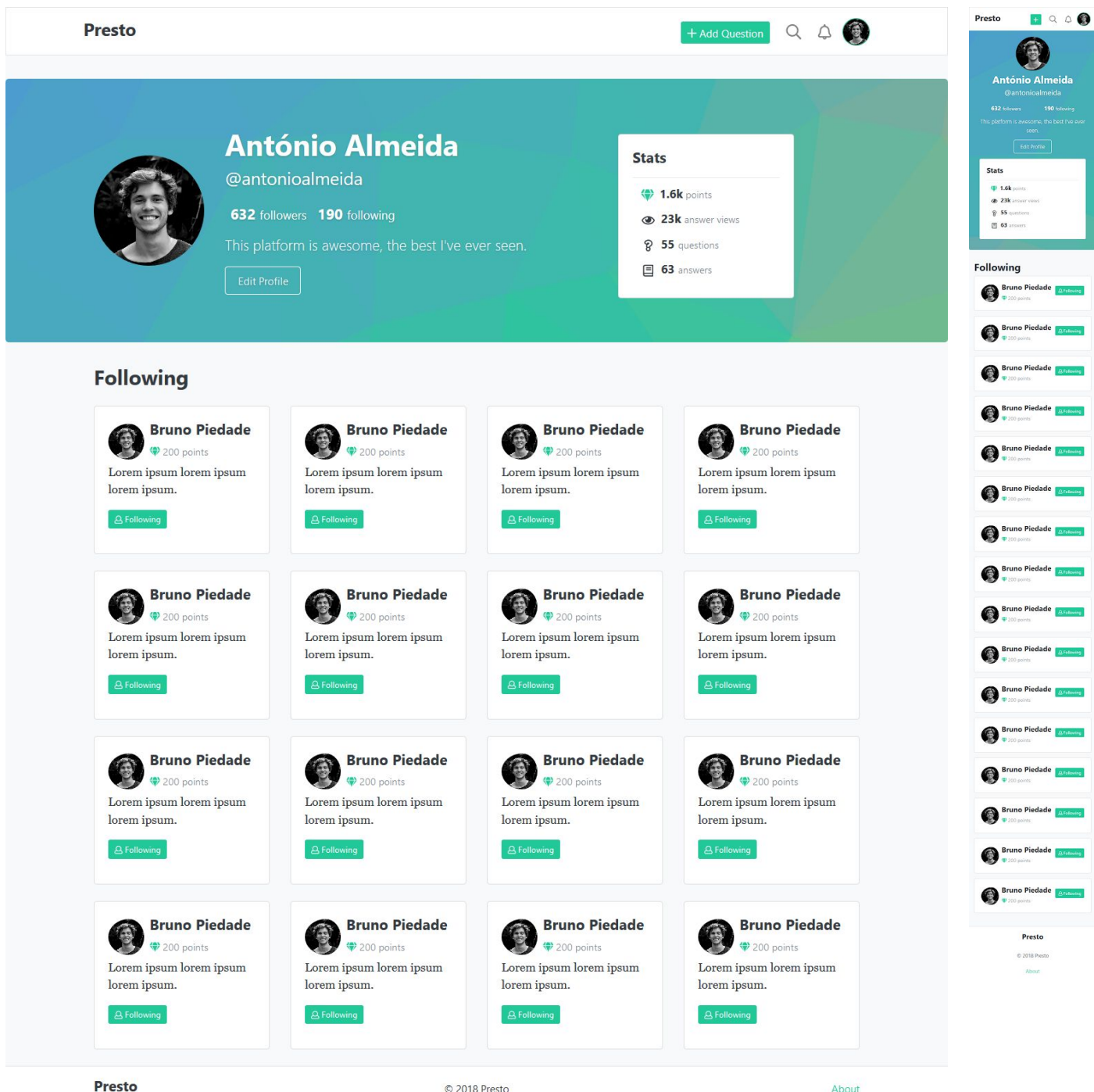


Figure 14: Following, where members can keep track of who they follow. Link: [Following](#)

UI08: Index

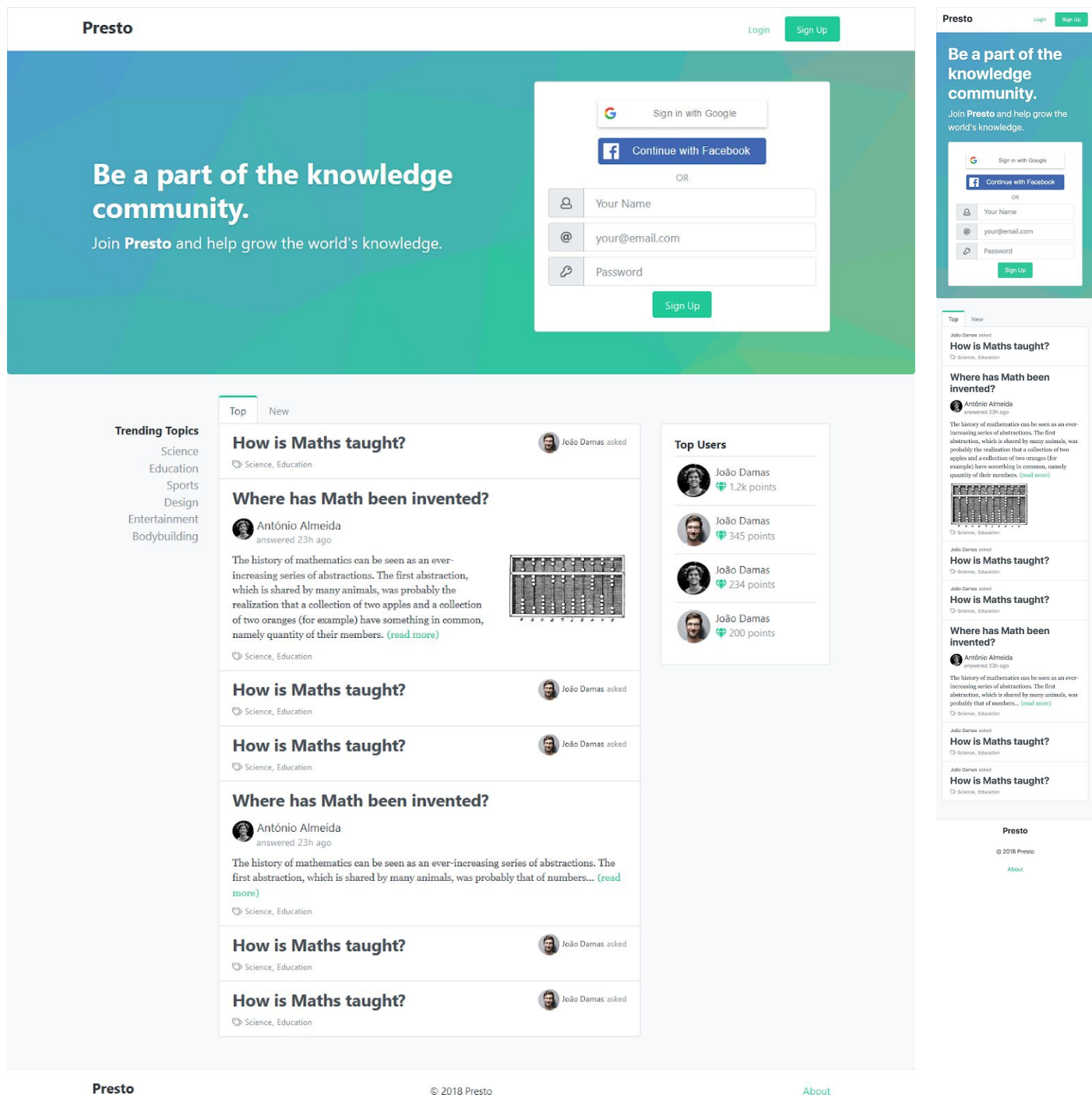


Figure 15: Index, the system's initial page. Link: [Index](#)

UI09: Logged Index

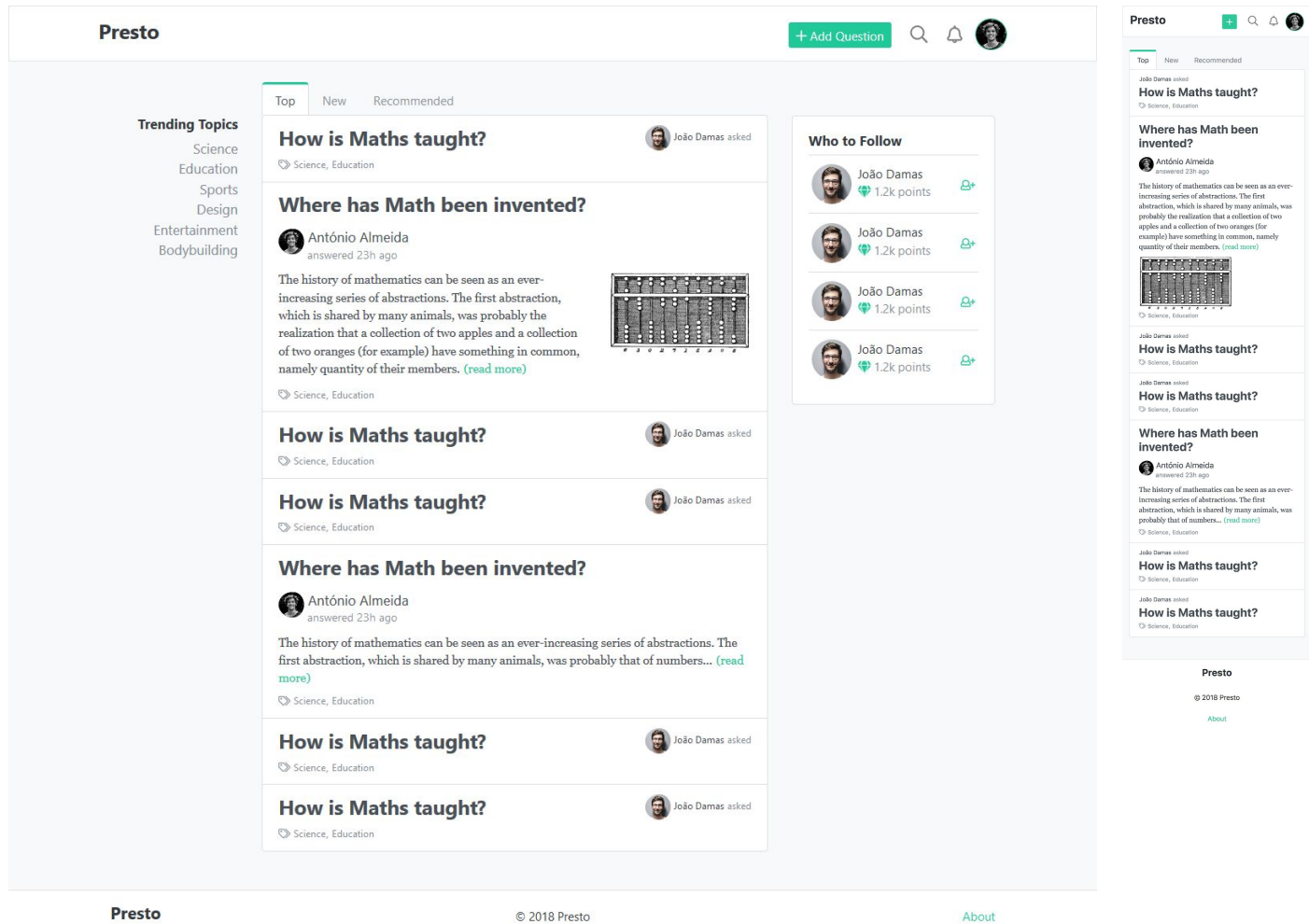


Figure 16: Index, the system's initial page (logged in version). Link: [Index \(logged in\)](#)

UI10: Notifications

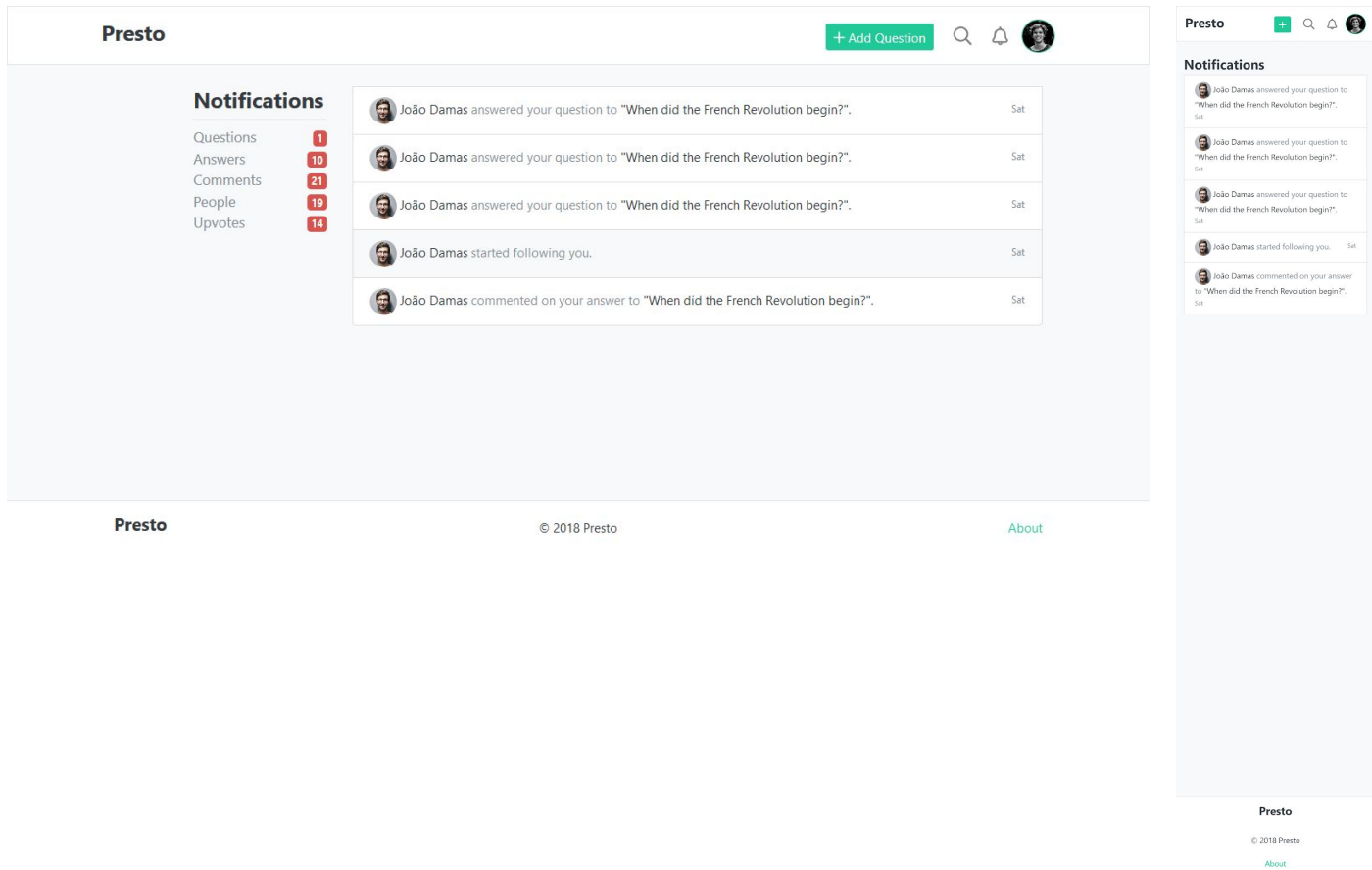



Figure 17: Notifications, where members can be warned about activity that interests them. Link: [Notifications](#)

UI11: Profile

Presto + Add Question 🔍 🔔 👤



António Almeida

@antonioalmeida

632 followers 190 following

This platform is awesome, the best I've ever seen.

[Edit Profile](#)

Stats

- 1.6k points
- 23k answer views
- 55 questions
- 63 answers

Questions Answers

How is Maths taught?

Science, Education

João Damas asked

How is Maths taught?

Science, Education

João Damas asked

How is Maths taught?

Science, Education

João Damas asked

How is Maths taught?

Science, Education

João Damas asked

How is Maths taught?

Science, Education

João Damas asked

How is Maths taught?

Science, Education

João Damas asked

Questions Answers

João Damas asked

How is Maths taught?

Science, Education

João Damas asked

How is Maths taught?

Science, Education

João Damas asked

How is Maths taught?

Science, Education

João Damas asked

How is Maths taught?

Science, Education

João Damas asked

How is Maths taught?

Science, Education

João Damas asked

How is Maths taught?

Science, Education

Presto

© 2018 Presto

[About](#)

Figure 18: Profile, acting as a member's presentation page. Link: [Profile](#)

UI12: Profile Settings

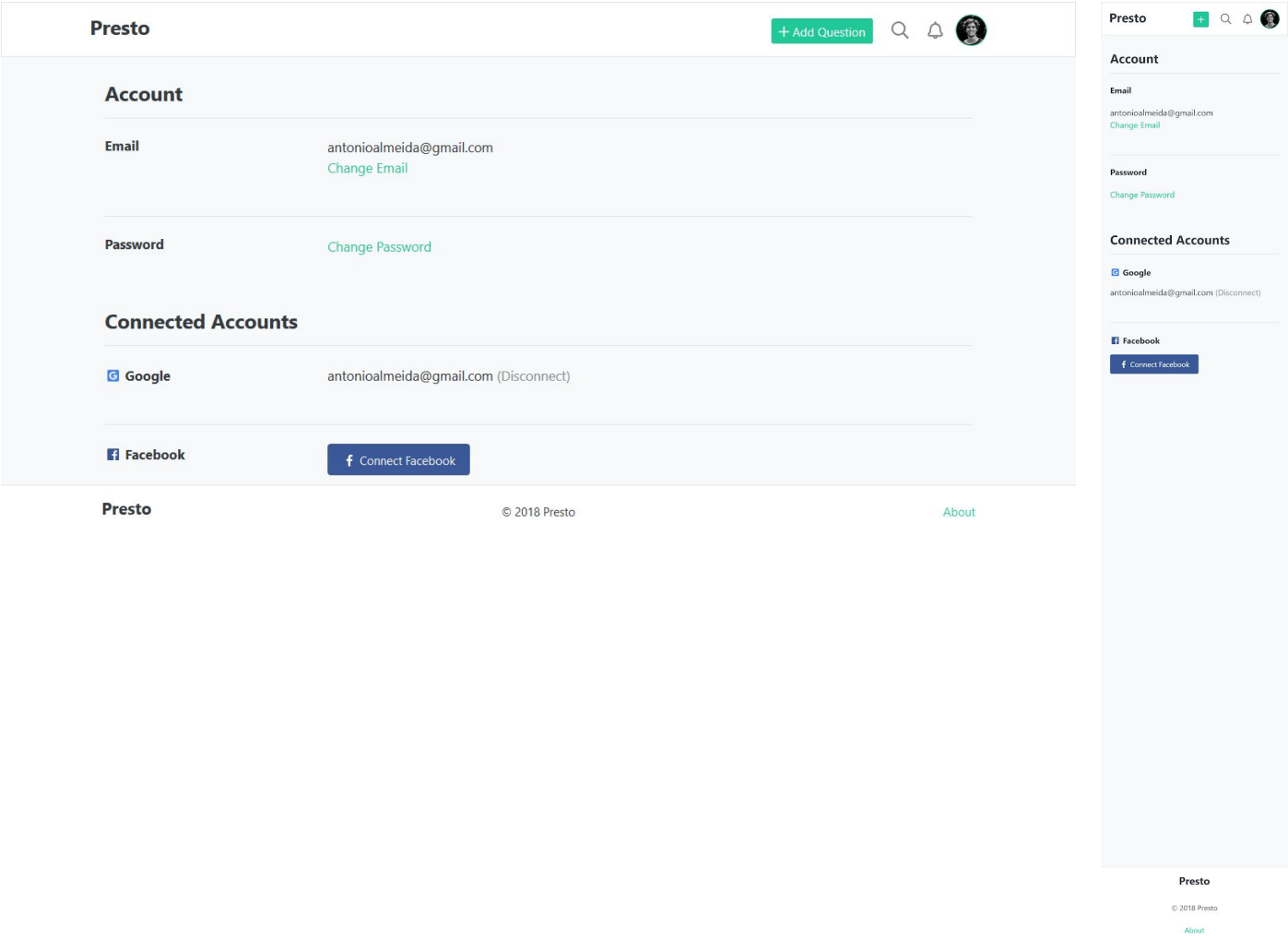


Figure 19: Settings, where members can update their account’s details. Link: [Settings](#)

UI13: Question

Presto

+ Add Question

Q

U

Profile

Where has Math been invented?

This is the question's description.

Education, Science

Answer

Comment

Close

Edit | Delete

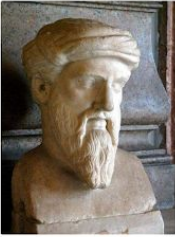
2 Answers

Antônio Almeida

answered 23h ago

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Cras et nibh ac massa tristique semper. Phasellus eu orci quis erat rhoncus feugiat eget congue leo. Cras aliquam purus felis, sit amet accumsan purus dapibus ac. Praesent volutpat imperdiet mattis. Vestibulum ante ipsum primis in faucibus orci luctus et ultrices posuere cubilia Curae; Proin in ex eu arcu maximus efficitur. Etiam ac lectus eu ipsum sodales lobortis et sit amet magna. Ut venenatis purus non risus tempus malesuada.

Nullam nunc eros, pharetra eu felis sit amet, hendrerit pretium enim. Etiam malesuada leo tortor, in rutrum justo feugiat ac. Ut dapibus neque et ante semper, in pellentesque sapien consequat. Integer lacinia magna vitae felis ultrices dapibus. In semper semper sollicitudin. Pellentesque varius dictum odio, vel iaculis dolor efficitur vitae. Ut quam dui, dapibus sit amet ante varius, scelerisque aliquam metus. Suspendisse vitae lacus et eros sagittis blandit. Praesent accumsan justo nec odio sodales, in faucibus tellus egetas. Aliquam nec placerat metus, a imperdiet risus. Aliquam malesuada, nunc ac suscipit lobortis, velit ex interdum diam, id viverra ipsum nisl eu magna.



In tristique luctus enim, vitae porttitor augue rutrum ut. Mauris non gravida turpis, mollis porta augue. Pellentesque et ultrices leo. Proin cursus dapibus risus sed commodo. Etiam non bibendum tortor, a ultrices massa. Suspendisse ut mi a mi suscipit sagittis sit amet tristique magna. Duis egetas varius massa, eu ultrices sem convallis vitae. Sed ultrices iaculis lacus vitae viverra.

In tristique luctus enim, vitae porttitor augue rutrum ut. Mauris non gravida turpis, mollis porta augue. Pellentesque et ultrices leo. Proin cursus dapibus risus sed commodo. Etiam non bibendum tortor, a ultrices massa. Suspendisse ut mi a mi suscipit sagittis sit amet tristique magna. Duis egetas varius massa, eu ultrices sem convallis vitae. Sed ultrices iaculis lacus vitae viverra.

In tristique luctus enim, vitae porttitor augue rutrum ut. Mauris non gravida turpis, mollis porta augue. Pellentesque et ultrices leo. Proin cursus dapibus risus sed commodo. Etiam non bibendum tortor, a ultrices massa. Suspendisse ut mi a mi suscipit sagittis sit amet tristique magna. Duis egetas varius massa, eu ultrices sem convallis vitae. Sed ultrices iaculis lacus vitae viverra.

Upvote

Downvote

Comment

3 Comments

Antônio Almeida

2h ago

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Cras et nibh ac massa tristique semper. Phasellus eu orci quis erat rhoncus feugiat eget congue leo.

Upvote

Downvote

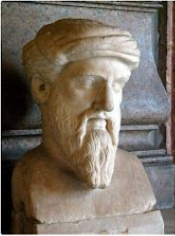
Report

Antônio Almeida

answered 23h ago

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Cras et nibh ac massa tristique semper. Phasellus eu orci quis erat rhoncus feugiat eget congue leo. Cras aliquam purus felis, sit amet accumsan purus dapibus ac. Praesent volutpat imperdiet mattis. Vestibulum ante ipsum primis in faucibus orci luctus et ultrices posuere cubilia Curae; Proin in ex eu arcu maximus efficitur. Etiam ac lectus eu ipsum sodales lobortis et sit amet magna. Ut venenatis purus non risus tempus malesuada.

Nullam nunc eros, pharetra eu felis sit amet, hendrerit pretium enim. Etiam malesuada leo tortor, in rutrum justo feugiat ac. Ut dapibus neque et ante semper, in pellentesque sapien consequat. Integer lacinia magna vitae felis ultrices dapibus. In semper semper sollicitudin. Pellentesque varius dictum odio, vel iaculis dolor efficitur vitae. Ut quam dui, dapibus sit amet ante varius, scelerisque aliquam metus. Suspendisse vitae lacus et eros sagittis blandit. Praesent accumsan justo nec odio sodales, in faucibus tellus egetas. Aliquam nec placerat metus, a imperdiet risus. Aliquam malesuada, nunc ac suscipit lobortis, velit ex interdum diam, id viverra ipsum nisl eu magna.



In tristique luctus enim, vitae porttitor augue rutrum ut. Mauris non gravida turpis, mollis porta augue. Pellentesque et ultrices leo. Proin cursus dapibus risus sed commodo. Etiam non bibendum tortor, a ultrices massa. Suspendisse ut mi a mi suscipit sagittis sit amet tristique magna. Duis egetas varius massa, eu ultrices sem convallis vitae. Sed ultrices iaculis lacus vitae viverra.

In tristique luctus enim, vitae porttitor augue rutrum ut. Mauris non gravida turpis, mollis porta augue. Pellentesque et ultrices leo. Proin cursus dapibus risus sed commodo. Etiam non bibendum tortor, a ultrices massa. Suspendisse ut mi a mi suscipit sagittis sit amet tristique magna. Duis egetas varius massa, eu ultrices sem convallis vitae. Sed ultrices iaculis lacus vitae viverra.

In tristique luctus enim, vitae porttitor augue rutrum ut. Mauris non gravida turpis, mollis porta augue. Pellentesque et ultrices leo. Proin cursus dapibus risus sed commodo. Etiam non bibendum tortor, a ultrices massa. Suspendisse ut mi a mi suscipit sagittis sit amet tristique magna. Duis egetas varius massa, eu ultrices sem convallis vitae. Sed ultrices iaculis lacus vitae viverra.

Upvote

Downvote

Comment

3 Comments

Antônio Almeida

2h ago

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Cras et nibh ac massa tristique semper. Phasellus eu orci quis erat rhoncus feugiat eget congue leo.

Upvote

Downvote

Report

Presto

© 2018 Presto

About

Presto

+ Add Question

Q

U

Profile

Where has Math been invented?

This is the question's description.

Education, Science

Answer

Comment

Close

Edit | Delete


2 Answers

Antônio Almeida

answered 23h ago

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Cras et nibh ac massa tristique semper. Phasellus eu orci quis erat rhoncus feugiat eget congue leo. Cras aliquam purus felis, sit amet accumsan purus dapibus ac. Praesent volutpat imperdiet mattis. Vestibulum ante ipsum primis in faucibus orci luctus et ultrices posuere cubilia Curae; Proin in ex eu arcu maximus efficitur. Etiam ac lectus eu ipsum sodales lobortis et sit amet magna. Ut venenatis purus non risus tempus malesuada.

Nullam nunc eros, pharetra eu felis sit amet, hendrerit pretium enim. Etiam malesuada leo tortor, in rutrum justo feugiat ac. Ut dapibus neque et ante semper, in pellentesque sapien consequat. Integer lacinia magna vitae felis ultrices dapibus. In semper semper sollicitudin. Pellentesque varius dictum odio, vel iaculis dolor efficitur vitae. Ut quam dui, dapibus sit amet ante varius, scelerisque aliquam metus. Suspendisse vitae lacus et eros sagittis blandit. Praesent accumsan justo nec odio sodales, in faucibus tellus egetas. Aliquam nec placerat metus, a imperdiet risus. Aliquam malesuada, nunc ac suscipit lobortis, velit ex interdum diam, id viverra ipsum nisl eu magna.



In tristique luctus enim, vitae porttitor augue rutrum ut. Mauris non gravida turpis, mollis porta augue. Pellentesque et ultrices leo. Proin cursus dapibus risus sed commodo. Etiam non bibendum tortor, a ultrices massa. Suspendisse ut mi a mi suscipit sagittis sit amet tristique magna. Duis egetas varius massa, eu ultrices sem convallis vitae. Sed ultrices iaculis lacus vitae viverra.

In tristique luctus enim, vitae porttitor augue rutrum ut. Mauris non gravida turpis, mollis porta augue. Pellentesque et ultrices leo. Proin cursus dapibus risus sed commodo. Etiam non bibendum tortor, a ultrices massa. Suspendisse ut mi a mi suscipit sagittis sit amet tristique magna. Duis egetas varius massa, eu ultrices sem convallis vitae. Sed ultrices iaculis lacus vitae viverra.

In tristique luctus enim, vitae porttitor augue rutrum ut. Mauris non gravida turpis, mollis porta augue. Pellentesque et ultrices leo. Proin cursus dapibus risus sed commodo. Etiam non bibendum tortor, a ultrices massa. Suspendisse ut mi a mi suscipit sagittis sit amet tristique magna. Duis egetas varius massa, eu ultrices sem convallis vitae. Sed ultrices iaculis lacus vitae viverra.

Upvote

Downvote

Comment

3 Comments

Antônio Almeida

2h ago

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Cras et nibh ac massa tristique semper. Phasellus eu orci quis erat rhoncus feugiat eget congue leo.

Upvote

Downvote


Report

Antônio Almeida

answered 23h ago

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Cras et nibh ac massa tristique semper. Phasellus eu orci quis erat rhoncus feugiat eget congue leo. Cras aliquam purus felis, sit amet accumsan purus dapibus ac. Praesent volutpat imperdiet mattis. Vestibulum ante ipsum primis in faucibus orci luctus et ultrices posuere cubilia Curae; Proin in ex eu arcu maximus efficitur. Etiam ac lectus eu ipsum sodales lobortis et sit amet magna. Ut venenatis purus non risus tempus malesuada.

Nullam nunc eros, pharetra eu felis sit amet, hendrerit pretium enim. Etiam malesuada leo tortor, in rutrum justo feugiat ac. Ut dapibus neque et ante semper, in pellentesque sapien consequat. Integer lacinia magna vitae felis ultrices dapibus. In semper semper sollicitudin. Pellentesque varius dictum odio, vel iaculis dolor efficitur vitae. Ut quam dui, dapibus sit amet ante varius, scelerisque aliquam metus. Suspendisse vitae lacus et eros sagittis blandit. Praesent accumsan justo nec odio sodales, in faucibus tellus egetas. Aliquam nec placerat metus, a imperdiet risus. Aliquam malesuada, nunc ac suscipit lobortis, velit ex interdum diam, id viverra ipsum nisl eu magna.



In tristique luctus enim, vitae porttitor augue rutrum ut. Mauris non gravida turpis, mollis porta augue. Pellentesque et ultrices leo. Proin cursus dapibus risus sed commodo. Etiam non bibendum tortor, a ultrices massa. Suspendisse ut mi a mi suscipit sagittis sit amet tristique magna. Duis egetas varius massa, eu ultrices sem convallis vitae. Sed ultrices iaculis lacus vitae viverra.

In tristique luctus enim, vitae porttitor augue rutrum ut. Mauris non gravida turpis, mollis porta augue. Pellentesque et ultrices leo. Proin cursus dapibus risus sed commodo. Etiam non bibendum tortor, a ultrices massa. Suspendisse ut mi a mi suscipit sagittis sit amet tristique magna. Duis egetas varius massa, eu ultrices sem convallis vitae. Sed ultrices iaculis lacus vitae viverra.

In tristique luctus enim, vitae porttitor augue rutrum ut. Mauris non gravida turpis, mollis porta augue. Pellentesque et ultrices leo. Proin cursus dapibus risus sed commodo. Etiam non bibendum tortor, a ultrices massa. Suspendisse ut mi a mi suscipit sagittis sit amet tristique magna. Duis egetas varius massa, eu ultrices sem convallis vitae. Sed ultrices iaculis lacus vitae viverra.

Upvote

Downvote

Comment

3 Comments

Antônio Almeida

2h ago

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Cras et nibh ac massa tristique semper. Phasellus eu orci quis erat rhoncus feugiat eget congue leo.

Upvote

Downvote

Report

Presto

© 2018 Presto

About

Figure 20: Question page, where anything can be asked (and answered). Link: [Question](#)

UI14: Search

The image displays two screenshots of the Presto search interface. The left screenshot shows the full search results page for 'Maths'. The page has a header with the Presto logo, a '+ Add Question' button, and search, notification, and profile icons. On the left, there are filters for Type (All Types, Questions, Answers, Topics, Users), Author (Find People), and Time (All Time, Past Day, Past Week, Past Month, Past Year). The main content area shows 'Results for Maths' with tabs for Newest, Oldest, and Rating. A list of search results is displayed, including questions like 'How is Maths taught?' and 'Where has Math been invented?' with details about the asker, answerer, and content. The right screenshot shows a zoomed-in view of the search results for 'Maths', highlighting the 'Newest' tab and the first few results, including a question about 'How is Maths taught?' and 'Where has Math been invented?'.

Presto + Add Question 🔍 🔔 👤

Results for Maths Filter

Newest Oldest Rating

How is Maths taught? João Damas asked
Science, Education

Where has Math been invented? António Almeida answered 23h ago
The history of mathematics can be seen as an ever-increasing series of abstractions. The first abstraction, which is shared by many animals, was probably the realization that a collection of two apples and a collection of two oranges (for example) have something in common, namely quantity of their members. [\(read more\)](#)
Science, Education

How is Maths taught? João Damas asked
Science, Education

How is Maths taught? João Damas asked
Science, Education

Where has Math been invented? António Almeida answered 23h ago
The history of mathematics can be seen as an ever-increasing series of abstractions. The first abstraction, which is shared by many animals, was probably that of numbers... [\(read more\)](#)
Science, Education

How is Maths taught? João Damas asked
Science, Education

How is Maths taught? João Damas asked
Science, Education

Presto
© 2018 Presto
[About](#)

Figure 21: Search, where users can look up anything in the system. Link: [Search](#)

UI15: Solved Question

Presto

4 Add Question

Solved

Where has Math been invented?

This is the question's description.

Education, Science

Upvote

Download

Comment

Report

2 Answers

Top Answer

Antônio Almeida

answered 23h ago


Edit | Delete

I believe @cyrillos could provide a more detailed explanation, but I'll give it a go.

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Cras et nulla ac massa tristique semper. Phasellus eu orci quis erat rhoncus feugiat eget congue leo. Cras aliquam purus felis, sit amet accumsan purus dapibus ac. Praesent volutpat imperdiet mattis. Vestibulum ante ipsum primis in faucibus orci luctus et ultrices posuere cubilia Curae. Proin in eu eros maximus efficitur. Etiam ac lectus eu ipsum sodales lobortis et sit amet magna. Ut venenatis purus non risus tempor malesuada.

Nullam nunc eros, pharetra ex felis sit amet, hendrerit portum enim. Etiam malesuada leo tortor, in rutrum justo feugiat ac. Ut dapibus neque et ante semper, in pellentesque sapien consequat. Integer lacinia magna vitae felis ultrices dapibus. In semper semper sollicitudin. Pellentesque varius dictum odio, vel iaculis dolor efficitur vitae. Ut quam dui, dapibus sit amet ante varius, scelerisque aliquam metus. Suspendisse vitae laus ut eros sagittis blandit. Praesent accumsan justo nec odio sodales, in finibus tellus egestas.

Aliquam nec placerat metus, e imperdiet risus. Aliquam malesuada, nunc ac suscipit bibendum, vel et interdum diam, id viverra ipsum nisl eu magna.



In tristique luctus enim, vitae portitor augue rutrum ut. Mauris non gravida turpis, mollis porta augue. Pellentesque et ultrices leo. Proin cursus dapibus risus sed commodo. Etiam non bibendum tortor, a ultrices massa. Suspendisse ut mi a mi suscipit sagittis sit amet tristique magna. Duis egestas varius massa, eu ultrices sem convallis vitae. Sed ultrices iaculis laus vitae viverra.

In tristique luctus enim, vitae portitor augue rutrum ut. Mauris non gravida turpis, mollis porta augue. Pellentesque et ultrices leo. Proin cursus dapibus risus sed commodo. Etiam non bibendum tortor, a ultrices massa. Suspendisse ut mi a mi suscipit sagittis sit amet tristique magna. Duis egestas varius massa, eu ultrices sem convallis vitae. Sed ultrices iaculis laus vitae viverra.

In tristique luctus enim, vitae portitor augue rutrum ut. Mauris non gravida turpis, mollis porta augue. Pellentesque et ultrices leo. Proin cursus dapibus risus sed commodo. Etiam non bibendum tortor, a ultrices massa. Suspendisse ut mi a mi suscipit sagittis sit amet tristique magna. Duis egestas varius massa, eu ultrices sem convallis vitae. Sed ultrices iaculis laus vitae viverra.

3 Comments

Antônio Almeida

2h ago

Edit | Delete

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Cras et nulla ac massa tristique semper. Phasellus eu orci quis erat rhoncus feugiat eget congue leo.

Upvote

Download

Comment

Report

View More

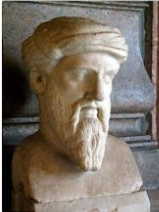
Antônio Almeida

answered 23h ago

Edit | Delete

>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Cras et nulla ac massa tristique semper. Phasellus eu orci quis erat rhoncus feugiat eget congue leo. Cras aliquam purus felis, sit amet accumsan purus dapibus ac. Praesent volutpat imperdiet mattis. Vestibulum ante ipsum primis in faucibus orci luctus et ultrices posuere cubilia Curae. Proin in eu eros maximus efficitur. Etiam ac lectus eu ipsum sodales lobortis et sit amet magna. Ut venenatis purus non risus tempor malesuada.

Nullam nunc eros, pharetra ex felis sit amet, hendrerit portum enim. Etiam malesuada leo tortor, in rutrum justo feugiat ac. Ut dapibus neque et ante semper, in pellentesque sapien consequat. Integer lacinia magna vitae felis ultrices dapibus. In semper semper sollicitudin. Pellentesque varius dictum odio, vel iaculis dolor efficitur vitae. Ut quam dui, dapibus sit amet ante varius, scelerisque aliquam metus. Suspendisse vitae laus ut eros sagittis blandit. Praesent accumsan justo nec odio sodales, in finibus tellus egestas. Aliquam nec placerat metus, e imperdiet risus. Aliquam malesuada, nunc ac suscipit bibendum, vel et interdum diam, id viverra ipsum nisl eu magna.



In tristique luctus enim, vitae portitor augue rutrum ut. Mauris non gravida turpis, mollis porta augue. Pellentesque et ultrices leo. Proin cursus dapibus risus sed commodo. Etiam non bibendum tortor, a ultrices massa. Suspendisse ut mi a mi suscipit sagittis sit amet tristique magna. Duis egestas varius massa, eu ultrices sem convallis vitae. Sed ultrices iaculis laus vitae viverra.

In tristique luctus enim, vitae portitor augue rutrum ut. Mauris non gravida turpis, mollis porta augue. Pellentesque et ultrices leo. Proin cursus dapibus risus sed commodo. Etiam non bibendum tortor, a ultrices massa. Suspendisse ut mi a mi suscipit sagittis sit amet tristique magna. Duis egestas varius massa, eu ultrices sem convallis vitae. Sed ultrices iaculis laus vitae viverra.

In tristique luctus enim, vitae portitor augue rutrum ut. Mauris non gravida turpis, mollis porta augue. Pellentesque et ultrices leo. Proin cursus dapibus risus sed commodo. Etiam non bibendum tortor, a ultrices massa. Suspendisse ut mi a mi suscipit sagittis sit amet tristique magna. Duis egestas varius massa, eu ultrices sem convallis vitae. Sed ultrices iaculis laus vitae viverra.

3 Comments

Antônio Almeida

2h ago

Edit | Delete

>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Cras et nulla ac massa tristique semper. Phasellus eu orci quis erat rhoncus feugiat eget congue leo.

Upvote

Download

Comment

Report

View More

Presto

© 2018 Presto

About

Presto

4 Add Question

Solved

Where has Math been invented?

This is the question's description.

Education, Science

Upvote

Download

Comment

Report

2 Answers

Top Answer

Antônio Almeida

answered 23h ago


Edit | Delete

I believe @cyrillos could provide a more detailed explanation, but I'll give it a go.

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Cras et nulla ac massa tristique semper. Phasellus eu orci quis erat rhoncus feugiat eget congue leo. Cras aliquam purus felis, sit amet accumsan purus dapibus ac. Praesent volutpat imperdiet mattis. Vestibulum ante ipsum primis in faucibus orci luctus et ultrices posuere cubilia Curae. Proin in eu eros maximus efficitur. Etiam ac lectus eu ipsum sodales lobortis et sit amet magna. Ut venenatis purus non risus tempor malesuada.

Nullam nunc eros, pharetra ex felis sit amet, hendrerit portum enim. Etiam malesuada leo tortor, in rutrum justo feugiat ac. Ut dapibus neque et ante semper, in pellentesque sapien consequat. Integer lacinia magna vitae felis ultrices dapibus. In semper semper sollicitudin. Pellentesque varius dictum odio, vel iaculis dolor efficitur vitae. Ut quam dui, dapibus sit amet ante varius, scelerisque aliquam metus. Suspendisse vitae laus ut eros sagittis blandit. Praesent accumsan justo nec odio sodales, in finibus tellus egestas.

Aliquam nec placerat metus, e imperdiet risus. Aliquam malesuada, nunc ac suscipit bibendum, vel et interdum diam, id viverra ipsum nisl eu magna.



In tristique luctus enim, vitae portitor augue rutrum ut. Mauris non gravida turpis, mollis porta augue. Pellentesque et ultrices leo. Proin cursus dapibus risus sed commodo. Etiam non bibendum tortor, a ultrices massa. Suspendisse ut mi a mi suscipit sagittis sit amet tristique magna. Duis egestas varius massa, eu ultrices sem convallis vitae. Sed ultrices iaculis laus vitae viverra.

In tristique luctus enim, vitae portitor augue rutrum ut. Mauris non gravida turpis, mollis porta augue. Pellentesque et ultrices leo. Proin cursus dapibus risus sed commodo. Etiam non bibendum tortor, a ultrices massa. Suspendisse ut mi a mi suscipit sagittis sit amet tristique magna. Duis egestas varius massa, eu ultrices sem convallis vitae. Sed ultrices iaculis laus vitae viverra.

In tristique luctus enim, vitae portitor augue rutrum ut. Mauris non gravida turpis, mollis porta augue. Pellentesque et ultrices leo. Proin cursus dapibus risus sed commodo. Etiam non bibendum tortor, a ultrices massa. Suspendisse ut mi a mi suscipit sagittis sit amet tristique magna. Duis egestas varius massa, eu ultrices sem convallis vitae. Sed ultrices iaculis laus vitae viverra.

3 Comments

Antônio Almeida

2h ago

Edit | Delete

>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Cras et nulla ac massa tristique semper. Phasellus eu orci quis erat rhoncus feugiat eget congue leo.

Upvote

Download

Comment

Report

View More


Antônio Almeida

answered 23h ago

Edit | Delete

>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Cras et nulla ac massa tristique semper. Phasellus eu orci quis erat rhoncus feugiat eget congue leo. Cras aliquam purus felis, sit amet accumsan purus dapibus ac. Praesent volutpat imperdiet mattis. Vestibulum ante ipsum primis in faucibus orci luctus et ultrices posuere cubilia Curae. Proin in eu eros maximus efficitur. Etiam ac lectus eu ipsum sodales lobortis et sit amet magna. Ut venenatis purus non risus tempor malesuada.

Nullam nunc eros, pharetra ex felis sit amet, hendrerit portum enim. Etiam malesuada leo tortor, in rutrum justo feugiat ac. Ut dapibus neque et ante semper, in pellentesque sapien consequat. Integer lacinia magna vitae felis ultrices dapibus. In semper semper sollicitudin. Pellentesque varius dictum odio, vel iaculis dolor efficitur vitae. Ut quam dui, dapibus sit amet ante varius, scelerisque aliquam metus. Suspendisse vitae laus ut eros sagittis blandit. Praesent accumsan justo nec odio sodales, in finibus tellus egestas. Aliquam nec placerat metus, e imperdiet risus. Aliquam malesuada, nunc ac suscipit bibendum, vel et interdum diam, id viverra ipsum nisl eu magna.



In tristique luctus enim, vitae portitor augue rutrum ut. Mauris non gravida turpis, mollis porta augue. Pellentesque et ultrices leo. Proin cursus dapibus risus sed commodo. Etiam non bibendum tortor, a ultrices massa. Suspendisse ut mi a mi suscipit sagittis sit amet tristique magna. Duis egestas varius massa, eu ultrices sem convallis vitae. Sed ultrices iaculis laus vitae viverra.

In tristique luctus enim, vitae portitor augue rutrum ut. Mauris non gravida turpis, mollis porta augue. Pellentesque et ultrices leo. Proin cursus dapibus risus sed commodo. Etiam non bibendum tortor, a ultrices massa. Suspendisse ut mi a mi suscipit sagittis sit amet tristique magna. Duis egestas varius massa, eu ultrices sem convallis vitae. Sed ultrices iaculis laus vitae viverra.

In tristique luctus enim, vitae portitor augue rutrum ut. Mauris non gravida turpis, mollis porta augue. Pellentesque et ultrices leo. Proin cursus dapibus risus sed commodo. Etiam non bibendum tortor, a ultrices massa. Suspendisse ut mi a mi suscipit sagittis sit amet tristique magna. Duis egestas varius massa, eu ultrices sem convallis vitae. Sed ultrices iaculis laus vitae viverra.

3 Comments

Antônio Almeida

2h ago

Edit | Delete

>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Cras et nulla ac massa tristique semper. Phasellus eu orci quis erat rhoncus feugiat eget congue leo.

Upvote

Download

Comment

Report

View More

Presto

© 2018 Presto

About

UI16: Answer

Presto

+ Add Question

Where has Math been invented?

This is the question's description.

Education, Science

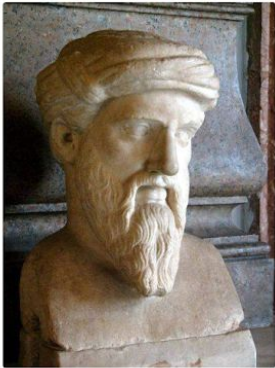
António Almeida

answered 23h ago

Follow

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Cras et nibh ac massa tristique semper. Phasellus eu orci quis erat rhoncus feugiat eget congue leo. Cras aliquam purus felis, sit amet accumsan purus dapibus ac. Praesent volutpat imperdiet mattis. Vestibulum ante ipsum primis in faucibus orci luctus et ultrices posuere cubilia Curae; Proin in ex eu arcu maximus efficitur. Etiam ac lectus eu ipsum sodales lobortis et sit amet magna. Ut venenatis purus non risus tempor malesuada.

Nullam nunc eros, pharetra eu felis sit amet, hendrerit pretium enim. Etiam malesuada leo tortor, in rutrum justo feugiat ac. Ut dapibus neque et ante semper, in pellentesque sapien consequat. Integer lacinia magna vitae felis ultricies dapibus. In semper semper sollicitudin. Pellentesque varius dictum odio, vel iaculis dolor efficitur vitae. Ut quam dui, dapibus sit amet ante varius, scelerisque aliquam metus. Suspendisse vitae lacus ut eros sagittis blandit. Praesent accumsan justo nec odio sodales, in finibus tellus egestas. Aliquam nec placerat metus, a imperdiet risus. Aliquam malesuada, nunc ac suscipit bibendum, velit ex interdum diam, id viverra ipsum nisl eu magna.



In tristique luctus enim, vitae porttitor augue rutrum ut. Mauris non gravida turpis, mollis porta augue. Pellentesque et ultrices leo. Proin cursus dapibus risus sed commodo. Etiam non bibendum tortor, a ultrices massa. Suspendisse ut mi a mi suscipit sagittis sit amet tristique magna. Duis egestas varius massa, eu ultrices sem convallis vitae. Sed ultrices iaculis lacus vitae viverra.

In tristique luctus enim, vitae porttitor augue rutrum ut. Mauris non gravida turpis, mollis porta augue. Pellentesque et ultrices leo. Proin cursus dapibus risus sed commodo. Etiam non bibendum tortor, a ultrices massa. Suspendisse ut mi a mi suscipit sagittis sit amet tristique magna. Duis egestas varius massa, eu ultrices sem convallis vitae. Sed ultrices iaculis lacus vitae viverra.

Upvote

Downvote

Comment

3 Comments

António Almeida

5h ago

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Cras et nibh ac massa tristique semper. Phasellus eu orci quis erat rhoncus feugiat eget congue leo.

Upvote

Downvote

Report

View More

More answers by António Almeida

What is Maths?

This is a longer card with supporting text below as a natural lead-in to additional content. This content is a little bit longer.

6.4k views

How big is the universe?

This card has supporting text below as a natural lead-in to additional content.

6.4k views

How big is the universe?

This is a wider card with supporting text below as a natural lead-in to additional content. This card has even longer content than the first to show that equal height action.

6.4k views

Presto

© 2018 Presto

About

Presto

Where has Math been invented?

This is the question's description.

Education, Science

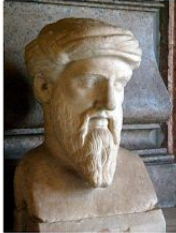
António Almeida

answered 23h ago

Follow

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Cras et nibh ac massa tristique semper. Phasellus eu orci quis erat rhoncus feugiat eget congue leo. Cras aliquam purus felis, sit amet accumsan purus dapibus ac. Praesent volutpat imperdiet mattis. Vestibulum ante ipsum primis in faucibus orci luctus et ultrices posuere cubilia Curae; Proin in ex eu arcu maximus efficitur. Etiam ac lectus eu ipsum sodales lobortis et sit amet magna. Ut venenatis purus non risus tempor malesuada.

Nullam nunc eros, pharetra eu felis sit amet, hendrerit pretium enim. Etiam malesuada leo tortor, in rutrum justo feugiat ac. Ut dapibus neque et ante semper, in pellentesque sapien consequat. Integer lacinia magna vitae felis ultricies dapibus. In semper semper sollicitudin. Pellentesque varius dictum odio, vel iaculis dolor efficitur vitae. Ut quam dui, dapibus sit amet ante varius, scelerisque aliquam metus. Suspendisse vitae lacus ut eros sagittis blandit. Praesent accumsan justo nec odio sodales, in finibus tellus egestas. Aliquam nec placerat metus, a imperdiet risus. Aliquam malesuada, nunc ac suscipit bibendum, velit ex interdum diam, id viverra ipsum nisl eu magna.



In tristique luctus enim, vitae porttitor augue rutrum ut. Mauris non gravida turpis, mollis porta augue. Pellentesque et ultrices leo. Proin cursus dapibus risus sed commodo. Etiam non bibendum tortor, a ultrices massa. Suspendisse ut mi a mi suscipit sagittis sit amet tristique magna. Duis egestas varius massa, eu ultrices sem convallis vitae. Sed ultrices iaculis lacus vitae viverra.

In tristique luctus enim, vitae porttitor augue rutrum ut. Mauris non gravida turpis, mollis porta augue. Pellentesque et ultrices leo. Proin cursus dapibus risus sed commodo. Etiam non bibendum tortor, a ultrices massa. Suspendisse ut mi a mi suscipit sagittis sit amet tristique magna. Duis egestas varius massa, eu ultrices sem convallis vitae. Sed ultrices iaculis lacus vitae viverra.

Upvote

Downvote

Comment

3 Comments

António Almeida

5h ago

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Cras et nibh ac massa tristique semper. Phasellus eu orci quis erat rhoncus feugiat eget congue leo.

Upvote

Downvote

Report

View More

More answers by António Almeida

What is Maths?

This is a longer card with supporting text below as a natural lead-in to additional content. This content is a little bit longer.

6.4k views

How big is the universe?

This card has supporting text below as a natural lead-in to additional content.

6.4k views

How big is the universe?

This is a wider card with supporting text below as a natural lead-in to additional content. This card has even longer content than the first to show that equal height action.

6.4k views

Presto




© 2018 Presto


About

Figure 23: Answer page, where a specific answer to a question can be seen. Link: [Answer](#)

UI17: Topic

Presto

[+ Add Question](#)   






History

632k followers

The study of the past as it is described in written documents.

[Follow](#)

Stats


-  1.2M answer views
-  456 questions
-  845 answers

Related Topics


- French History
- Prehistory
- Science
- Napoleon

Newest Oldest Rating


When did the French revolution begin?

 History, Education


In what year was Brazil discovered?


 History, Education

Who fought in the Hundred Years' War?

 Antônio Almeida
answered 23h ago

The Hundred Years' War was a series of conflicts waged from 1337 to 1453 by the House of Plantagenet, rulers of the Kingdom of England, against the House of Valois, rulers of the Kingdom of France, over the succession to the French throne. Each side drew many allies into the war. It was one of the most notable conflicts of the Middle Ages, in which five generations of kings from two rival dynasties fought for the throne of the largest kingdom in Western Europe. The war marked both the height of chivalry and its subsequent decline, and the development of strong national identities in both countries. [\(read more\)](#)

 History, Education






History

632k followers

The study of the past as it is described in written documents.


[Follow](#)

Stats


-  1.2M answer views
-  456 questions
-  845 answers

Newest Oldest Rating


When did the French revolution begin?

 History, Education


In what year was Brazil discovered?


 History, Education

Who fought in the Hundred Years' War?

 Antônio Almeida
answered 23h ago

The Hundred Years' War was a series of conflicts waged from 1337 to 1453 by the House of Plantagenet, rulers of the Kingdom of England, against the House of Valois, rulers of the Kingdom of France, over the succession to the French throne. Each side drew many allies into the war. It was one of the most notable conflicts of the Middle Ages, in which five generations of kings from two rival dynasties fought for the throne of the largest kingdom in Western Europe. The war marked both the height of chivalry and its subsequent decline, and the development of strong national identities in both countries. [\(read more\)](#)

 History, Education



Presto

© 2018 Presto

[About](#)

Figure 24: Topic page, where a specific category's history can be seen in detail. Link: [Topic](#)

UI18: Error 404

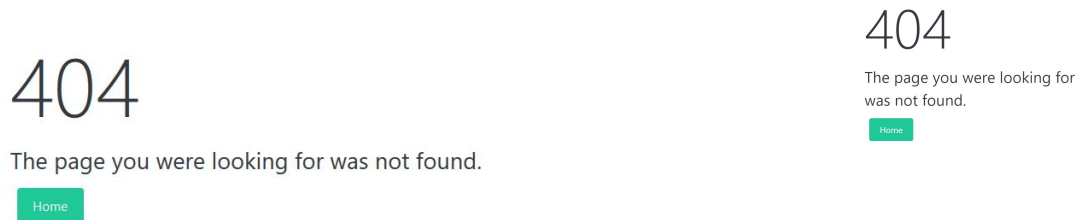


Figure 25: 404, the error page. Link: [404](#)

Revision History

Changes made to the first submission:

1. Updated second paragraph on Point 1.
2. Significantly improved sitemap.
3. Applied suggested changes to the interface:
 - Simplified typography hierarchy on answer cards - only applied on index page;
 - Switched form positions on Sign Up and Login pages to improve the pages' visual flow and clarify content priority;
 - Replaced 'close question' concept with 'solve question';
 - Made search bar always visible from medium screen and upwards to improve user experience;
 - Changed 'View More' button on comment sections to the bottom of the card, to improve user experience;

GROUP1725, 13/03/2018

António Cunha Seco Fernandes de Almeida, up201505836@fe.up.pt

Bruno Manuel Nascimento Costa Galvinas Piedade, up201505668@fe.up.pt

Diogo Luis Rey Torres, up201506428@fe.up.pt

João Paulo Madureira Damas, up201504088@fe.up.pt