**G-Garden**

G-Garden is an online plant raising app based on NFT that allows growing plants to make online plants have a higher value. Measure the value of the plants you keep by the values of NFT.

The idea comes from my hobbit, I am a plant lover, but I cannot have plants at home because of my kittens. I discovered that many plant lovers couldn't grow plants indoors due to practical factors such as health conditions, pets at home, or people being busy at work. My first plan was to design an app for people to grow plants online, so that users could use the app to fill the regret of not being able to grow plants indoors.

My curiosity was caught by recent news: "NBA icon Stephen Curry buys Bored Ape NFT for $180,000," according to Theblockcrypto website. After doing some research, I found that "digital art" was causing a wave of popularity on the Internet. All the "digital artworks" are represented by NFTs, and each artwork is unique and untamable. Many NFT platforms provide a choice of "digital artworks" such as paintings, music, photos, etc. The NFT platform also offers a variety of digital art options that are like the adoptive ones, such as Crypto Kitties, doge, and Crypto Trees.

After conducting user research, I decided to design and create an app: a combination of indoor plants growing and NFT, in which users can purchase plants based on their species, age, and physical appearance to determine the value of the selected plants. This app allows users who cannot grow plants in real life to enjoy the funning of growing plants while enhancing the valuation of these digital plants. The goal is to make this a general template which could be applied to numerous platforms.

**The Challenge**

**Plant lovers have the following problems:**

If you have plants at home, some of them can lead to poisoning of the family pets.

It is difficult to grow plants because they are often careless because of their busy schedules.

Tracking the plant growing process systematically.

People hope that technology can enhance the value of the plants.

**These problems will be solved by creating:**

A platform including App and Website will guide users in growing digital plants and measure the valuation of the digital plants.

**The effect will be reflected in:**

More plant lovers will be able to grow their plants and increase their value through this platform. More people will learn about NFT, combining technology, art, and life. Cultivate your satisfactory plants based on cryptographic protection of property rights.

**The Process**

**图形用户界面

中度可信度描述已自动生成**

**日历

描述已自动生成文本, 信件

描述已自动生成电脑键盘

描述已自动生成文本, 信件

描述已自动生成图片包含 文本

描述已自动生成图片包含 文本

描述已自动生成Mind Storming图片包含 室内, 键盘, 电脑, 不同

描述已自动生成日历

描述已自动生成**

**图示

描述已自动生成Mind Mapping**

**Persona**

**About Tony Lee**

Tony Lee is a plant lover. He worked at a start-up company as a full stack engineer. He often gets the latest idea and news. For the complex works, his working must lose a lot of personal time. He has a kitten named Yoki at home, because of the weak knowledge on kittens, Yoki was poisoned by eating Tony’s plant last year. Tony must throw out all the plants at home to protect his kitten. He was very sad that he has to choose one between indoor plants and kitten. He hopes he could grow plants at home one day even if as a virtual plant.

“I hope that I could grow plants at home one day even if as a virtual plant ”

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**Goals**

* Make a balance between pets and plants.
* As a virtual growing app, make users have an immersive experience.
* Enhance the artistic value of plants in the platform of NFT when growing them online.

**Frustrations**

* Because of pets, plants lover cannot planting at home.
* Growing indoor plants will take a lot of time.
* Nowadays, financial management is increasing. How to make financial management and habits together is a huge challenge.

**图片包含 日程表

描述已自动生成Tony’s Story**

**图标

描述已自动生成Tony’s Need**

1. **Find (Plants & NFT)**

Find a NFT platform which can grow some green plants online. And his online plants have value as an art.

1. **卡通人物

   中度可信度描述已自动生成 Registration**

Registration online, get his own plant with NFT ID, and choose the wallet connect with platform.

1. **卡通人物

   中度可信度描述已自动生成 Growing Online**

Tony could grow green plant online, and with fitting water and sunny the plant will improve the value.

**Prototyping Summary**

**墙上挂着许多画

描述已自动生成**

**手机屏幕截图

中度可信度描述已自动生成Key Features**

**图形用户界面

描述已自动生成After Using this Platform**

**Mobile-UX-Flow**

电脑的屏幕

中度可信度描述已自动生成

**Web-UX-Flow**

电脑萤幕画面

描述已自动生成