

## iOS assessment

Develop this two page application with UX and use case accuracy.

### Application Requirements:

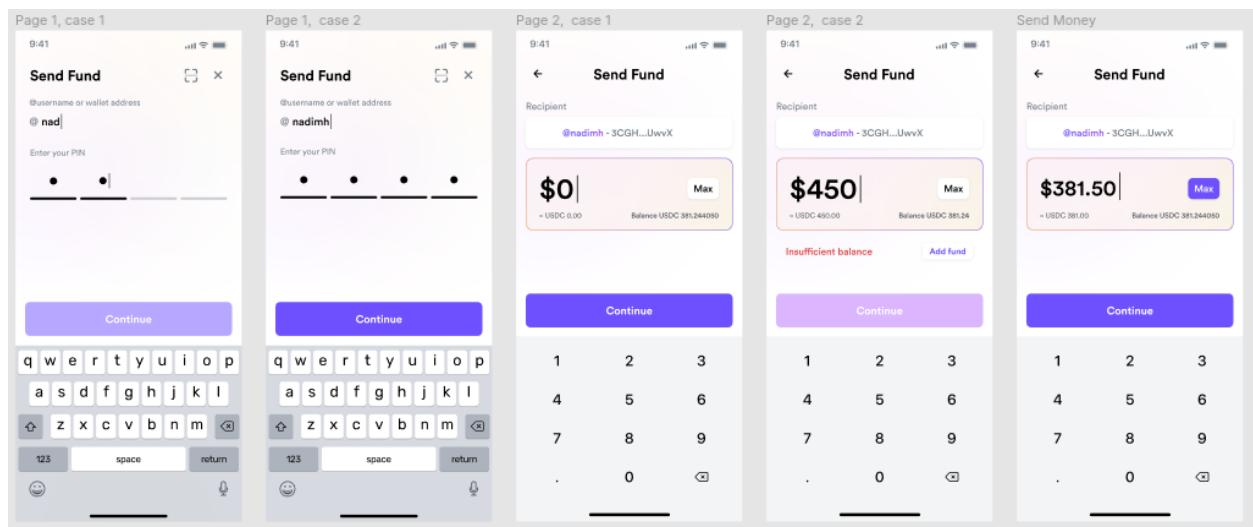
Language : Swift

Design : Storyboard/Programmatically

Architecture: MVVM

Networking: Alamofire

Note: Use two viewcontroller for the following pages.



### Design file:

<https://www.figma.com/file/3Q2XoDQiJvirTSVH1sNgDO/android-assessment?node-id=0%3A1&t=cLodTUWnFfWxCxdW-0>

### API:

URL: <https://wind-assessment-api.vercel.app/api/v1/login>

Method: POST

Request body:

```
{
  "user": "nadinh",
  "pin": "1234"
}
```

### Response 200:

```
{
  "status": true,
}
```

```
"messages": [
  "Request Seccess"
],
"data": {
  "userInfo": {
    "Id": 365,
    "Email": "nadimh@wind.app",
    "UserName": "nadimh",
    "WalletAddress": "0x95d8efac952e42148a4faf091e5b2407a7834e77",
    "smartContactWallet": "0x4dda336dCFF6B88078909E9b156d36A91EA00087",
    "ProfileImage":
      "https://lh3.googleusercontent.com/a/AEdFTp4zOK4n_7WajLyS9qa8ppvAqMVvGeJMuGfIMzwGfQ=s96-c"
  },
  "accountInfo": {
    "balance": 381.500956,
    "currency": "USDC"
  }
}
```

#### Response 400:

```
{
  "timestamp": "2023-02-13T05:12:56.884Z",
  "path": "/api/v1/login",
  "status": false,
  "statusCode": 400,
  "error": "Bad Request",
  "requestId": "f2990766-44000"
}
```

## # Product requirements document (PRD):

### 1. Send Fund

9:41

**Send Fund**

@username or wallet address

@ nad

Enter your PIN

• •

Continue

q w e r t y u i o p

a s d f g h j k l

z x c v b n m

123 space return

9:41

**Send Fund**

@username or wallet address

@ nadimh

Enter your PIN

• • • •

Continue

q w e r t y u i o p

a s d f g h j k l

z x c v b n m

123 space return

Username filter logic:

#### Components

- Strings (Letters) a-z (only lowercase letters)
- Integers (Numbers) 0-9
- Special Char only “\_” under scores and “.” full stop

#### Procedure

- Minimum 3 char with alphabets (excluding numbers and special char \_ & . )
- Maximum 32 char
- User cannot input successive underscores or fullstops
- No Spaces allowed => if the user inputs space we will not take it as an input
- All lowercase letters. If user willingly or by Default inputs Uppercase letters then we intake it as a lower letter
- From the user's last input character, wait 2 seconds and auto enable the PIN input field.

Ref: Telegram doesn't allow usernames to start with underscores or successive letters.

After all case done, then Continue button can enable

Input Example:

For true input:

win123, abc\_123, a.b\_c, a\_b\_c, a.b.c, a.\_cb, wind, \_abc

For false input:

wi123, abc\_\_123, a..b\_c, a#bc, ab123

-

## 2. Call “login” API after get success response goto page2

9:41

← **Send Fund**

Recipient

@nadimh - 3CGH...UwvX

\$0 | Max

= USDC Balance USDC 381.244050

Continue

1 2 3

4 5 6

7 8 9

- Set username - *WalletAddress* in Recipient card

- Click on Max button, set *balance* amount

- Show Balance USDC (balance - imputed value)

E.g. balance: 50.00

Input value: 10.123456

Balance USDC 39.876544

- Must meet input use case.

Ae share [demo video](#) to understand input amount use case

9:41

← **Send Fund**

Recipient

@nadimh - 3CGH...UwvX

\$450 | Max

= USDC 450.00 Balance USDC 381.24

Insufficient balance Add fund

Continue

1 2 3

4 5 6

7 8 9

. 0 <X>

- Show “Insufficient balance” when input value is greater than balance.

E.g. *inputValue* > *balance* then show “Insufficient balance”

- Also show “Add Fund” button when show “Insufficient balance”

- “Add fund” button can't have any action in this phase

**Submission Process**

You will need to submit the project via a github public project url. Please try to push commits periodically so that your approach to development is understandable.