

MAXIMIZE EFFICIENCY OF SYSTEM FLOW BY APPLY NEW TECHNOLOGY

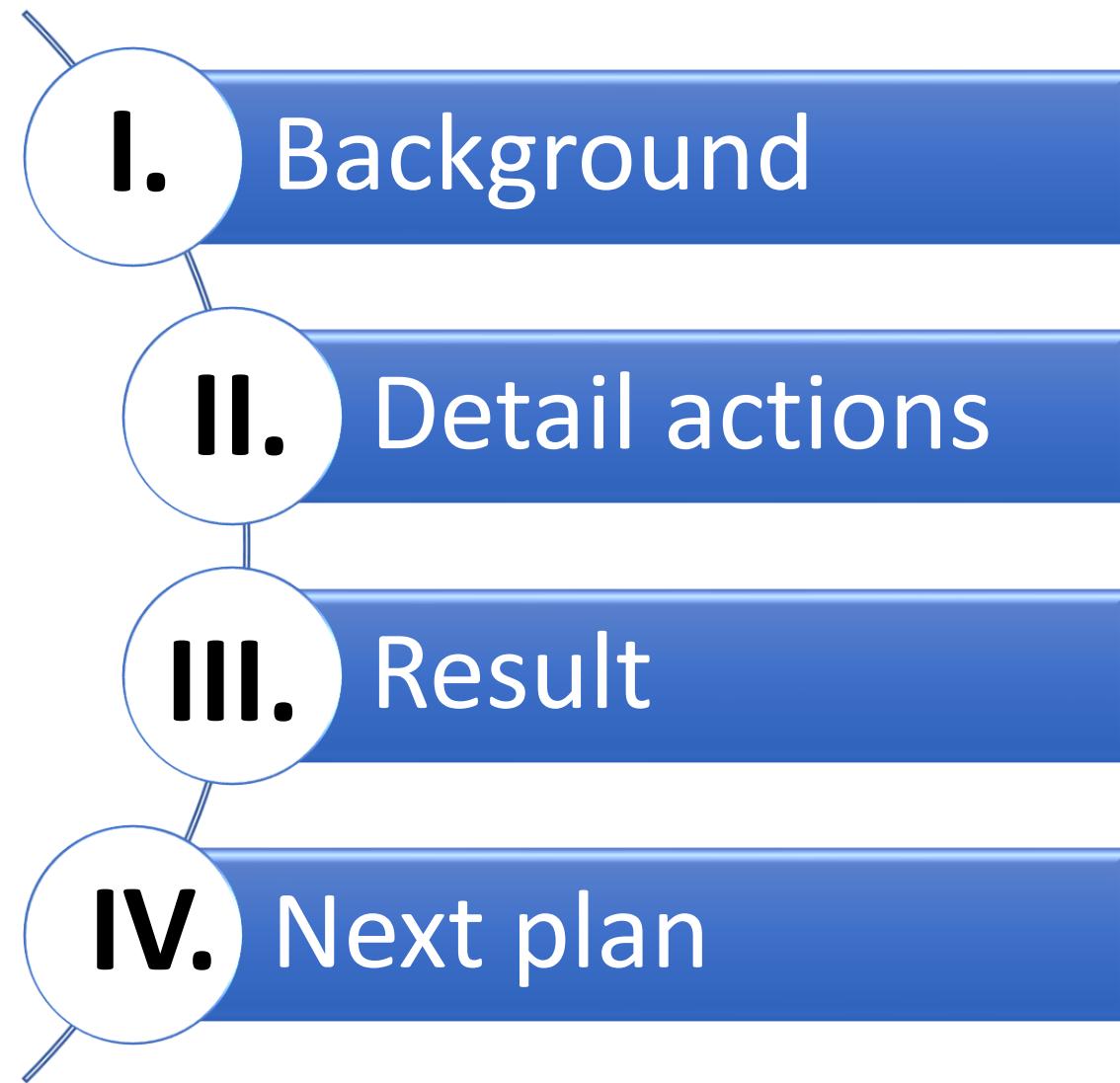
Reporter

Tran Thi Thuy

Department

TL TIM

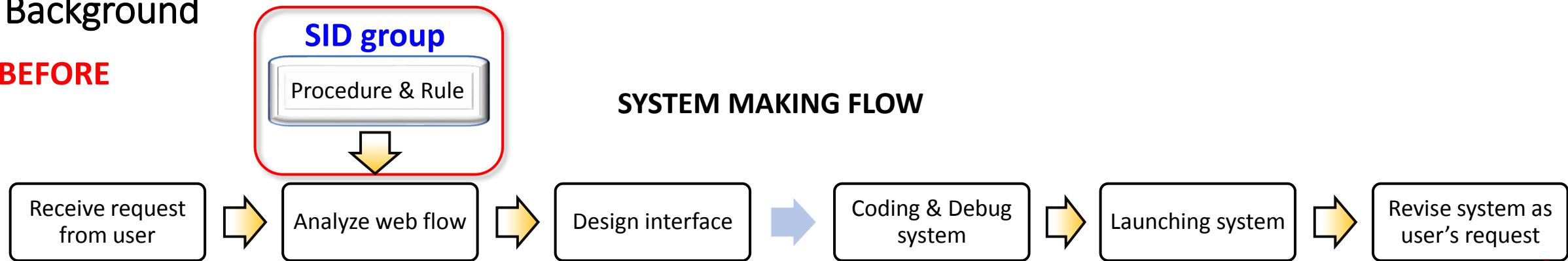
AGENDA



MAXIMIZE EFFICIENCY OF SYSTEM FLOW BY APPLY NEW TECHNOLOGY

I. Background

BEFORE



- All system be made by EIT (Coding group) => **Need 6 months to finish system**
- EIT modified system as user direct request => **Differ with procedure**

EIT need more support from SID

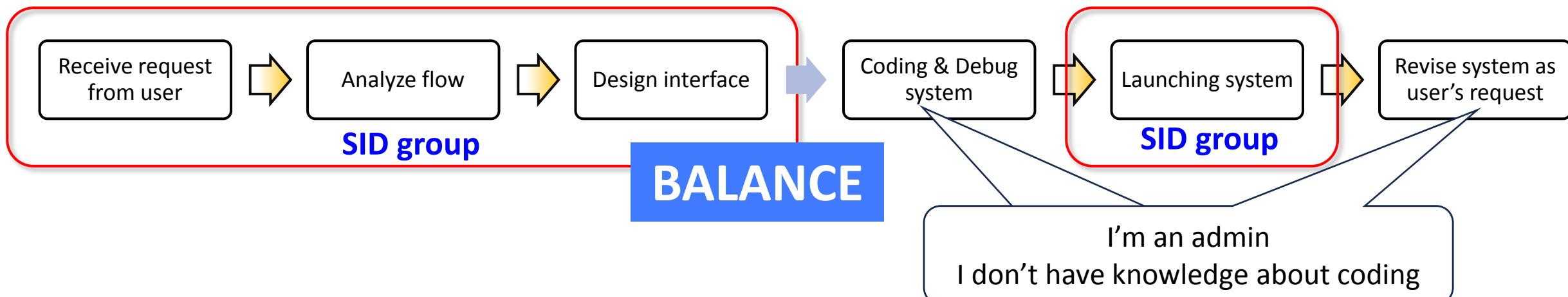
New system making/year

| 2023 | 2024 | 2025 |
|------|------|------|
| 5 | 8 | 10 |

EIT over workload

Risk violence in ISO, CIC audit...

NEW



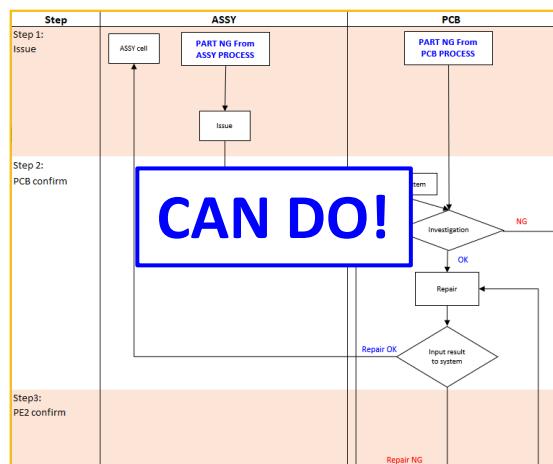
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II. Detail actions

Tool using:  



Analyze flow



Design interface



Inflexible

⇒ Not exactly as user seeing



Coder



Re-Design by HTML, CSS

⇒ Double jobs

Only see actual interface ⇒ Mis understand user requirement after finish coding



- How to optimize design?
- How to reduce coder's re-design step?
- How to make user-friendly interface?

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II. Detail actions

❖ Detail Step 1: Study new method

❖ Concept

Step 1

- Study new method

Step 2

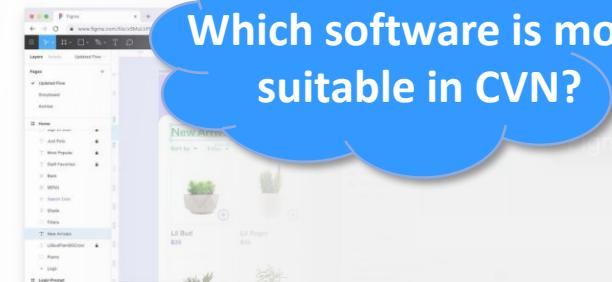
- Apply for new system/new project

Use **professional software**

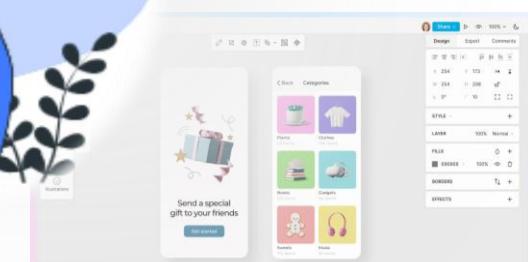
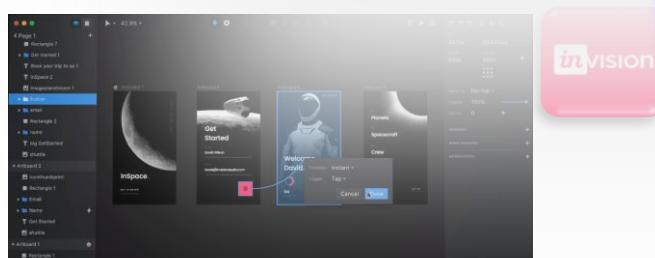
- Visualize interface same with actual operation
- Easy for coding
- Interface include: Color, font size, and distance between each menu
- Can export code to HTML, CSS

Target:

Cut off jobs to saving working time (**save 2 months** with old method)



Which software is most suitable in CVN?



II. Detail actions

- ❖ Detail **Step 1:** Study new method

Use **professional software**

| | Sketch | Figma | Invision | Lunacy | MockFlow |
|----------------------------|--------|-------|----------|--------|----------|
| Can working offline | ✗ | ✗ | ✗ | ✓ | ✗ |
| Free | ✗ | ✗ | ✗ | ✓ | ✗ |
| Support Windows | ✗ | ✓ | ✓ | ✓ | ✓ |
| Security | ✓ | ✗ | ✗ | ✓ | ✗ |



IT accept by Flowlite

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II. Detail actions

❖ Detail

✓ Auto la
Auto co

Buttons 45



Icons

Photos

Illustrations

✓ Built-in graphics to build design

The screenshot displays a software application for managing a 'Defect Return System'. The interface is divided into several sections:

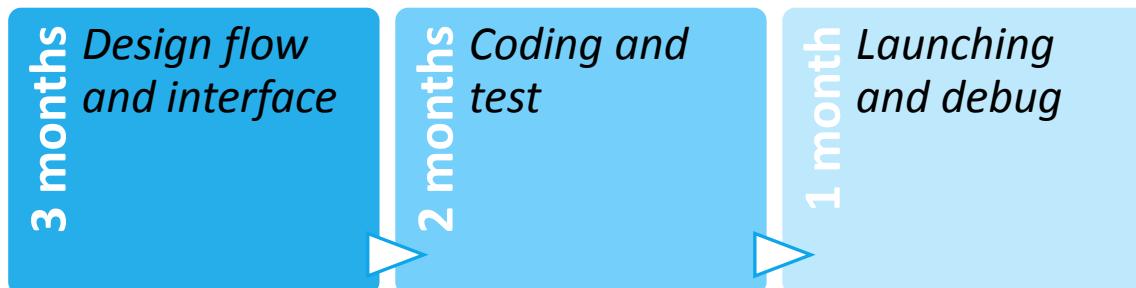
- Top Navigation:** File, Edit, Layer, Text, View, AI, Help.
- Central Area:** A 'Visualization' section featuring a bar chart titled 'PART NG BY MODEL' showing defect counts by model. Below it is a 'Part Defect' table listing items such as 'GMS-0500-PCB' with status 'Wait PE2 review'.
- Right Sidebar:** Contains tabs for 'Design', 'Export', 'Style', 'Layer', and 'Effects'. The 'Style' tab is currently active, showing settings for colors (e.g., Primary Text color: #000000, Secondary Text color: #FFFFFF), fonts (e.g., Ag, Geist, 18px, Regular), and effects (e.g., Prototyping, Scroll).
- Status Bar:** Shows system information: X: 23, Y: 199, W: 192, H: 46, L: 0°, J: [center], Tint: 100%, Normal, Selection: 000000, 100%, Effects: PROTOTYPING, SCROLL, Mode: G17, Fail code: TIPF - Check (2D EK 16 check), Fail description: TIPF, Unit: QMS-0500-PCB, Line: Main, Doman: VE, Date: 11:51 AM, 12/25/2025.

✓ Prot
Create
simu

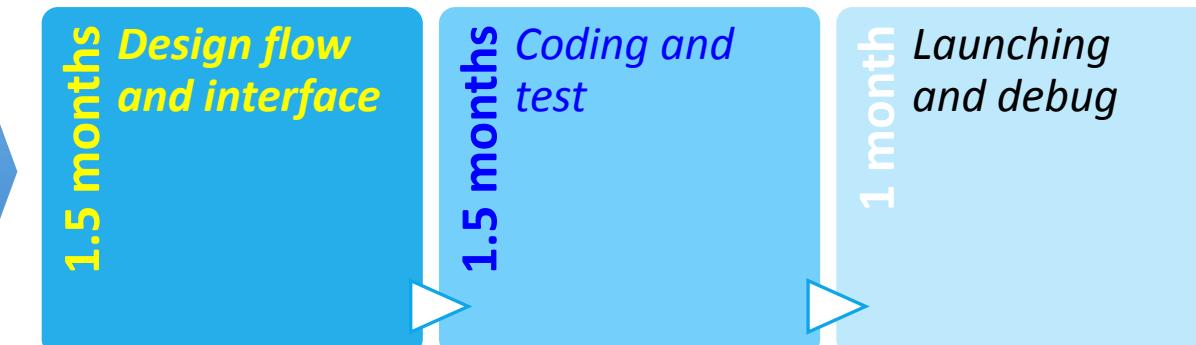
II. Detail actions

- ❖ Detail **Step 2:** Apply for **new system/new project**

Current route



Improvement

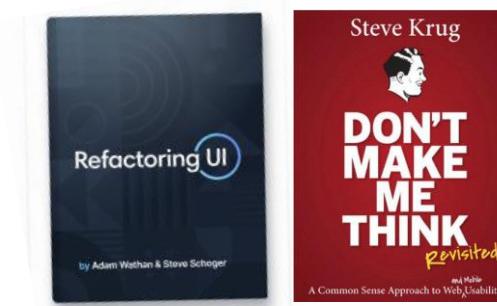


Difficulty

- ① How to make colors, fonts and layouts harmonious?
- ② Easy for coding (coder)
- ③ Friendly with user



Document



Current website

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III. Result

Finish design for TIDB mobile application

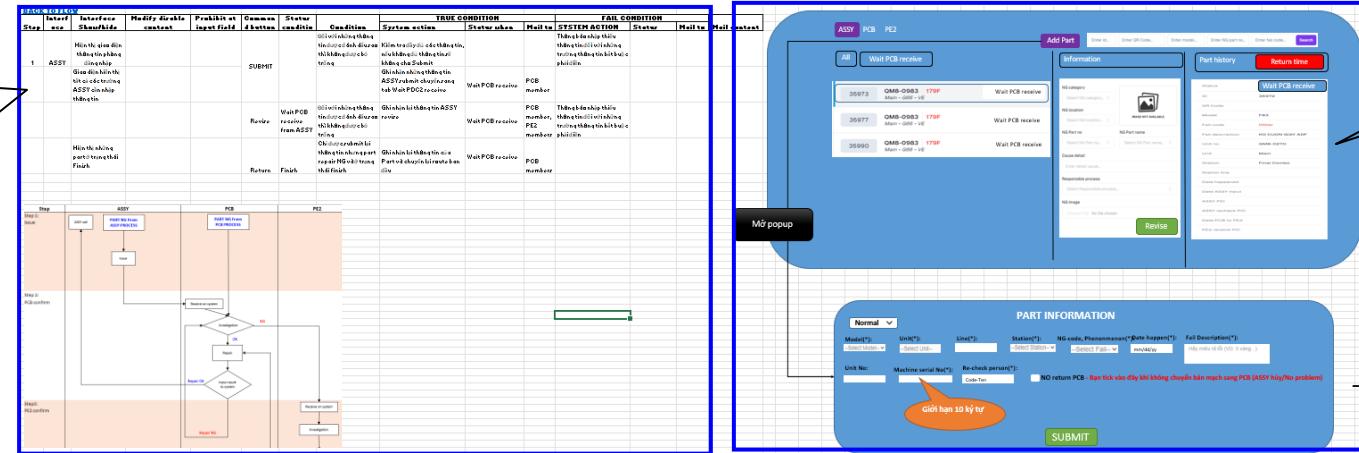
TIDB app

Detail explanation for interface:

- Function
- Flow
- System action
- Condition for command button
-

Old method

Draw by excel



New method

Design by Lunacy



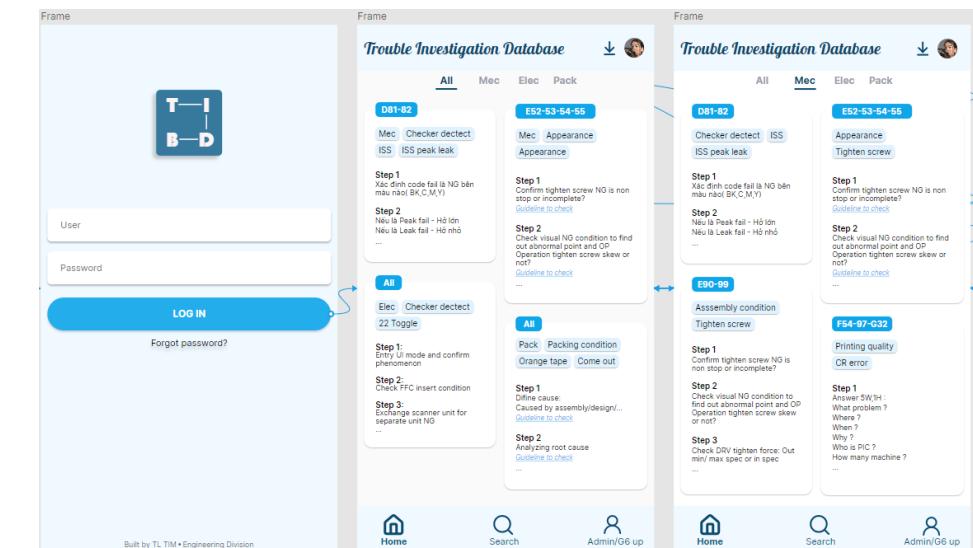
No need detail explanation for interface



Standardize fields (font, size, gap, color...)



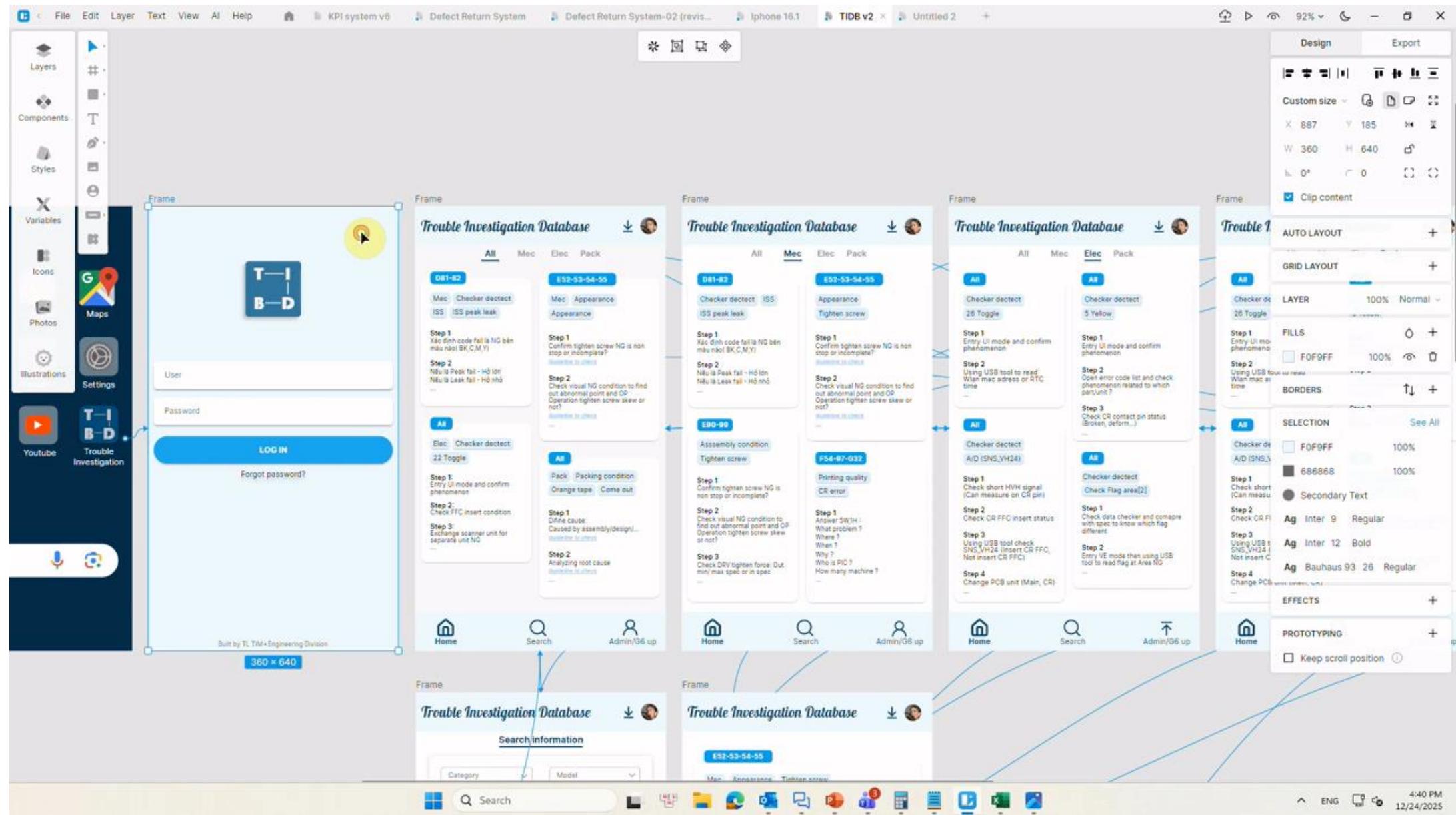
Connect function, button,... by
Prototyping (Lunacy function)



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III. Result

Finish design for TIDB mobile application

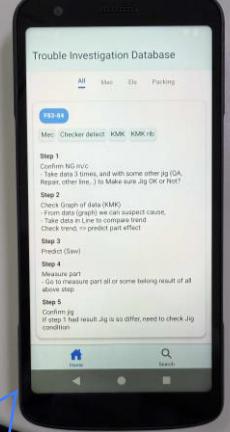
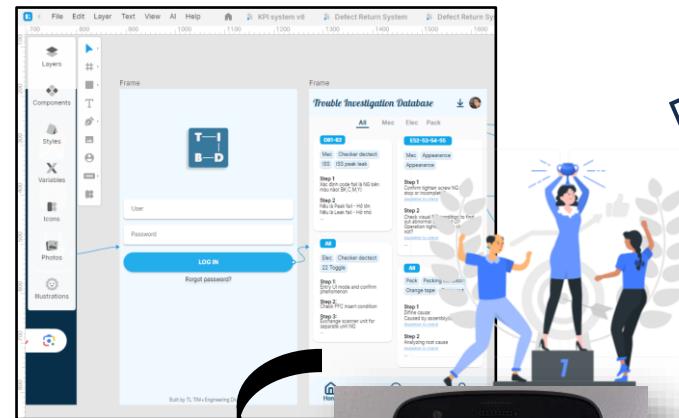


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III. Result

Merit

Finished interface
within 1 month

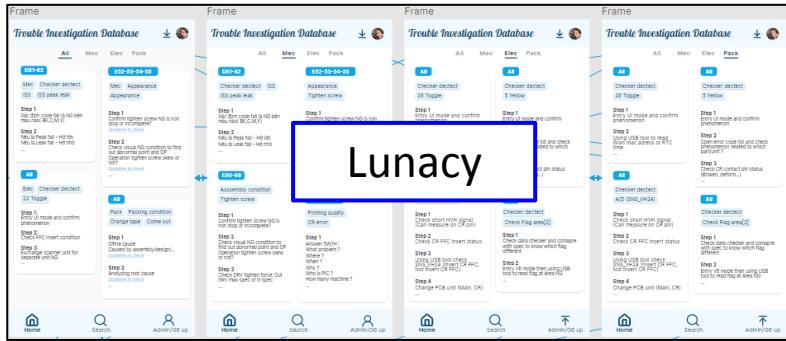


Launching after 4 months
design and coding

Coder

Coder easy to thinking interface

Using direct code export from Lunacy



CSS

```
#home {  
    position: absolute;  
    left: 28px;  
    top: 620px;  
    width: 32px;  
    height: 14px;  
    font-family: 'Inter';  
    font-style: normal;  
    font-weight: 700;  
    font-size: 11px;  
    line-height: 13px;  
    white-space: nowrap;  
    text-align: center;  
    color: #075985;  
}
```

SID members

Save 2 months for making system

Improve design skill

**Saving
~900\$/system**

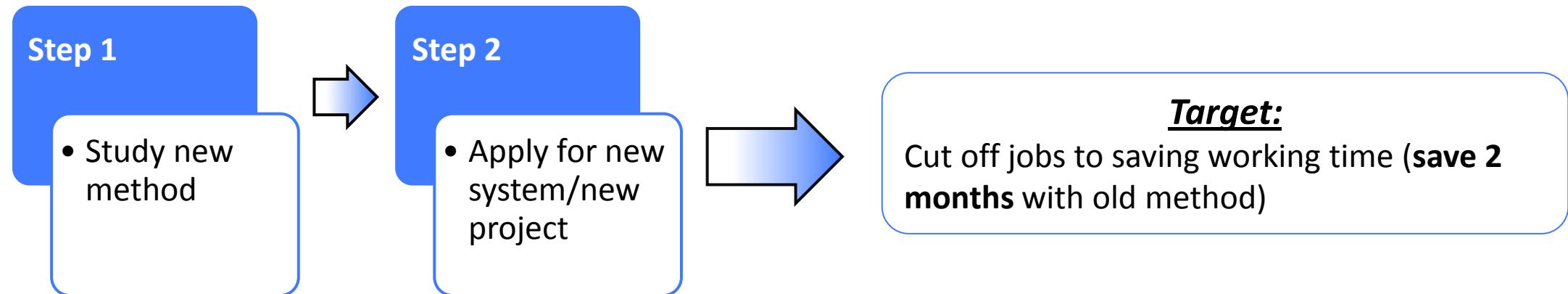
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IV. Next plan



II. Detail actions

❖ Concept

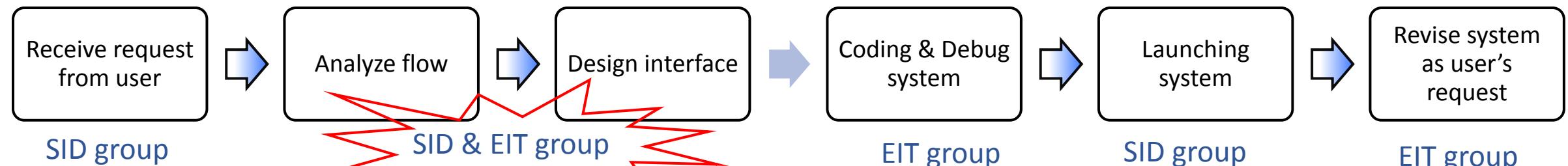


❖ Detail

Step 1: Study new method

Option 1

Draw interface with EIT group by Excel, Power point



Advantage

- ✓ Reduce explain time to EIT group

Disadvantage



Coder difficult when change from Excel, Power point to coding