

Computer Prototype 3

Task, Component, and Link

Our remaining task is mainly to let user “Check the information about the real tree that you have planted”. Another one is to let users share their tree to social platforms.

We chose Ant design as our branding component and execute the design style basically in every stages of our prototype. At this stage, we also refined components like data visualization and social interaction to solve previous problems.

Link: <https://cychung18.github.io/NU-Forest/>

Graphic Design

In terms of proximity, we follow the same way to group text information on our “Planting” page. The map is consistent in style with places to hold trees and a text box to hold text information. The sharing information is also consistent with other pages.

In terms of alignment, we align the text information of the tree to the right and follow the same pattern for other parts on the pages.

In terms of contrast, we use light color to emphasis the text information of the tree. And used brown color to draw the map which is comparatively distinct with the background and the tree. We also used different fonts to distinguish the tree name and tree information here. At this stage, when user click the navigation bar on the top right, the change of text color can indicate the status of page.

In terms of repetition, we are consistent in using color of brown for title and used grey for text information. The tree image is also consistent with images in the front pages.

Usability Design

Based on last feedback, we decide to change the stealing rate to 1 point. We do not think one-click gathering is appropriate here, because the process to go to different friend's pages to steal energy and interact is a way to encourage involvement and remind users that they need to collect in time, otherwise, others may steal the energy from them. But we do think stealing 5 points every time is too much, so we reduce the stealing point into one.

In terms of visibility of system, we use hints to let users know the functions of the images, like what will happen when they click the tree. We use a US map to indicate the location and position of trees because this is how we find location in real life, and it would be more direct to users to directly see on map than get the text information about the location. The font and color are all consistent with other pages.

There is no effort for users to remember anything, because every time they check this page, they will know the information about their tree.

We made the tree simple and clear, the information is focused and only the key information will be here. We think this can save more efforts for the user trying to figure out unnecessary information. For the sharing feature, we also give limited choices to users and thus make the actions clear and simple.

We also add a cross button for user to close the tree, so when user accidentally hit the

tree or want to close it after open, they will have this redo and undo choice.

Component

For our branding, we chose Ant Design, because they already have similar environmental applications that we can follow. Except using same Color palette for typical gamification app of Ant Design, we also used same alignment rules and navigation patterns. In our friend list page, we used side navigation to provide a more flexible menu item and enable unlimited number of items. We also used their font family for the text and keep consistent in this aspect.

Observations & Resolutions

For tested users, it is easy to know how to check the tree information. They all perform very well at this task. And they think it is easy to understand how to share as well.

One user mentioned that our former name “Map” is quite confusing, so we changed the name to “My Planting”. She also mentioned that the sharing information is really simple, which is good, but she was expecting more than a text. We are still considering about how to enhance it, because the photos of sharing may be differed if we use that in different stages, so it could be an unnecessary feature as long as the user knows how to share. We think it would be a nice-to-have feature if added.

Another user thought the moving information text box is not so clear, so we fix the information box related to a real tree now. He also said that it might be a good idea to have the name of the tree type on the information, so we changed from previous “Real tree” to the tree type name now as the information title for a tree.