

Refugeap Presentation

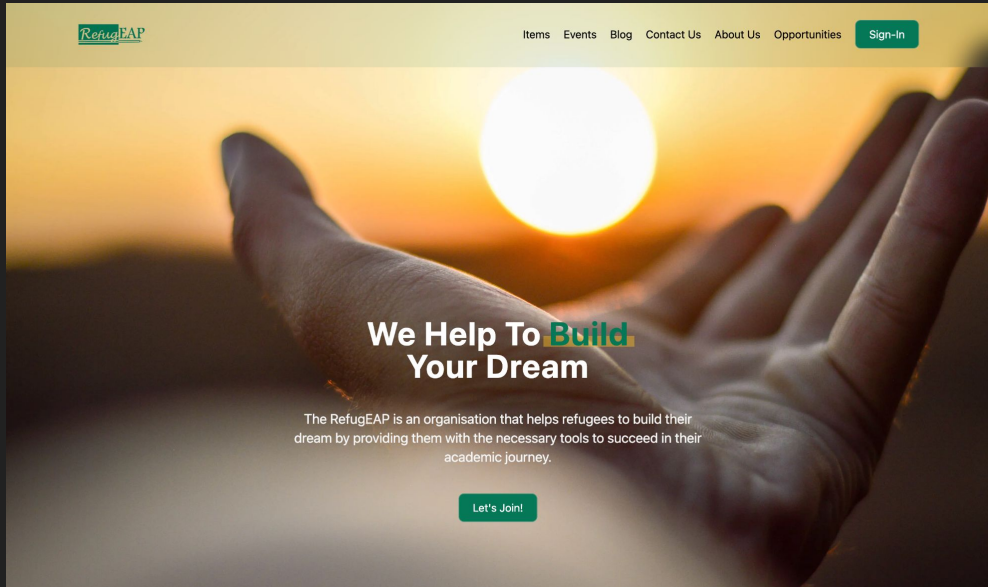
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Group 3 Presentation

RefugEAP Project Website

What is the Aim of the Project?

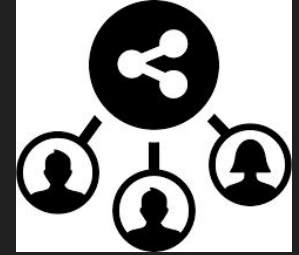


The 4 core purposes of the RefugEAP Network Website

1. connect and support individuals and institutions from across the UK HE sector who are keen to take the English for Academic Purposes work forward.



2. Gather and share examples of successful sanctuary initiatives that facilitate access to EAP.



3. Advocate for greater access to English for Academic programmes in UK universities



4. Create new sector-wide systems, where necessary, to optimise communication flow between all stakeholders



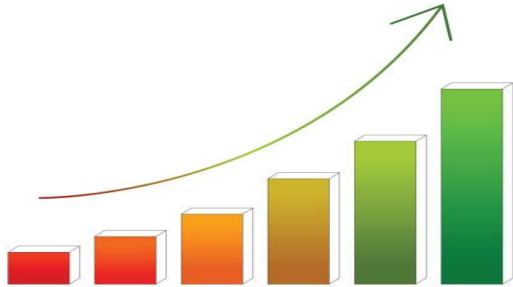
Group Communication and Effectiveness



How We Communicated

- Scrum methodology
- Daily stand-up meetings
- Online communication tools (instant messaging, video conferencing)

Group Communication and Effectiveness



What Went Well

- Scrum framework adoption
- Task assignment based on strengths
- Effective daily stand-up meetings
- Use of online communication tools

Group Communication and Effectiveness



What We Can Improve On

- Structured agendas for meetings
- Encourage equal participation
- Refine use of online communication tools

Project Architecture

The tech stack we used for building the project:

- We used React for our front end

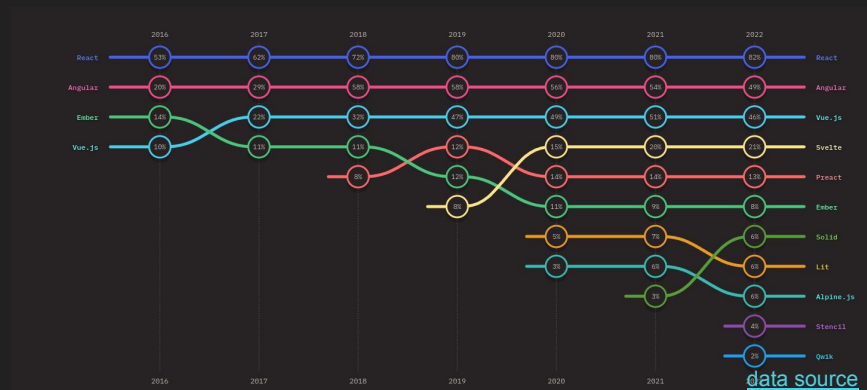
Reason we choose React

- It is the most used front end library in the industry
- Lot of resources online
- Easy to use

Positive/Negative



Popularity



Project Architecture

The tech stack we used for building the project:

- We used React for our front end
- We used Nextjs as our fullstack framework

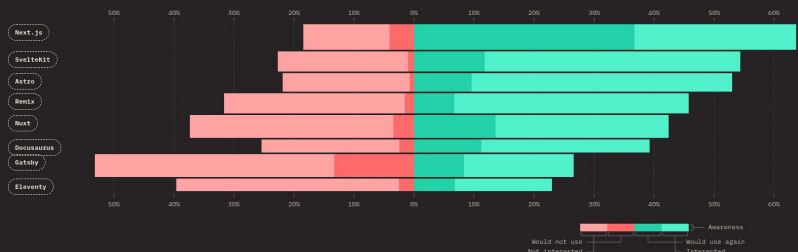
Reason we choose Nextjs

- Better SEO
- Caching and Automatic Static Optimization built-in
- Lambda function support (API routes)

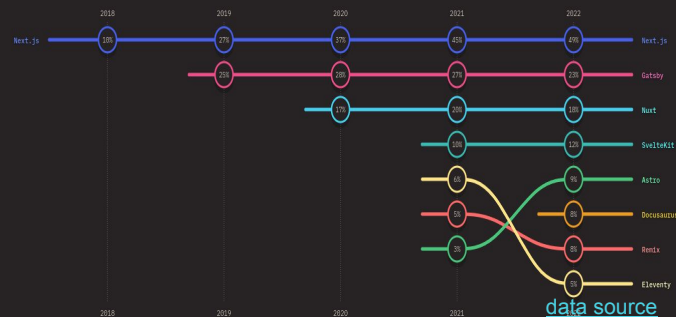
Positive/Negative

POSITIVE/NEGATIVE SPLIT

This chart splits positive ("want to learn", "would use again") vs negative ("not interested", "would not use again") experiences on both sides of a central axis. Bar thickness represents the number of respondents aware of a technology.



Popularity



Project Architecture

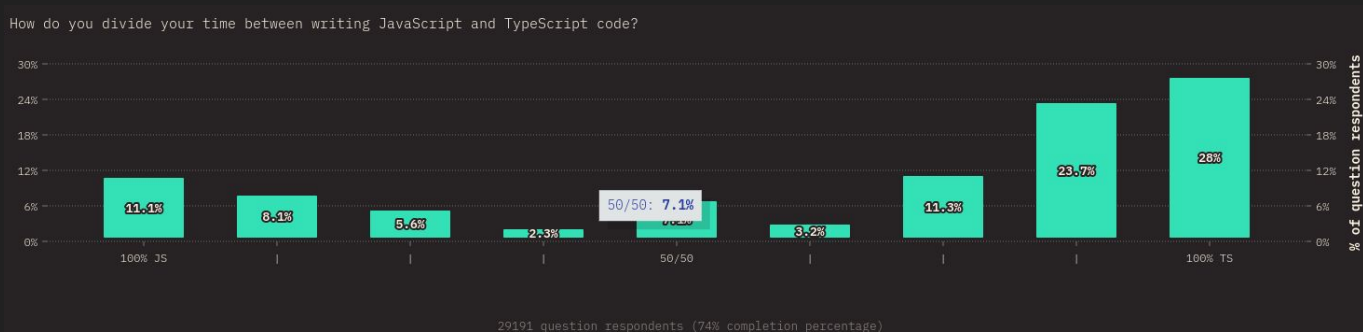
The tech stack we used for building the project:

- We used React for our front end
- We used Nextjs as our fullstack framework
- We used TypeScript as our programming language

Reason we choose Typescript

- Is strongly-typed and a superset of JavaScript.
- Better code completion, type checking, and editor support
- Very useful to use one programming language for both are front end and back end

Popularity



Project Architecture

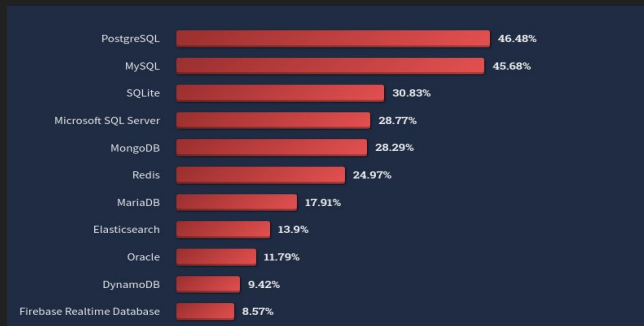
The tech stack we used for building the project:

- We used React for our front end
- We used Nextjs as our fullstack framework
- We used typescript as our programming language
- We used postgres for our database

Reason we choose Postgres

- Most used database by enterprises
- Really good documentation with typescript integration

Popularity



Project Architecture

The infrastructure we used

- We used Vercel to deploy our front end and back end
- We used AWS RDS to deploy our postgres databases
- We used AWS S3 to store our images

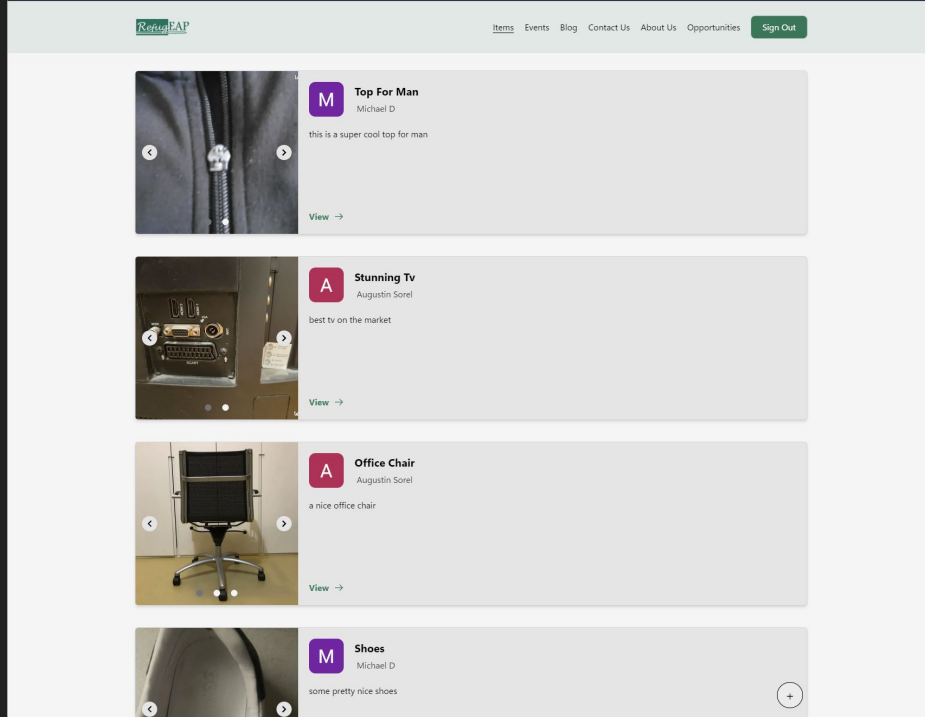
Reason we choose AWS and Vercel

- Vercel is the easiest way to deploy a Nextjs application as well as being free
- AWS has a very good documentation
- AWS has a lot of example and tutorials online

Popularity



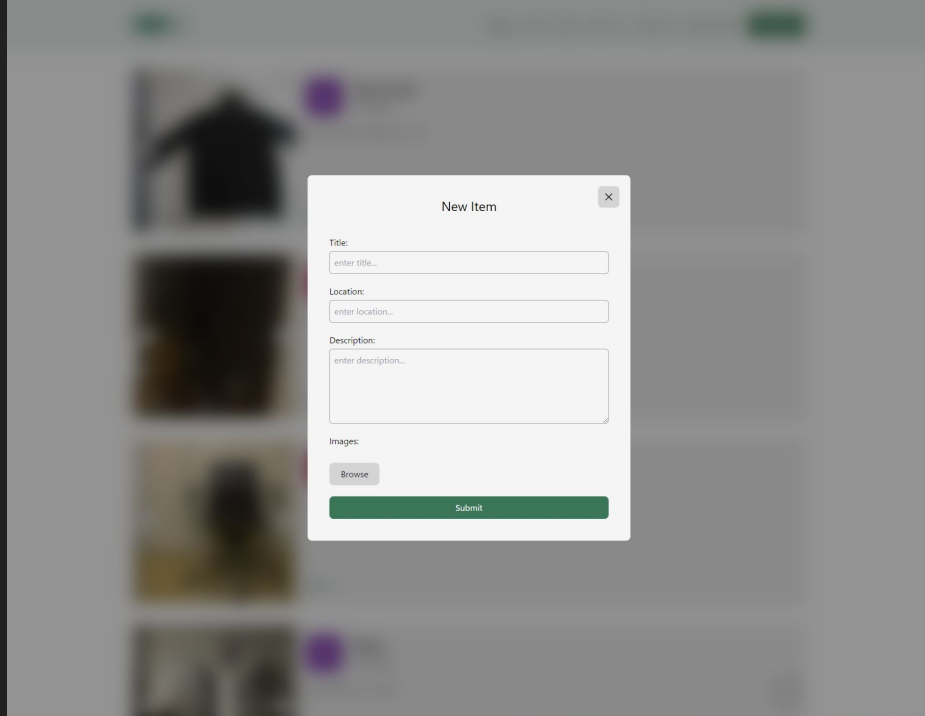
A demonstration of key or interesting features (Items Page)



Here's the main section of the Items page. This shows an overall view of all the items listed.

Here the user will be able to see the name of the product, pictures of said product, have the ability to view further information about them and as well add a new listing.

A demonstration of key or interesting features (Items Page)



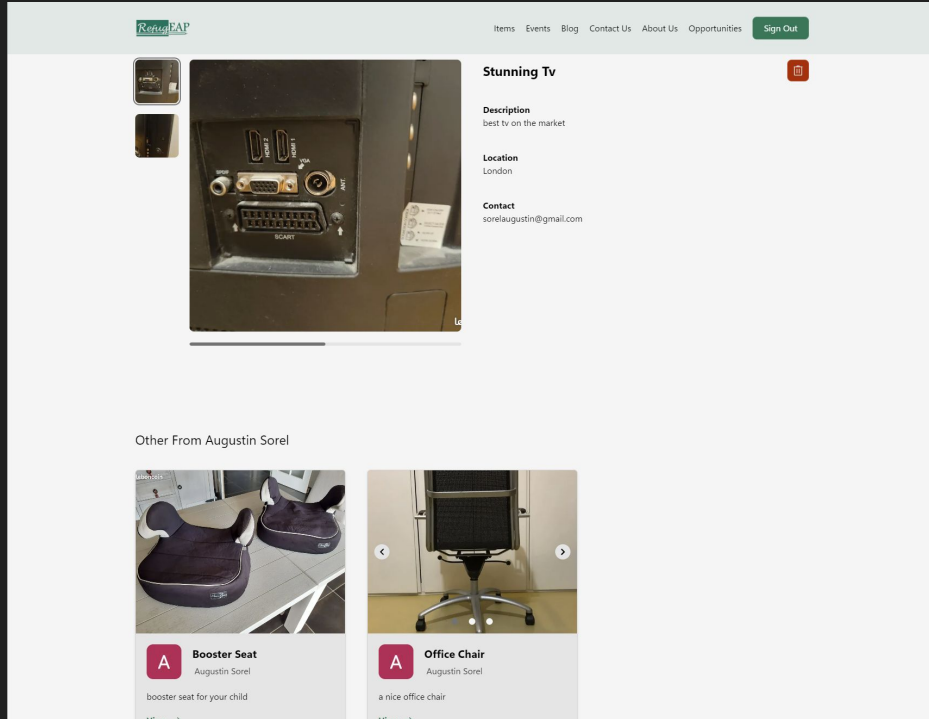
The image shows a 'New Item' form overlay on a blurred background of an items page. The form is titled 'New Item' and has a close button (X) in the top right corner. It contains the following fields and buttons:

- Title:** A text input field with placeholder text 'enter title...'.
- Location:** A text input field with placeholder text 'enter location...'.
- Description:** A larger text input field with placeholder text 'enter description...'.
- Images:** A section with a 'Browse' button.
- Submit:** A green button at the bottom of the form.

When you click on the add button on the button right part of the screen you are greeted with this pop up.

Here you are able to name your listing, give the location, add a description and images that are needed to show what the item is.

A demonstration of key or interesting features (Items Page)

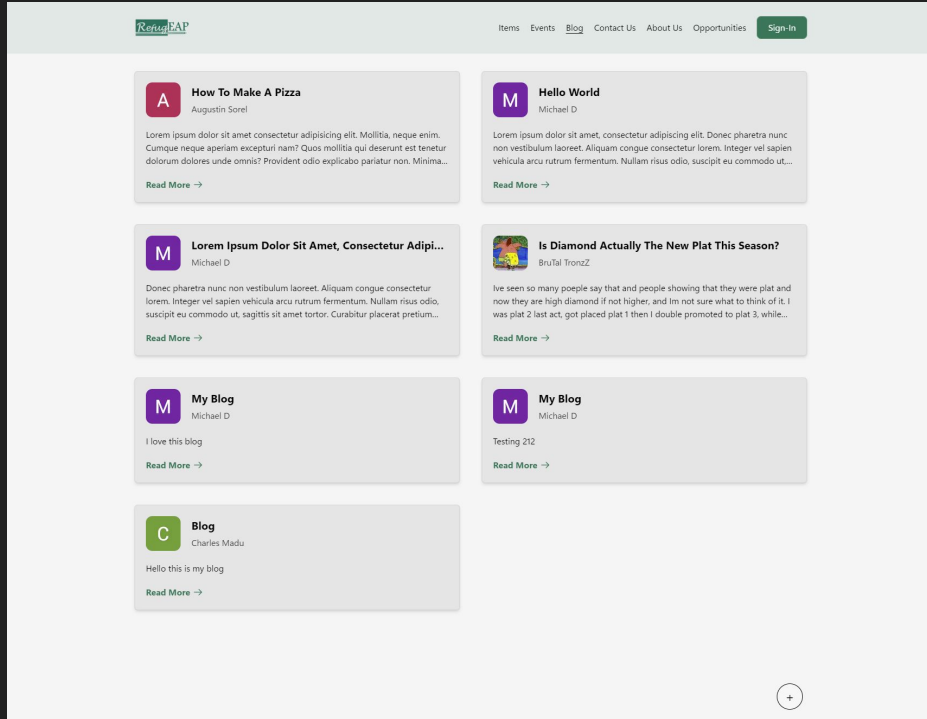


Once you have selected a specific item you will be greeted by this page.

Here you will find further information such as Location of the item and contact details. If you are the original poster or an admin, you can also delete the listing with the button located on the top right.

As well you can see other items that have been listed by the same user.

A demonstration of key or interesting features (Blogs Page)

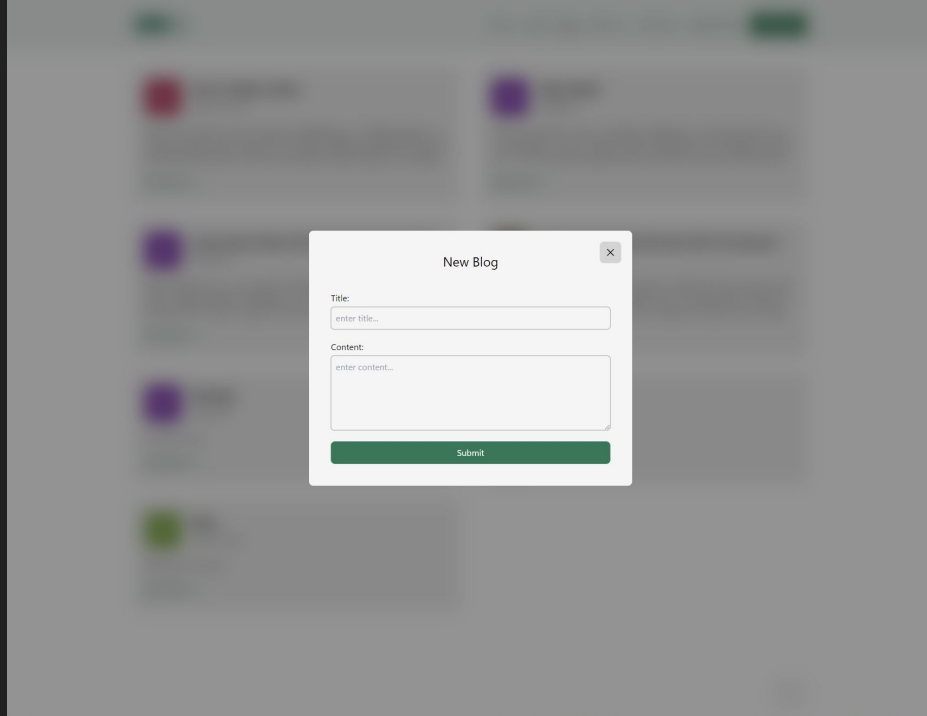


This is the main page for blogs.

Here you will see all of the blogs that have been posted. You can click on them for the full blog.

As well you can create your own blog by using the add button on the bottom right

A demonstration of key or interesting features (Blogs Page)

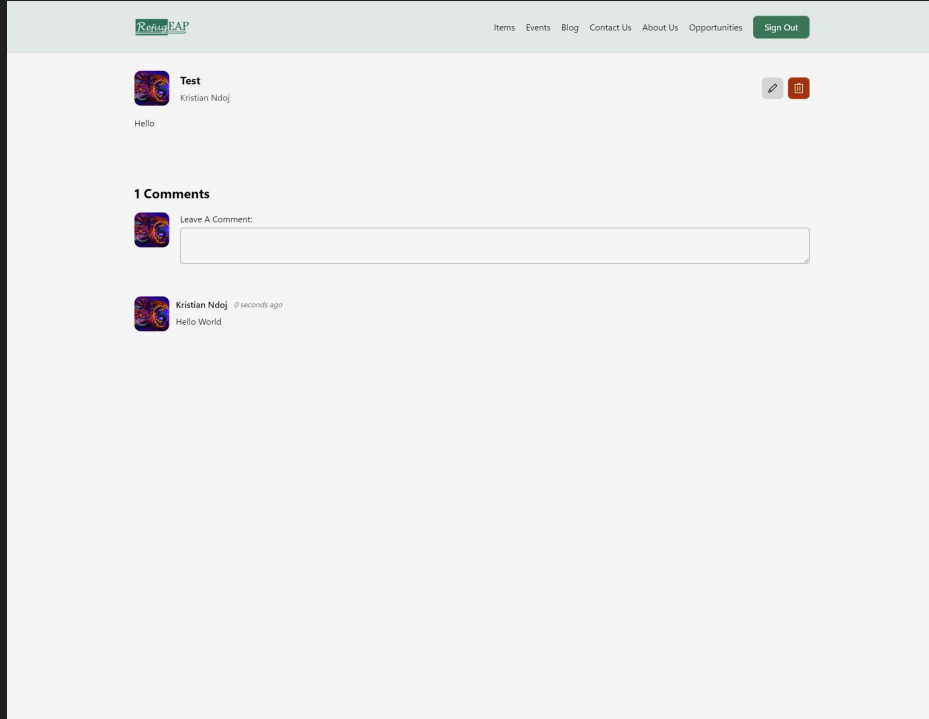


The image shows a 'New Blog' modal form. The form is white with a thin border and a close button (X) in the top right corner. It contains two input fields: 'Title' with a placeholder 'enter title...' and 'Content' with a placeholder 'enter content...'. Below the content field is a green 'Submit' button. The background is a blurred view of a blog page with various colored circular markers.

This is the screen that comes up when you click the add button.

Here you are able to create a new blog. You can name your blog and add the actual content itself.

A demonstration of key or interesting features (Blogs Page)



When you want to view a specific blog you will be greeted with this screen.

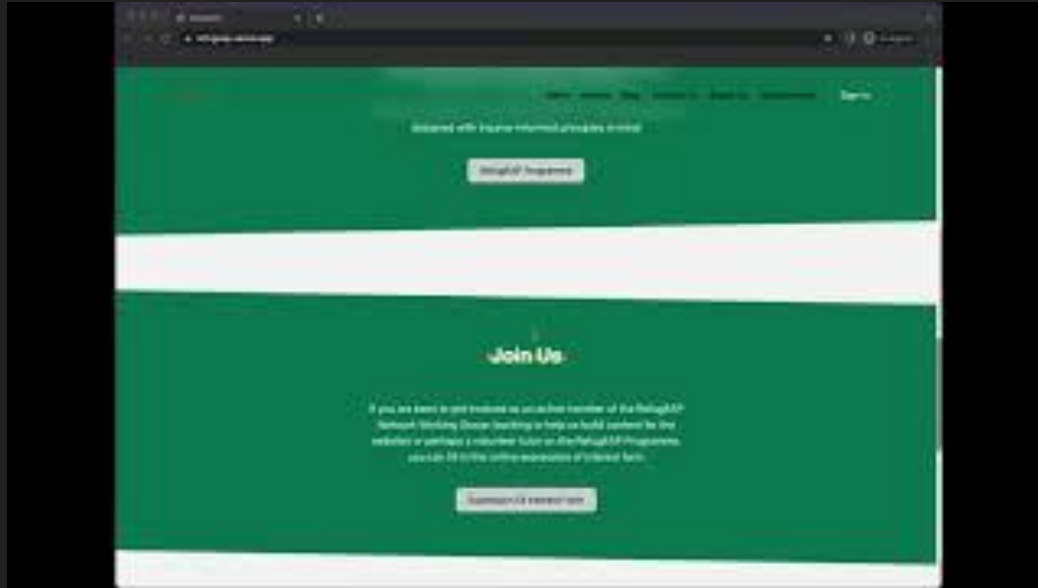
Here you are able to see the full contents of the blog. As the original poster you will be able to edit it and delete it and as an admin you can delete it.

As well there is a comments section. Here you will be able to view any comments posted under the blog or even add your own comment.

UI Design Decisions

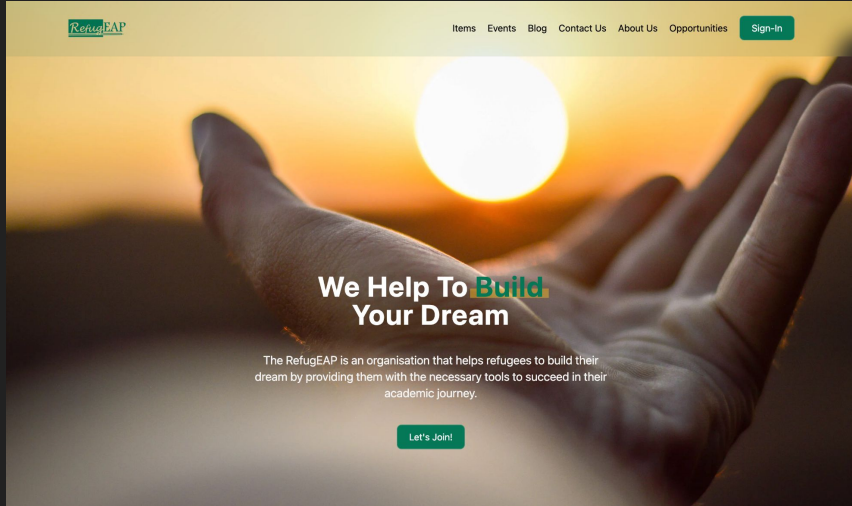
Creating an accessible and user-friendly UI for RefugEAP, a charity organisation, is vital for improving user experience and the platform's overall effectiveness.

UI Design Decisions - Minimalist Hero Page Design



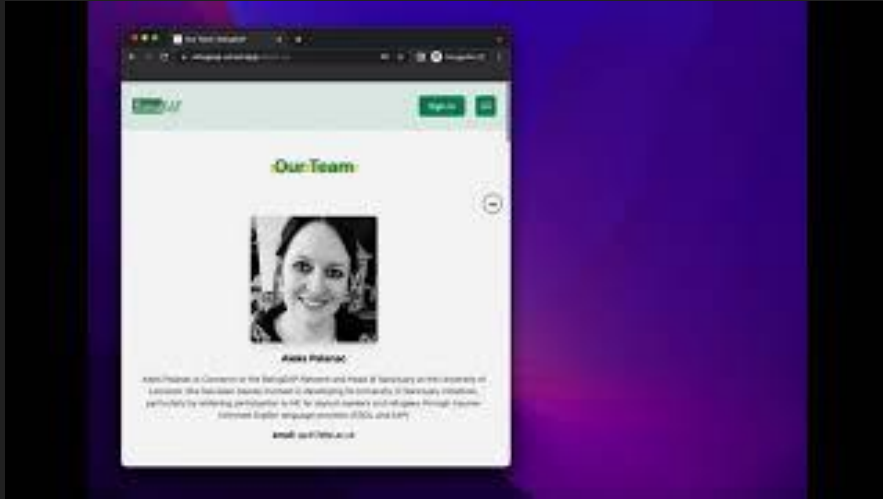
- We opted for a minimalist design for the hero page, ensuring that users can effortlessly grasp the organisation's purpose and objectives.
- This streamlined approach prioritises clarity and user engagement, effectively conveying the core message of the charity.
- We carefully designed the user experience to maintain focus on the central text while scrolling, effectively capturing and retaining user engagement throughout their journey on the page.

UI Design Decisions - Colour Pallete And Imagery



- The colour palette of the website featuring green, yellow, and white.
- These colours work harmoniously to evoke feelings of hope and growth, aligning with RefugEAP's mission to empower refugee students.
- The main image, showing a hand holding the setting sun, further reinforces this message by symbolising new beginnings, nurturing support, and the potential for a brighter future that the organisation strives to provide.

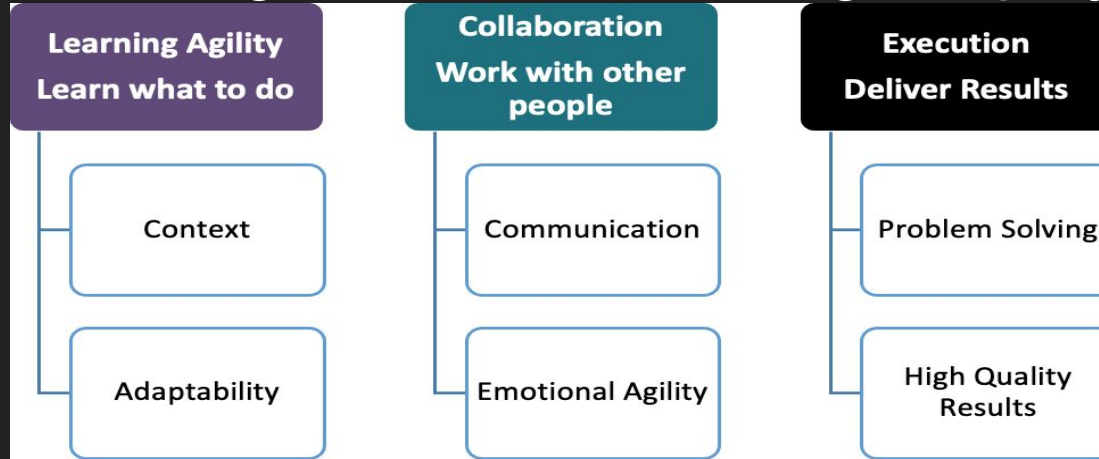
UI Design Decisions - Responsive Design



The website features a responsive design that adapts to various devices, providing an optimised user experience. This approach offers several benefits for the charity:

- Increased accessibility
- Improved user experience
- Better SEO
- Lower maintenance costs

Non-technical things we learned during the project



We have learned that developing a web app requires creativity and innovation to solve problems and meets users needs. We have learned how to brainstorm ideas, prototypes and test solutions and iterate based on feedback we received. Furthermore, we have learned new skills throughout the project as these skills can be useful in various fields. Overall, the group project helped us develop new skills and knowledge that can benefit us in the future.

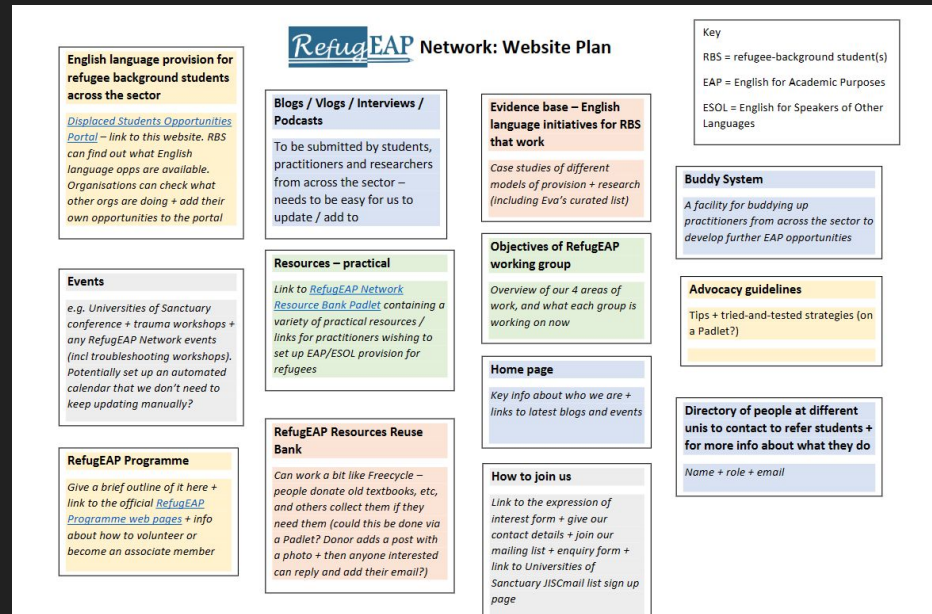
Non-technical things we learned during the project

- Scrum Master - this was a major role in the project which requires a lot of team leadership skills
- Communication and teamwork - this was the most used skill in the project
- Project management - developing a webapp required several stages such as planning, designing, developing, testing and deploying.
- Responsibility - each one of us learned to take responsibility for our own actions and contributions to the project as well as the outcomes of the groups efforts

Possible Plans for the Future

Optional Features Not Included:

- 'Buddy System'
- Evidence Base
- 4 Areas of Work
- Advocacy Guidelines



Improvements to Existing Features

- More extensive Opportunities page
 - Currently the majority of the page is about the Displaced Student Opportunities UK
 - Perhaps an explanation of the padlet, since it is could possible be quite overwhelming.
- More extensive Text/Writing features
 - The ability to format and 'decorate' blog posts with colour, images, etc.
 - Could be done with the integration of API's?
 - Can help important events/posts stand out against others.
- More accessible page editing features
 - Making it easier for the website to grow as the RefugEAP grows.
 - Can give the organisation more creative freedom.

Socialis, Ethical & Legal Issues:

Privacy and Security:

One of the main ethical issues associated with a refugee resource website is privacy and security. The website may contain sensitive information, such as the personal details of refugees, their location, and the organizations providing them with support. Fortunately our site only stores user email addresses and does not require passwords, as we use an email authentication system and google auth.

Discrimination:

Another ethical concern is the possibility of bias and discrimination. The website allows users to comment on various sections such as the blogs sections and while the intended purpose of this is for a positive reason, there is always the possibility of malicious or unwanted content being posted here. Fortunately we have tackled this with moderation tools allowing admins to remove such content from the website.

Maintenance:

Ensuring the website is kept up to date is important as refugees may be accessing outdated or misleading resources. As a result all sections of the website can be edited by admins to ensure the content is up to date and not outdated. Similarly old content such as old blogs or events can be deleted by admins.

