

Promotion E10

Problems

Solutions -> Outcomes

Cases

# Vikings 的困境

產品交付速度慢

維運負擔重

## 產品交付速度慢

前端與主流技術脫節，團隊無法維運，公車指數低

前後端程式一起開發，增加開發的複雜度與人為錯誤率

難以運用外部設計資源，新 feature 自己切版就要 1 Sprint

前端難以使用現成資源，預估新 feature 要花上 2 Sprint

其他成員無法協助，造成 Sprint fail

## 維運負擔重

人工流程多，維運不易，出錯率高

後台工具四散各處，增加維護成本

各方都在修改同個系統，增加出錯機率

重大 Issue 的後續處理程序麻煩，容易造成連帶影響

# Solutions

# 1. 重寫前端架構

團隊能夠維運現有產品，公車指數上升

前後端程式分離，開發中的錯誤與衝突降為 0

運用外部設計資源，新 feature 切版只花 0.5 天

使用外部現成工具，重構與新 feature 只花 1 Sprint

團隊能夠共同開發前端，幫助 Sprint 成功

方便增加後台工具，降低維運負擔與出錯率

*Analyze possible solutions, Independent and self-directed,  
Positive impact, Major contributions/impact to Product & Team*

選擇部門常用技術 -> 便於部門交流與互相支援

選擇易於使用、文件完整的套件 -> 降低團隊的認知負擔，建立信心

功能完整的套件 -> 提供 PO 更多選項，提升使用者體驗

容易添加新功能 -> 優化開發與維運速度，新 feature 只花 1~2 天

生態圈活躍 -> 技術持續支援，減輕維運壓力



## 2. 提升團隊前端能力

團隊能夠維運前端，持續提高公車指數

團隊共同開發，Sprint 成功率上升

自由增添後台工具，降低維運負擔與出錯率

*Positive impact, Provide guidance/training,  
Major contributions/impact to Product & Team*

解說基本前端知識 -> 建立基本概念

與成員 Pair 前端 -> 熟悉前端框架、運作模式

Code Review 著重注意事項與應用重點 -> 團隊能夠處理 50% 前端 item

分享前端新技術方向 -> 讓團隊了解前端最新發展，討論技術選擇

前端教學 -> 可以處理簡單的前端 issue

### 3. 提升個人 E2E 能力

*Independent and self-directed, Positive impact,  
Major contributions/impact to Team*

協助設計後台管理畫面 -> 節省等待設計稿時間，協助團隊快速交付產品

## 4. 自動化

*Independent and self-directed, Strong knowledge,  
Major contributions/impact to Product*

撰寫維運工具 -> 降低 Issue 查找與處理的時間

# BO Site & 後台

## 經過架構重寫

- 新頁面開發時間，從三天到半天
- 畫面元素重複使用，切版時間從 2 天降為 1 小時
- 新人可以直接上手
- 添加維運小工具的難度降低許多

*Analyze possible solutions,  
Independent and self-directed,*

Report

Report

Operator's Win/Lose

Win/Lose Report

Win/Lose by Player

Report

Query

Ballet Betting List

Ballet Transaction

Settings

Management

### Win/Lose Report

Date (Within 31 days)

Start at 00:00:00

2023-12-04

End at 23:59:59

2023-12-04

Operator

Select Operator

All

Game Provider

Select Game Provider

Tenda

Include Test Account

SEARCH

The currency with prefix 'k' means the ratio was 1:1000

XiaoXiang

tt

GMT -3.0

Total Bet Count 321

Total Active Player 4

Currency	Bet Count	Valid Turnover	Operator Win / Lose	Player W
BRL	321	87,690.00	-20,148.00	2

SBOBETStaging500999

tt

GMT -4.0

Total Bet Count 4

Total Active Player 1

Currency	Bet Count	Valid Turnover	Operator Win / Lose	Player W
EUR	4	877.54	-29.07	

568Win

tt

GMT -4.0

Total Bet Count 5

Total Active Player 3

Currency	Bet Count	Valid Turnover	Operator Win / Lose	Player W
THB	5	308.40	290.40	13

Operator Name \*

Accept number or alphabet

Please enter characters and numbers only

Server Callback URL

If you're adding a sub-line under a seamless wallet master, please enter URL

Please enter url with "http://" or "https://"

API IP Whitelist Address

You haven't added any IP address yet

We will allow Master's IP: 210.61.48.230 210.61.48.230 122.146.58.49 35.194.208.47

61.66.78.209 210.61.48.230 210.242.250.151 122.146.59.233 210.61.48.230

34.80.38.181 61.64.1.215 203.69.143.74

! Please notify Funky Support if k-currency is needed.

CANCEL

CREATE

# BO Site & 後台

## 提升團隊前端能力

- 成員可以獨立完成
- 簡單小問題的修復
- 後台工具添加容易

*Make positive impact to the team,  
Provide guidance/training to Juniors*

# Check sum API

## 撰寫維運工具

- 錯帳時，同步兩邊資料的成本，  
從 PD 操作 1 小時，處理 1 天的注單量，  
到 PD 執行程式，每小時處理 9 天的注單量

*Independent and self-directed, Strong Knowledge,  
Make positive impact to the Product*

## 維運官網

載入速度過慢，推廣成效打折

與 ID 合作經常重工

ID 與 Vikings 開發習慣不同，產品開發 Guideline 不明確



# Solutions

- 優化圖片載入速度  
效能分數從 40 至 90 以上
- 與 ID 明定開發流程  
重工次數 3 降為 0
- 與 ID Code Review，並溝通開發習慣  
維持程式一致品質

# 挑戰

1. 前端教學

2. UI UX

持續學習

補充

Mon	Tue	Wed	Thu	Fri
27	28	29	Arcade 0.10% 30 Slots 0.50% Keno 0.20% Fish 0.20% Mini 0.20%	Arcade 0.10% Slots 0.50% Keno 0.20% Fish 0.20% Mini 0.20%
Arcade 0.10% 04 Slots 0.50% Keno 0.20% Fish 0.20% Mini 0.20%	Arcade 0.10% 05 Slots 0.50% Keno 0.20% Fish 0.20% Mini 0.20%	Arcade 0.10% 06 Slots 0.50% Keno 0.20% Fish 0.20% Mini 0.20%	Arcade 0.10% 07 Slots 0.50% Keno 0.20% Fish 0.20% Mini 0.20%	Arcade 0.10% Slots 0.50% Keno 0.20% Fish 0.20% Mini 0.20%
Arcade 0.10% 11 Slots 0.50% Keno 0.20% Fish 0.20% Mini 0.20%	Arcade 0.10% 12 Slots 0.50% Keno 0.20% Fish 0.20% Mini 0.20%	Arcade 0.10% 13 Slots 0.50% Keno 0.20% Fish 0.20% Mini 0.20%	Arcade 0.10% 14 Slots 0.50% Keno 0.20% Fish 0.20% Mini 0.20%	Arcade 0.10% Slots 0.50% Keno 0.20% Fish 0.20% Mini 0.20%
Arcade 0.10% 18 Slots 0.50% Keno 0.20% Fish 0.20% Mini 0.20%	Arcade 0.10% 19 Slots 0.50% Keno 0.20% Fish 0.20% Mini 0.20%	Arcade 0.10% 20 Slots 0.50% Keno 0.20% Fish 0.20% Mini 0.20%	Arcade 0.10% 21 Slots 0.50% Keno 0.20% Fish 0.20% Mini 0.20%	Arcade 0.10% Slots 0.50% Keno 0.20% Fish 0.20% Mini 0.20%
Arcade 0.10% 25 Slots 0.50% Keno 0.20% Fish 0.20% Mini 0.20%	Arcade 0.10% 26 Slots 0.50% Keno 0.20% Fish 0.20% Mini 0.20%	Arcade 0.10% 27 Slots 0.50% Keno 0.20% Fish 0.20% Mini 0.20%	Arcade 0.10% 28 Slots 0.50% Keno 0.20% Fish 0.20% Mini 0.20%	Arcade 0.10% Slots 0.50% Keno 0.20% Fish 0.20% Mini 0.20%
01	02	03	04	

Funky 帳務系統的維運負擔

# Rebate setting

- 自己設計畫面，1 sprint 完成

# 發票

- 提出第一階段維運問題，第二階段獲得解決
- 開發前端頁面，根據維運經驗，幫助 PO 簡化 GP 設定流程
- 獨立開發 GP 發票設定功能

Select an operator

Select an operator

Select an setting type

Select an setting type

Target Month

2023 December

Select an target month

Billing To

Billing target

The billing target.

Ship To (Name)

Ship to name

The person this invoice send to.

Ship to (Email)

Ship to email

The email address to send this invoice.

Target currency

Select target currency

Select target currency.

Exchange Rate Mode

Select the exchange rate type

Select the applying date of exchange rate .

Round Off Mode

Select the round off mode

Select the way to round off.

☐ Separate winlose by subline.  
The invoice will show the winlose by every individual sublines.

Profit Sharing Mode

Game Provider

Currency

Game Provider

Deposit

Withdraw 0

50.05

 Remaining Rollover 0.00

chai

Last Name

jun xian

Maybank

112558206406

50

\* Your withdrawable amount is lower than the min limit.

correct bank account and account name for withdraw, after settlement it will dire  
i will be able to withdraw after fulfilling the Rollover conditions. You could subm  
est per day.

By Confirm, you agree

d tag

Type # for canned responses

## Remain Rollover

- 增加並簡化各個活動的 Remain Rollover 計算規則
- 測試保護
- 向 Akira 講解 Domain

*Analyze possible solutions,  
Strong knowledge,  
Independent and self-directed,  
Positive impact*

# 匯率

- 更新程式並增加畫面，簡化流程  
減少 80% 補缺的時間
- 優化更新匯率功能  
XE 使用次數從所有幣別節省為單一幣別
- 另外處理客製化的幣別，預防人為疏失  
停止占用 XE 使用次數  
避免人工複製的操作錯誤

Currency	Target Currency	Month Avg Rate	Day Avg Rate	Last 30 Avg Rate
AED	MYR	1.278170078	1.2688542	1.2688542
ALL	MYR	0.048793879	0.050000866	0.050000866
AMD	MYR	0.011699278	0.011625311	0.011625311
ARS	MYR	0.013306946	0.012926547	0.012926547
AUD	MYR	3.047036039	3.07857423	3.07857423
BAM	MYR			2.595108782
BDT	MYR			0.042268883
BGN	MYR			2.595108782
BND	MYR			3.485158686
BOB	MYR			0.674378164
BRL	MYR			0.946208261
BWP	MYR	0.347402259	0.345982095	0.345982095
BYN	MYR	1.423689607	1.414265283	1.414265283
BZD	MYR	2.332175126	2.312363825	2.312363825
CAD	MYR	3.42220688	3.43713109	3.43713109
CDF	MYR	0.001783502	0.001744728	0.001744728
CHF	MYR	5.261356338	5.32655361	5.32655361
CLP	MYR	0.005300083	0.005352482	0.005352482

Upload Exchange Rate

Please enter date and currency to sync exchange rate.

Check Date

2023-11-30

Currency

EUR

CANCEL

SUBMIT



## 介接 VA 與 AK

- 來回溝通確認雙方的認知差距
- AK 文件前後矛盾
- 請第三方更改 Spec 回傳必要參數
- 降低我方系統的複雜度
- 開發 Resettle 流程

*Strong knowledge,  
Independent and self-directed,  
Positive impact,*

下午 07:05

OK, we should add new field where we will provide such information.

But when cancel-transaction, there's a 48 hour limit.

5d after session will be expired

Nikolay P · 2023/4/10

No. But you can take it when IFRAME loads in browser

Nikolay P · 2023/4/10

OK. And is there any country code list we can reference when getting response from user-info?

Do you mean time on server?

Nikolay P · 2023/4/10

We need a timestamp that can be used to reconcile bets with you.

NP

Nikolay · 下午 07:11

But when cancel-transaction, there's a 48 hour limit.

Pixar Support · 2023/4/10

yep, missed details. yes the canceling of bet guaranteed for 48h and rest of operation 5d

OK. And is there any country code list we can reference when getting response from user-info?

Pixar Support · 2023/4/10

You talking about some countries directory. We don't have such API. But our country codes should follow ISO 3166 ALPHA-2 code. Upper-case.

We need a timestamp that can be used to reconcile bets with you.

Pixar Support · 2023/4/10

OK, we should add new field where we will provide such information.

下午 07:38

You talking about some countries directory. We don't have such API. But our country codes should follow ISO 3166 ALPHA-2 code. Upper-case.

Nikolay P · 2023/4/10

OK.