Our Trees

Contents

A project by: Rahmeh Zayed, Hermann Zoltán, Biszak Botond

Prep teacher: Stiblár Attila Head Teacher

School: Teleki Blanka Gimnázium, 1146 Budapest, Ajtósi Dürer sor 37

I. Inspiration

To get started let's review our inspiration. We as the younger generation should not sit back and watch as our future world is destroyed right in front of our eyes. Even though we all are aware of it, media does not cover deforestation as much as they should, and therefore is not enough funding for organizations that aim to work on this. If it ever does get featured in news, it is mostly always only the Amazon rainforest, all other places get left out. Before this we had no opportunity to help solve this problem. With our revolutionary ideas and technology at hand we can make an actual change, this is the inspiration behind Our Trees. The current percentage of land that is covered in forests is 21%, but the goal is 27% and we aim to help achieve that. We often go on cycling trips in Pilis, Visegrád, Normafa and Gödöllő, so we have seen the deforestation that takes place there, that they replant but we would like to assist in that, so we decided it could be our test subject for our project.
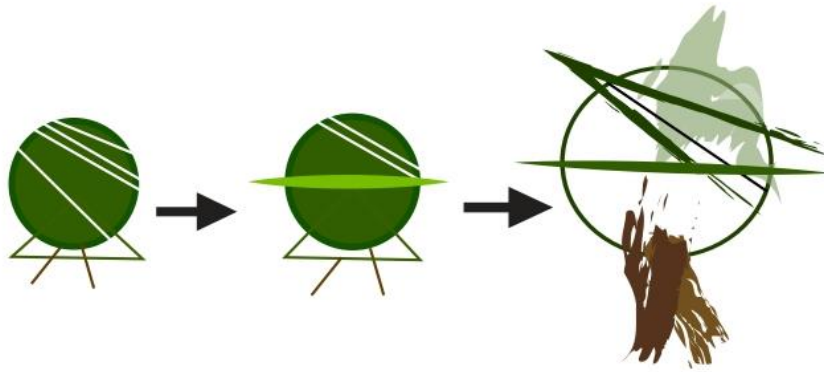

1. final logo

II. Our logo

Creating an outstanding logo for our app was one of our number one priorities. Constructing something as appealing as possible but also functional was not an easy task. The success of most projects and startups depends on whether their appearance could make an impact on their audience or not. We started by collecting some keywords that would help us during the production. These keywords consisted of simplicity, eye-catching, topic-related, nature, and natural color-based. We started sketching and chose a color template that would suit our work in the best way possible. Our prototype was ready, but some issues arose. Our design was too
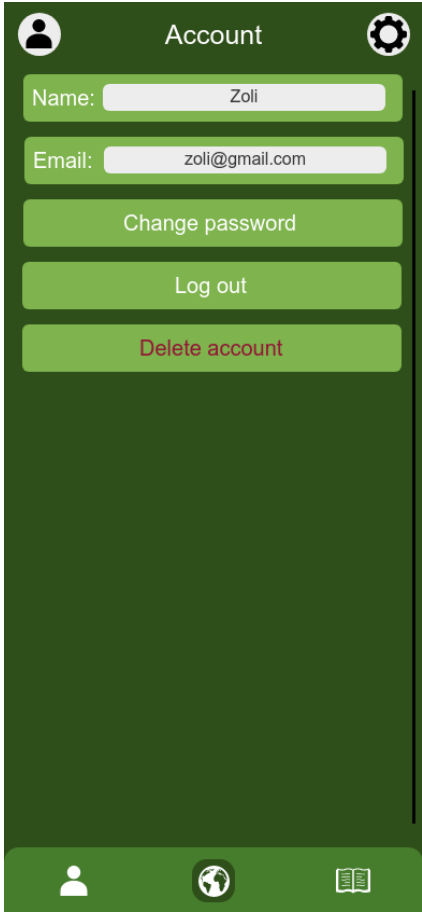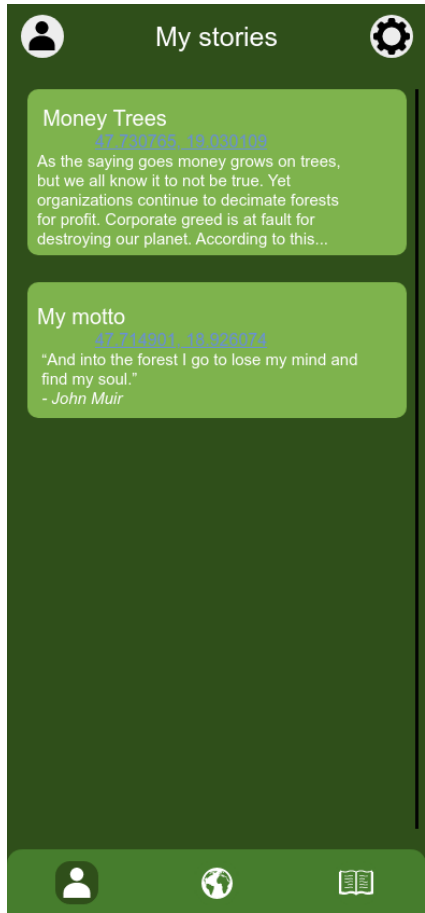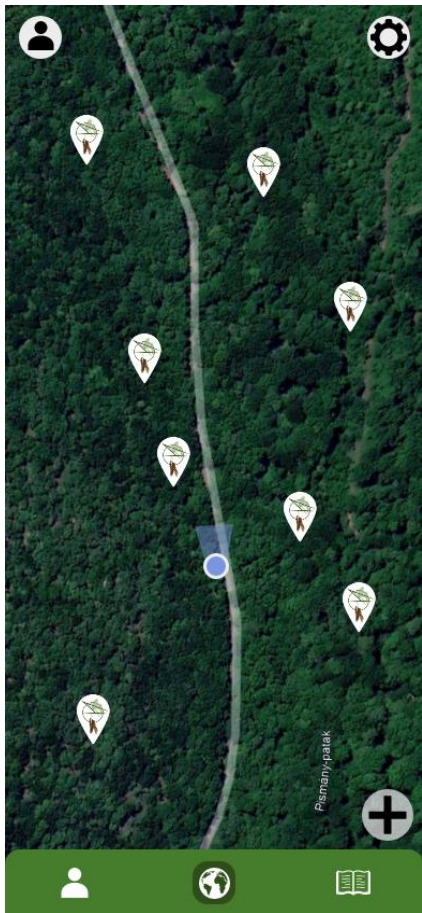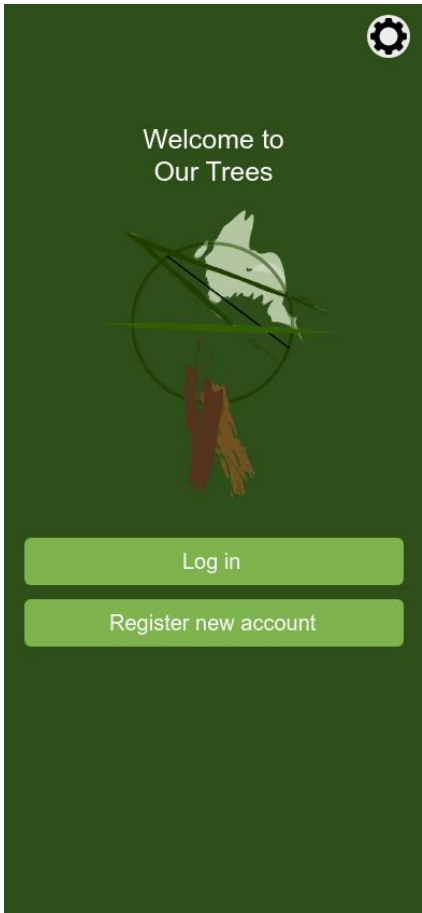
minimalistic, due to a lack of texture and character that could have embraced its look. We had to get back on our workbench and rethink the whole concept. We finalized our sketches it was time to digitalize. We used Adobe Illustrator CC 2017 not only to digitalize but to make a detailed vector image that is resizable into any size with keeping the proportions of the original form, vector form comes in handy when manufacturing merchandise.

2. stages of the logo

III. Difficulty with programming

Programming a complete app of this complexity in this short of a time was a much bigger undertaking than we had expected. Integrating a map that has elements to it is very difficult as well as making a database to store all the data. We will need more time to learn all that programming an app has to offer. Due to this we only designed the user interface of it to show what it will look like before we eventually complete the programming. We took inspiration from already successful apps and product design courses that are available online modeled it according to them. It's aimed to be very intuitive so anyone can use it easily regardless of their knowledge of technology, because of this we kept it simplistic but still modern. The colors are made to reflect forests so using it feels natural.

Screen 1 — Welcome

Welcome to
Our Trees

Log in

Register new account

Screen 2 — Map

Písmány-patak

Screen 3 — My stories

My stories

Money Trees
47.730765, 19.030109
As the saying goes money grows on trees, but we all know it to not be true. Yet organizations continue to decimate forests for profit. Corporate greed is at fault for destroying our planet. According to this...

My motto
47.714901, 18.926074
"And into the forest I go to lose my mind and find my soul."
- John Muir

Screen 4 — Post detail

My motto
47.714901, 18.926074
"And into the forest I go to lose my mind and find my soul."
- John Muir

Copy post

Edit post

Delete post

Screen 5 — Account

Account

Name: Zoli

Email: zoli@gmail.com

Change password

Log out

Delete account

Screen 6 — Regional rules

Regional rules
for 47.730765, 19.030109

Types of trees
-Oak
-Acacia
-Beech

Planting instructions:
-One every 2 by 2 meters
-Only plant as deep as it was in the pot
-Do not water after planting

IV. Social media presence

We created an Instagram page to raise awareness and to advertise our application. It allowed us to connect with people all around the world who are also supportive of our cause. This connection inspired us to expand to neighboring countries, but for us to be able to do this, we have to get a third party involved, which is a roadblock for us as it is hard to get in contact with foreign foresters. We also created a survey where our followers can suggest us features that we could integrate into to our app. Some reviews have already rolled in from our Instagram page. Multiple users praise the work that we are doing and encourage us to keep improving overtime. We also faced criticism, we are trying to learn from them, because we believe that a good piece of criticism is equal to the greatest advice someone can give you. We are really grateful towards the supportive community that we gradually build around us

This mentality of being conscious about climate change has reached immense popularity in the past few years as it has been caught up in every social broadcast. This has also helped raise awareness on the destruction of forests, but most people have not been able to do anything to reverse the damage that has been done. We offer the opportunity for these progressive people to make the change that is needed. Hopefully this is a fun but still a serious way to help out our planet.

V. Demonstration

To fully demonstrate our app, we had to plant our first sapling. We headed to Obi to acquire all the necessary ancillary. Since Obi did not sell the sampling type we needed we went to Borthy Kertészet. Borthy Kertészet was right around the corner, but unfortunately, the specific sapling was out of stock. Luckily, Borthy Kertészet had amazing customer service, and together with the workers, we found another sapling type that would fulfill all of our requirements. The species they recommended was the hawthorn since they are indigenous. They do not often see youngsters searching for trees, so they asked us about our project. They were keen on the idea that we wanted to popularize tree plantation among all generations. The tree was planted at Normafa.

VI.   The importance of forest workers

Although we wanted to plant an oak sapling, due to the circumstances it was unavailable so we had to plant another type that the workers suggested. In these kinds of instances forest workers play a vital part in informing less knowledgeable people about native wildlife. Without their work todays forests would not be in the state they are, they keep them healthy and thriving. For our project we rely on them to give us all the technical details about their craft, since we need to create every region and biome their own specific instructions on what and how to plant. Hopefully we create a bond across all generations with forest workers and raise their interest towards their work, so that current students might decide to head in a direction of forest management.

VII. Future plans

We hope to get funding for our app from individuals or any organizations so that we can continue to improve it and offer rewards for people that contribute towards saving our planet. Donations could be accepted if some people would be willing to. We would create merchandise that would be given out if you reach a certain number of points that you can gather by planting trees. Community events could be held to aid forest workers if they need help in maybe planting trees, this would earn users even more points if they attend. Hot spots can be created that need more trees planted and even more points would be rewarded at these locations.

VIII.   Sources:

The preparation material provided by the competition - (Magyar Erdők A Magyar erdőgazdálkodás, Adaptation to Climate Change in Sustainable Forest Management in Eruope, Erdővagyon és erdőgazdálkodás 2020-ban)

https://extension.psu.edu/forest-landowners-guide-to-tree-planting-success

https://parkerdo.hu/

https://www.oee.hu/

https://www.britannica.com/science/deforestation/Effects