




Online course NFT Marketplace

111-2 SAD Final Project

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GuildLine

01 動機以及目的

02 開發過程及運用的工具

03 實際操作和介面的展示

04 目前的問題

05 未來加強方向

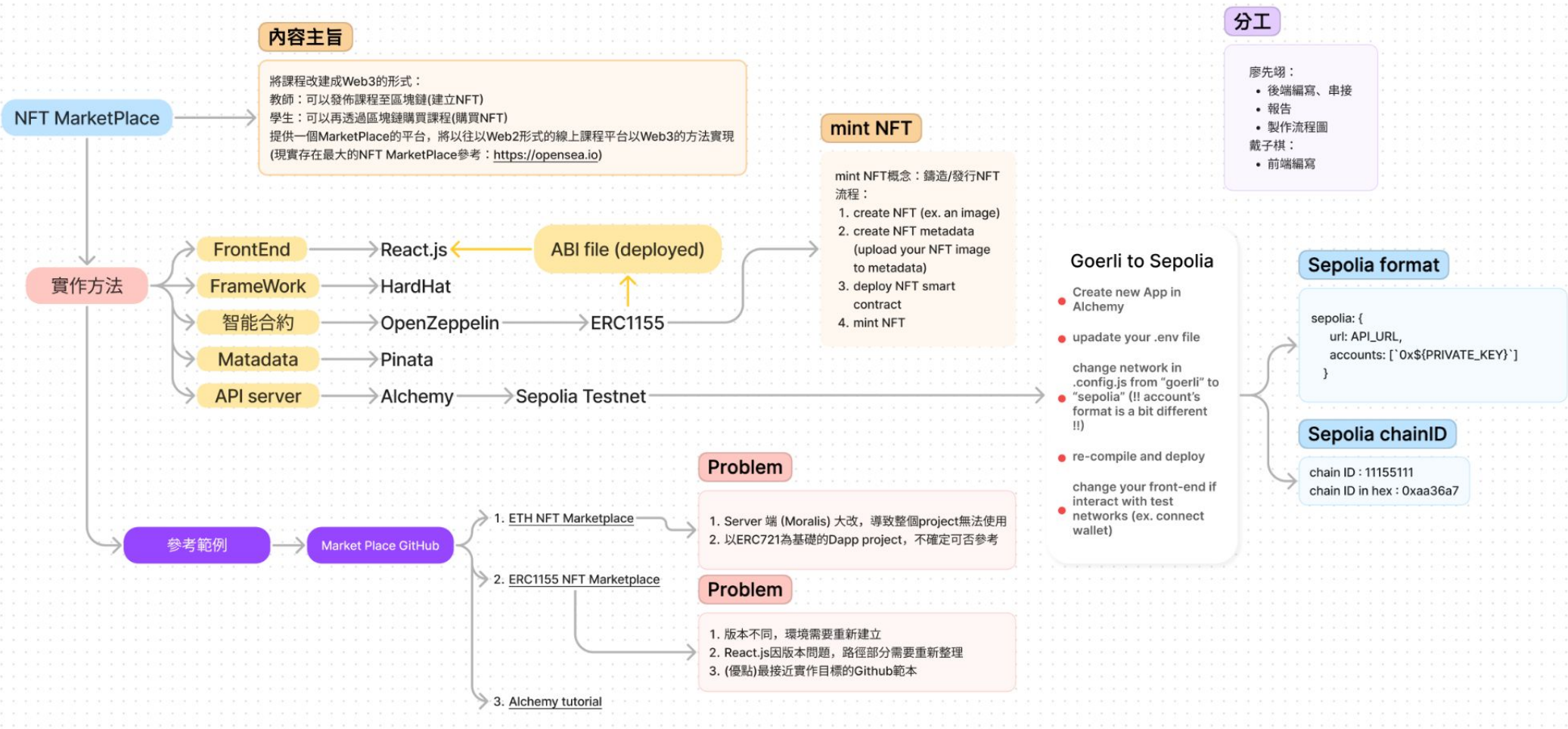




01. 動機及目的

- 將目前多數在web2的線上課程平台轉移至web3
- 好處：
 - 跟上時代的進步
 - 創作者可以直接受惠，無需經過中間代理平台(去中心化)
 - NFT證明學習歷程

02. 開發過程及運用工具



03. 實際操作

04. 目前的問題

Mint & List NFT

1. Seller 鑄造 NFT

```
_mint(msg.sender, newTokenId, 1, "");
```

2. Seller 轉交 NFT 給平台 contract (賣出平台可以直接轉交所有權給 Buyer)

```
safeTransferFrom(msg.sender, address(this), tokenId, 1, "");
```

Buy NFT

平台將 NFT 所有權轉交至 Buyer

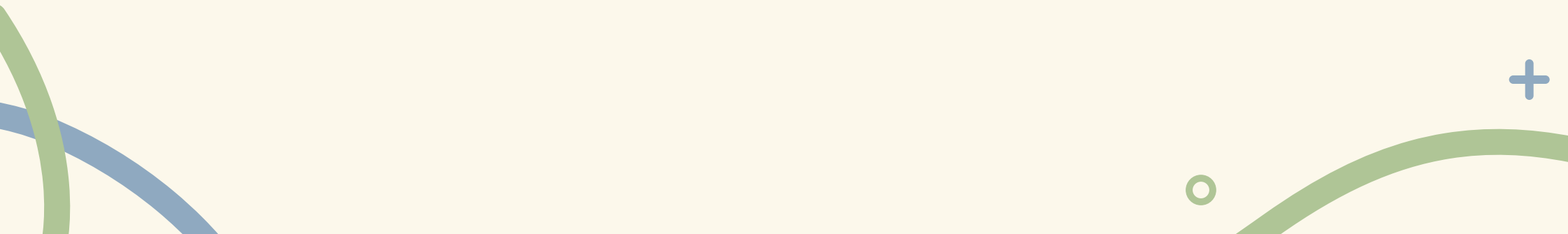
```
setApprovalForAll(address(this), true);  
safeTransferFrom(address(this), msg.sender, tokenId, 1, "");
```

```
Upload Error: cannot estimate gas; transaction may fail or  
may require manual gas limit [ See: https://links.ethers.org/v5-  
errors-UNPREDICTABLE_GAS_LIMIT ] (reason="execution  
reverted: ERC1155: caller is not token owner or approved",  
method="estimateGas", transaction={"from":"0xbFD51a5ED  
d5C4725841a6Ea05301c39892b0Ead0","to":"0x1ecAAD4a4C67  
61C81d27A1A9DA3FEB45Ab6939e  
0","value":  
{"type":"BigNumber","hex":"0x2386f26fc10000"},"data":"0x9b1  
225440000
```

主要問題：erc1155: caller is not token owner or approved example



05. 未來加強方向

- 排除平台bug
 - 建立購物車系統(最大化ERC-1155的優勢)
 - 優化平台反應速度
 - UI介面更新
- 

The background is a light cream color. It features decorative elements: a blue wavy line and a green wavy line in the top-left corner; a small blue plus sign and a small green circle in the top-right corner; a small blue plus sign and a small green circle in the bottom-left corner; and a small green circle and a small blue plus sign in the bottom-right corner. The word "Thanks!" is centered in a dark blue, rounded font.

Thanks!