**Static UI design（这个是总体的UI design）**

1. **Total design aim: green and simple**

To corresponding our aim:” Greener Life”, we choose the green as the base hue. The green also is the colour of tree and glass, making the human feel relaxed. Plus, this colour also responds to our function of “Plant the AR tree”.

图标

中度可信度描述已自动生成

They other aim of the total UI design is simple. We make four different pages according to their different functions and our project aims, with each page just does their own primary thing first. For example, Dashboard page is only for users looking to their daily progress and add random tasks, Chatbot page is only for users chatting with the robot to get some suggestions of greener life and add them into the routine and so on. AR tree page is only responses for plant the AR tree and badge page is only for users to looking their whole badge status. For implementing this structure, this one green hue navigate bar is used to putting all main functions of our website. Users can simply click it for changing the main shown page by router. And it also has the hint for current shown page by the title colour becoming black.



1. **Style scoped**

Each page has some small differences, so using ‘style scoped’ minimum adjust their style individually. Also, it will change each page without impact the other pages.

文本

描述已自动生成

1. **User-friendly Responsive Design**

Consider users may use the different devices, so almost all page, the responsive design will be used. It all aims to improve the user experience.

1. **For the navigate bar**

While the navigate bar is the top of the page when user using the desktop, it will become the bottom of the page when the user using mobile phone for user friendly.

文本

描述已自动生成

1. **For the main content of each page**

While the main content is in the centre of the page when user using the personal computer, it will become almost 90% of this page when the user using smartphones.

文本

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**文本

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**加到上面这里的部分：**

**Welcome page UI**

**UI design and demo**

This is the template referenced from the tailwind CSS. [<https://tailwindui.com/components/marketing/page-examples/landing-pages> ].

According to the simple and green aims, we found one template from the CSS website to save time to doing more important things like adding the other functions into our website. We changed the hue into green, added the welcome information, and list all our website main functions into this page for provide users with one clean and clear page.

图形用户界面, 文本, 应用程序

描述已自动生成

**Implementation**

Because using the exists template, so we just changing the icon and information to better fit the website. This is the icon website we referenced. Almost all icons are referred to this website, and some icons, like that tree and circle, are written by us. [<https://heroicons.com/>]

Here is one button call “Getting started with Glife!” for users who are interested in this website. After user clicking this button, the website will redirect user to login and register page.

**文本

描述已自动生成**

**加到上面这里的部分( 导航栏，以及手机电脑的适配我都写在最上面的总体static UI design了)：**

**Main page UI**

**UI design and demo**

We use the green hue to response for our aim: greener life. All the individual pages are the subpages of the main page, and we use the router to achieve the aim of switching page.

**Implementation**

1. **Router**

As it mentioned before, we use the router to implement the page switching. After the user clicking other page into the navigate bar, the routing jumps to switch the mounting and rendering of corresponding components.

文本

描述已自动生成文本

描述已自动生成

[↑router picture]

1. **Tutorial**

**图形用户界面, 文本

描述已自动生成**

**↑大佬在这里写了**

**下面这些是紧接着大佬那里page的里面写的**

* 1. **AR tree**
     1. **AR tree page**
        1. **UI design and demo**

This page contains one picture and two buttons for simple design. The picture contains 8 different tree pages for hint the users now tree stage. When this tree grows from a sapling into a towering tree, it hints users that you can plant the AR tree now.

There are two buttons below this tree picture, one called Plant, and the other named Camera. As the button name, the left button is used for plant the AR tree in map when users finishing 8 tasks specific, and this plant button will be enabled. The right button is camera for users looking for already planted trees on the map.

图形用户界面, 文本, 应用程序

描述已自动生成

* + - 1. **Implementation**

The picture’s switching needs to get the information from back-end. Also, whether the button is enabled or not needs to get the tree status of the pictures.

图形用户界面, 文本, 应用程序

描述已自动生成 图形用户界面, 文本

中度可信度描述已自动生成

Button-disabled Button-enabled

图示

描述已自动生成

文本

描述已自动生成

[from backend get tree point information]

* + 1. **Badges page**
       1. **UI design and demo**

This page contains one user information sentence and all the badges status. For the consistency, they are all grey when the user didn’t get any badges, if the user gets any badges form them, they will become green colour and the information also be updated. Moreover, when user mouse hover into each badge, there also has one line to describe each badge’s get way to tell the user how to reach it.

图片包含 日程表

描述已自动生成

* + - 1. **Implementation**

This page also gets the information from back-end when using switching into it. We first get the status of each badge individually, and then decide they are coloured or not. Also, the user hint information of total badges status changed by each user different badge status.

图示

描述已自动生成

[Flow picture of the logic in badge system page]

文本

描述已自动生成

[from backend get badge information]

* + 1. **404 Not found page**
       1. **UI design and implementation**

For 404 not found page, we use the template from this website. [<https://tailwindui.com/components/marketing/feedback/404-pages>] If user occurs some unknown error, it will be redirected to this 404 page for user can back to login page again. Also, for responding to green hue, this page also become green by small adjustments.

For implementation. We just changing it into the green hue. And add one router to user can back to login page by clicking the button.

**---补充在大佬page这里的----------**

**图形用户界面, 文本, 应用程序, 电子邮件

描述已自动生成**

**UI design and demo**

To response for our project aim, we use the green hue in title and button, and put the title into another font to hint user the current page.

1. **Log in**

It has two input boxes for user inputting their username and password, and for add the page consistency, one toggle button for choosing the different login system is added on the bottom of this login page. Also, some hint information, for example, user does not exist, wrong password and so on are used to hint the users when they occur these errors.

1. **Register**

Comparing with the log in page, this page adds two input boxes for users input their email address and verification code. It also adds one button for users get the verification code. After one code is sent, they need to wait another 60 seconds to get the second verification code if they are not received the code for some reasons. Because our website design, each user has their unique mail address for bound the user ID. This page also has some hint information for users like: the email address already exists and so on.