

SUBCAL

不會再忘記訂閱了什麼奇怪的服務

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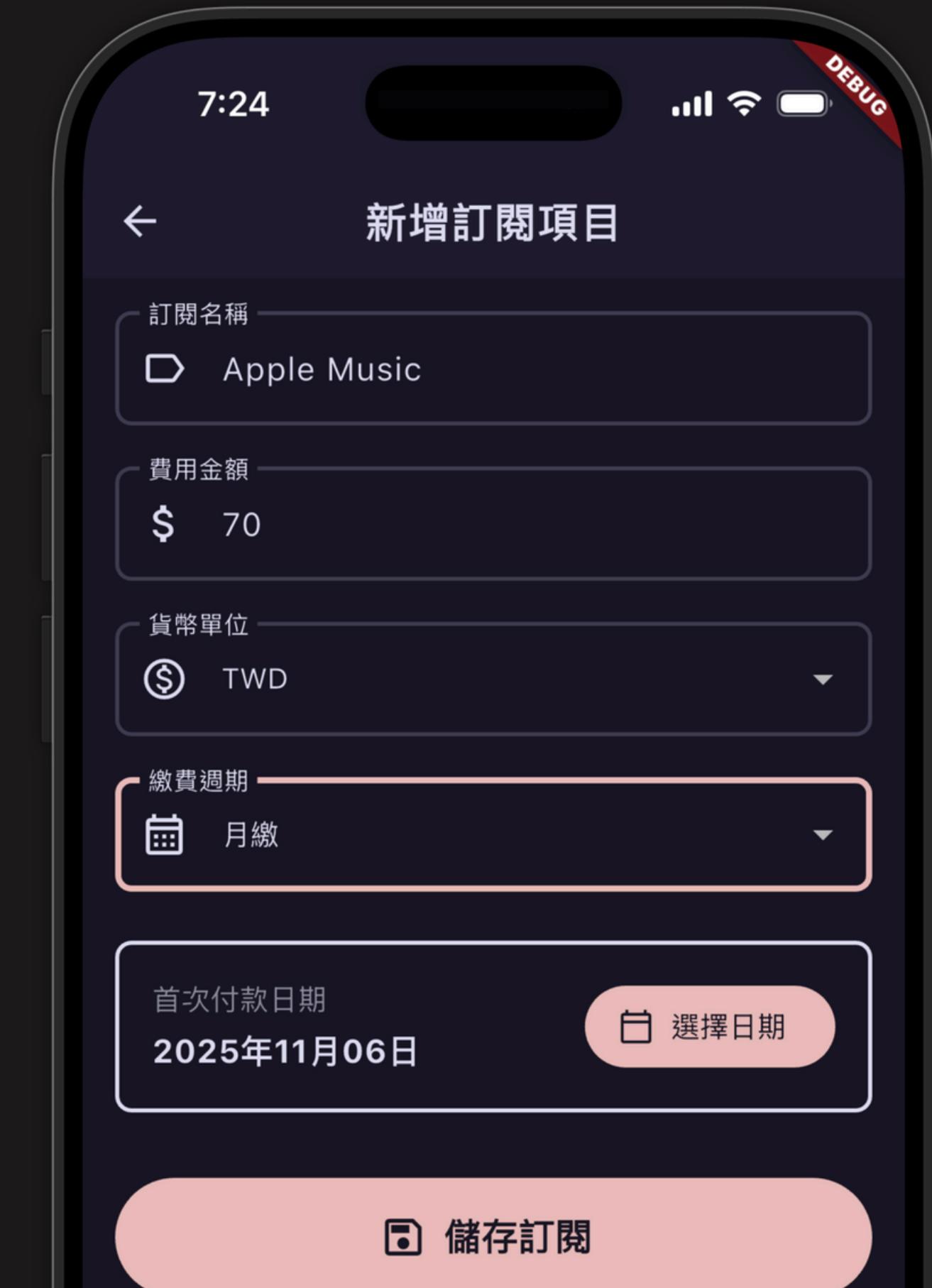
專案介紹



SUBCAL 是一款用來記錄網路訂閱服務的 APP
使用者可以將有訂閱的服務紀錄在 APP 內
APP 會記錄每月、總年花費，和日曆付費
讓使用者不再發生突然信用卡被扣款
卻不知道是訂閱了什麼服務

功能介紹

新增訂閱項目，可自訂名稱、費用、貨幣單位等
也可以設定繳費週期，讓記帳變得更容易！





功能介紹

所有訂閱項目一目瞭然！



我的訂閱項目

- | | | |
|--|-------------|----------------|
| | Apple Music | TWD70 |
| | 週期: 月繳 | 下次: 2025/12/06 |
| | 威威孟孟親筆信 | TWD67 |
| | 週期: 月繳 | 下次: 2025/12/18 |
| | ChatGPT | TWD2,400 |
| | 週期: 年繳 | 下次: 2026/07/22 |

+ 新增訂閱



列表



日曆

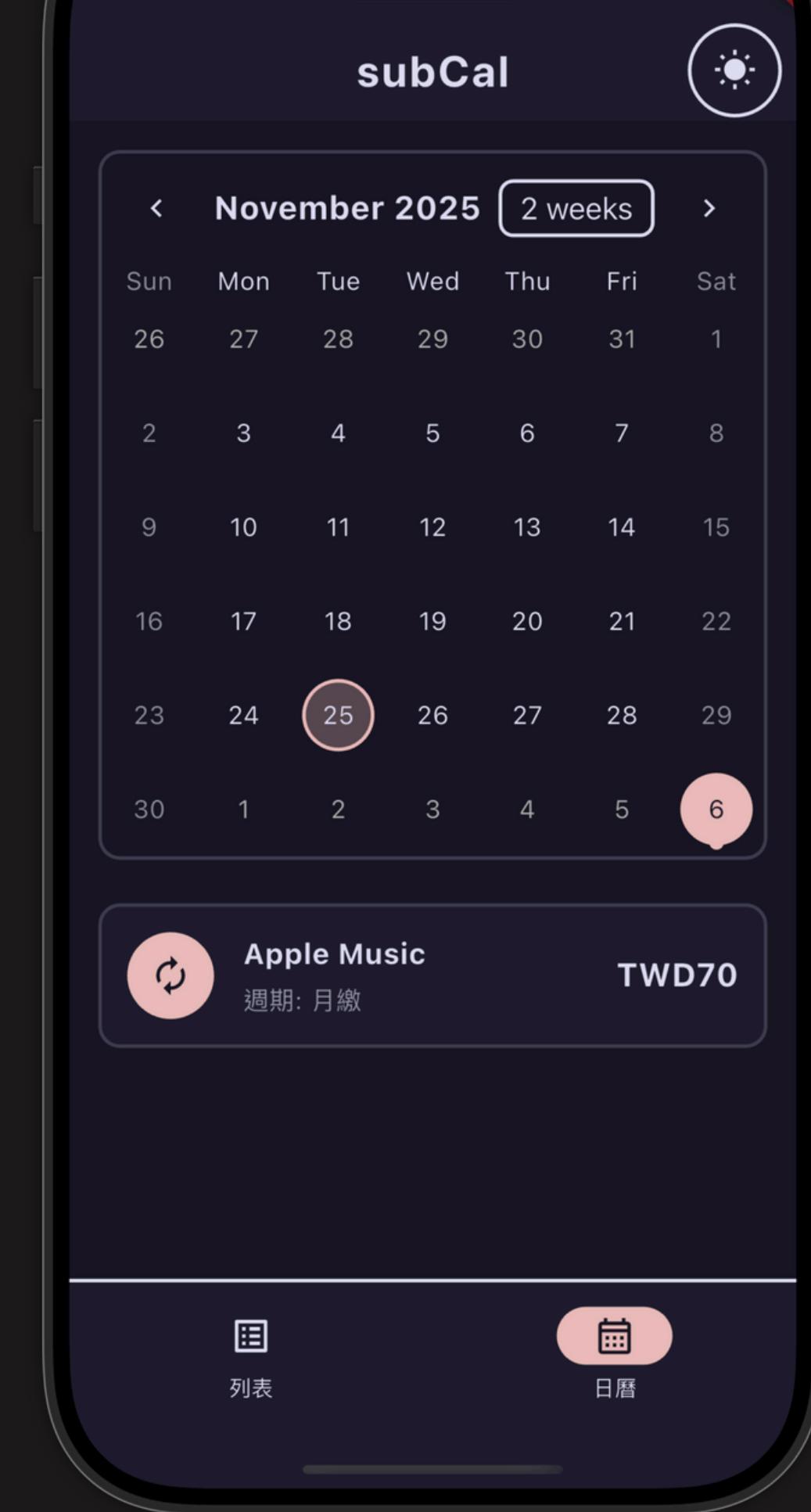
功能介紹

輕鬆刪除訂閱項目
二次確認讓使用者不會誤觸



功能介紹

透過日曆查看下次付費時間

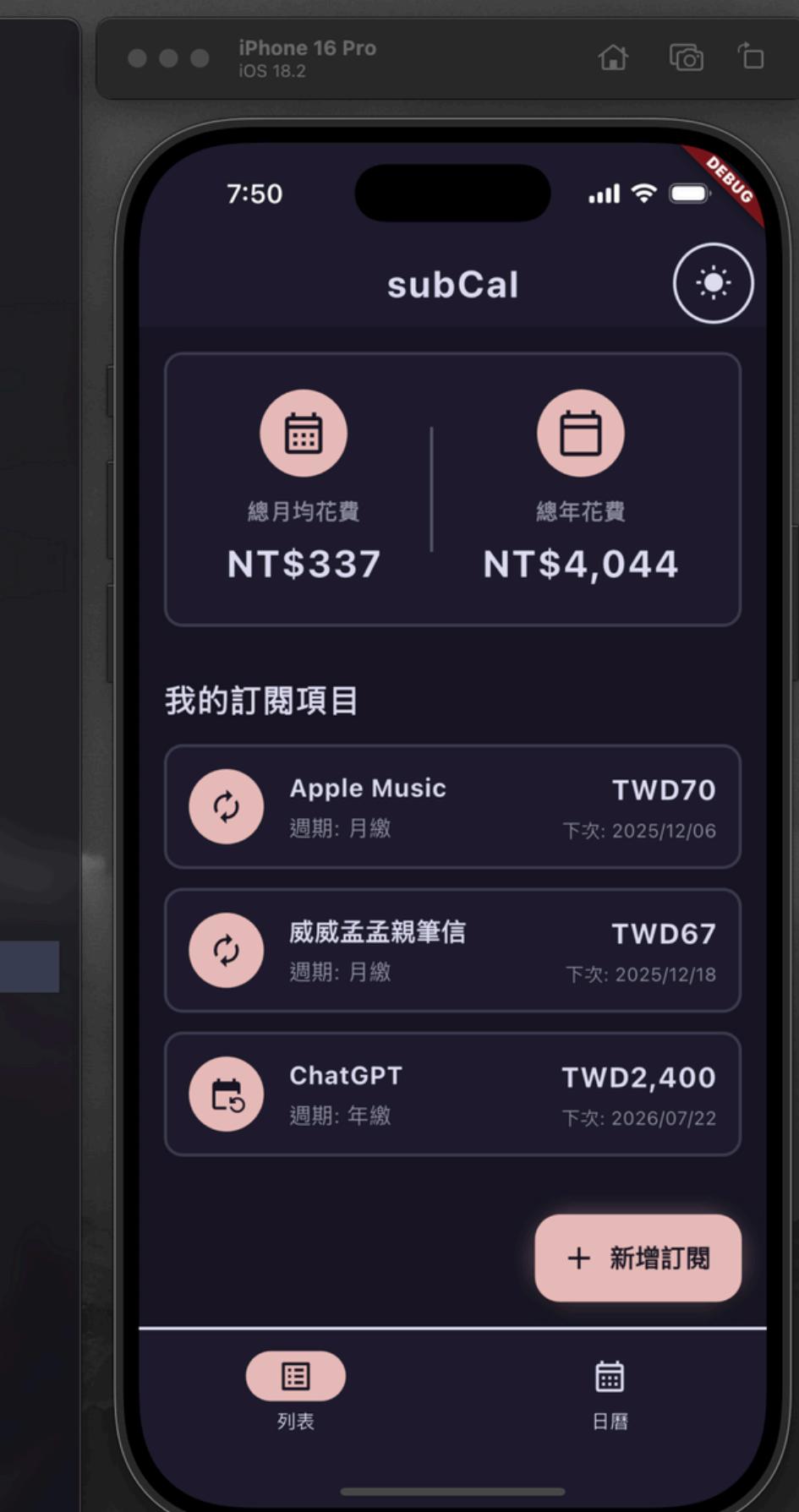


功能介紹

LIGHT MODE & DARK MODE!!!!



```
17 import 'package:flutter/material.dart';
16 import 'package:intl/intl.dart';
15 import 'package:table_calendar/table_calendar.dart';
14 import 'package:shared_preferences/shared_preferences.dart';
13
12 // --- 資料模型 (Data Model) ---
11
10 /// 訂閱項目的資料結構
9 class Subscription {
8   final String id;
7   final String name;
6   final double cost;
5   final String currency;
4   final BillingCycle cycle;
3   final DateTime startDate; // 第一筆付款的日期
2
1
Subscription({
18   required this.id,
1   required this.name,
2   required this.cost,
3   required this.currency,
4   required this.cycle,
5   required this.startDate,
6 });
7
8   /// 根據當前日期計算下一次付款日期
9   DateTime get nextPaymentDate {
10     DateTime now = DateTime.now();
11     DateTime nextDate = startDate;
12 }
```



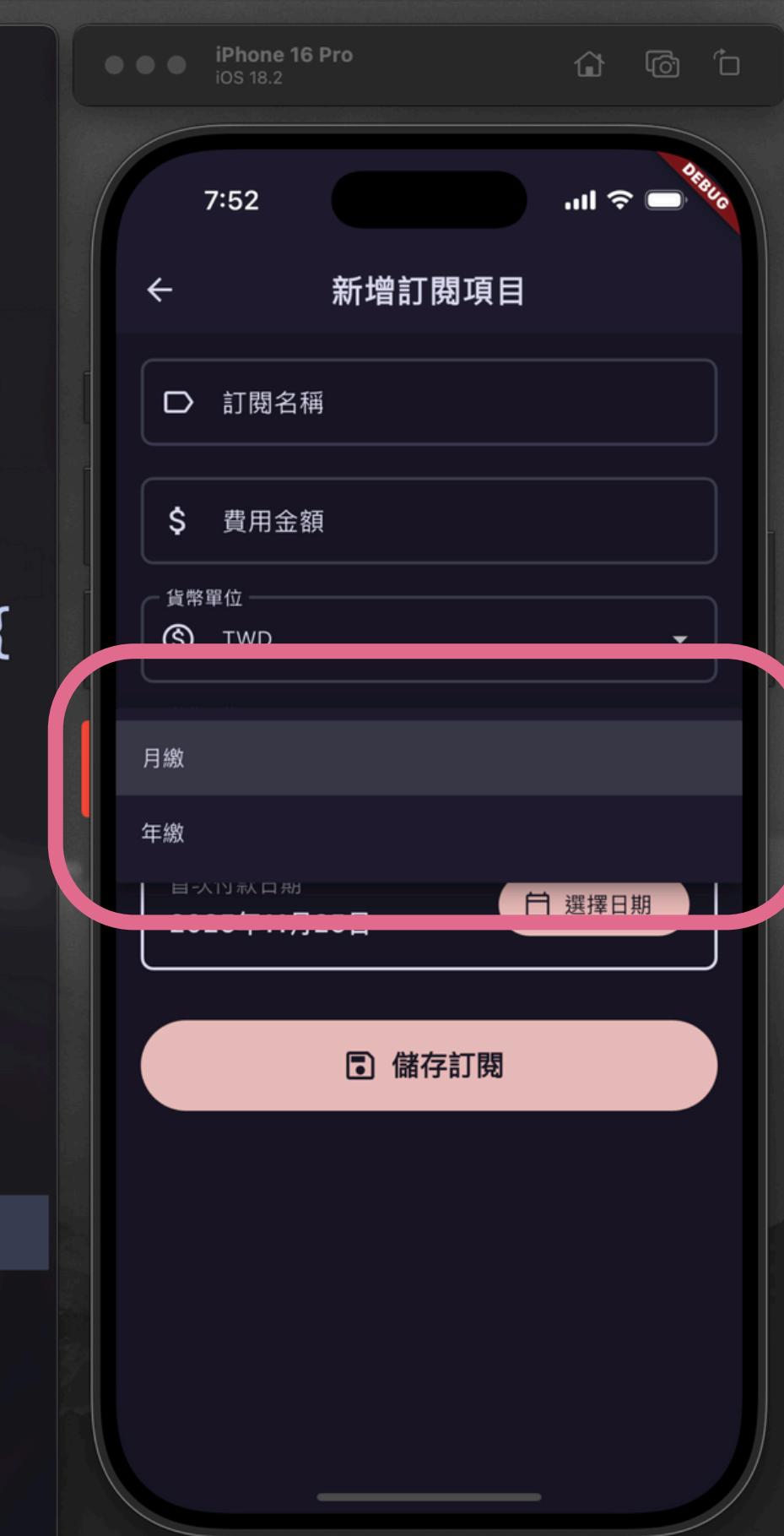
程式介紹

```
29
28     /// 根據當前日期計算下一次付款日期
27     DateTime get nextPaymentDate {
26         DateTime now = DateTime.now();
25         DateTime nextDate = startDate;
24
23         // 讓 nextDate 往後推移，直到它超過或等於今天
22         while (nextDate.isBefore(other: now)) {
21             if (cycle == BillingCycle.monthly) {
20                 // 月繳：加一個月
19                 nextDate = DateTime(year: nextDate.year, month: nextDate.month + 1, day: nextDate.
day);
18             } else {
17                 // 年繳：加一年
16                 nextDate = DateTime(year: nextDate.year + 1, month: nextDate.month, day: nextDate.
day);
15             }
14         }
13         return nextDate;
12     }
11
10     /// 獲取未來12個月的所有付款日期
9         List<DateTime> getAllUpcomingPaymentDates() {
8             List<DateTime> dates = <DateTime>[];
7             DateTime current = nextPaymentDate;
6             DateTime limit = DateTime.now().add(duration: const Duration(days: 365));
5
4             while (current.isBefore(other: limit)) {
3                 dates.add(value: current);
2                 if (cycle == BillingCycle.monthly) {
1                     current = DateTime(year: current.year, month: current.month + 1, day: current.day);
54                 } else {
1                     current = DateTime(year: current.year + 1, month: current.month, day: current.day);
2                 }
3             }
4         }
return dates;
NORMAL <main.dart > Subscription f getAllUpcomingPaymentDates gj ⏺ 23 3% 54:14 ⏺ 19:51
osga@OsGa-mbp app 0:nvim*M 1:dart- ⏺ 19:51:24 ⏺ 2025-11-25
```



程式介紹

```
15    }
14 }
13
12 /// 帳單週期
11 enum BillingCycle { monthly, annually }
10
9 // 擴充 Enum 來提供更友好的顯示名稱
8 extension BillingCycleExtension on BillingCycle {
7     String get displayName {
6         switch (this) {
5             case BillingCycle.monthly:
4                 return '月繳';
3             case BillingCycle.annually:
2                 return '年繳';
1             }
79     }
1 }
2
3 // --- Theme Provider ---
4
```



程式介紹

```
4  
3 // --- 應用程式主頁面 (Home Page) ---  
2  
1 class SubscriptionHomePage extends StatefulWidget {  
307    final ThemeProvider themeProvider;  
4  
5    const SubscriptionHomePage({super.key, required this.themeProvider});  
6  
7    @override  
8    State<SubscriptionHomePage> createState() => _SubscriptionHomePageState();  
9  
10   class _SubscriptionHomePageState extends State<SubscriptionHomePage> {  
11       int _selectedIndex = 0;  
12  
13       // 示範用的初始數據  
14       List<Subscription> _subscriptions = <Subscription>[  
15           Subscription(  
16               id: '1',  
17               name: 'Netflix',  
18               cost: 330.0,  
19               currency: 'TWD',  
20               cycle: BillingCycle.monthly,  
21               startDate: DateTime(year: 2024, month: 10, day: 15),  
22           ), // Subscription  
23           Subscription(  
24               id: '2',  
25               name: 'Google One (2TB)',  
26               cost: 3300.0,  
27               currency: 'TWD',  
28               cycle: BillingCycle.annually,  
29               startDate: DateTime(year: 2024, month: 7, day: 1),  
30           ), // Subscription  
31       ];  
32  
33       @override  
34       void initState() {  
35           super.initState();  
36           _subscriptions.add(Subscription(  
37               id: '3',  
38               name: 'Amazon Prime Video',  
39               cost: 200.0,  
40               currency: 'TWD',  
41               cycle: BillingCycle.annually,  
42               startDate: DateTime(year: 2024, month: 1, day: 1),  
43           ));  
44           _subscriptions.add(Subscription(  
45               id: '4',  
46               name: 'Disney+',  
47               cost: 300.0,  
48               currency: 'TWD',  
49               cycle: BillingCycle.annually,  
50               startDate: DateTime(year: 2024, month: 1, day: 1),  
51           ));  
52           _subscriptions.add(Subscription(  
53               id: '5',  
54               name: 'Hulu',  
55               cost: 150.0,  
56               currency: 'TWD',  
57               cycle: BillingCycle.annually,  
58               startDate: DateTime(year: 2024, month: 1, day: 1),  
59           ));  
60           _subscriptions.add(Subscription(  
61               id: '6',  
62               name: 'HBO Now',  
63               cost: 250.0,  
64               currency: 'TWD',  
65               cycle: BillingCycle.annually,  
66               startDate: DateTime(year: 2024, month: 1, day: 1),  
67           ));  
68           _subscriptions.add(Subscription(  
69               id: '7',  
70               name: 'HBO Max',  
71               cost: 150.0,  
72               currency: 'TWD',  
73               cycle: BillingCycle.annually,  
74               startDate: DateTime(year: 2024, month: 1, day: 1),  
75           ));  
76           _subscriptions.add(Subscription(  
77               id: '8',  
78               name: 'HBO Now + Max',  
79               cost: 400.0,  
80               currency: 'TWD',  
81               cycle: BillingCycle.annually,  
82               startDate: DateTime(year: 2024, month: 1, day: 1),  
83           ));  
84           _subscriptions.add(Subscription(  
85               id: '9',  
86               name: 'HBO Now + Max + Disney+',  
87               cost: 600.0,  
88               currency: 'TWD',  
89               cycle: BillingCycle.annually,  
90               startDate: DateTime(year: 2024, month: 1, day: 1),  
91           ));  
92           _subscriptions.add(Subscription(  
93               id: '10',  
94               name: 'HBO Now + Max + Disney + Hulu',  
95               cost: 800.0,  
96               currency: 'TWD',  
97               cycle: BillingCycle.annually,  
98               startDate: DateTime(year: 2024, month: 1, day: 1),  
99           ));  
100      );  
101  }  
102  
103  @override  
104  void didChangeDependencies() {  
105      super.didChangeDependencies();  
106      themeProvider = Provider.of<ThemeProvider>(context);  
107  }  
108  
109  @override  
110  void dispose() {  
111      super.dispose();  
112      themeProvider.dispose();  
113  }  
114  
115  void _onTabSelected(int index) {  
116      setState(() {  
117          _selectedIndex = index;  
118      });  
119  }  
120  
121  @override  
122  Widget build(BuildContext context) {  
123      return Scaffold(  
124          appBar: AppBar(  
125              title: Text('subCal'),  
126              actions: [  
127                  IconButton(onPressed: () {}, icon: Icon(Icons.brightness_1)),  
128              ],  
129          ),  
130          body: SafeArea(  
131              child: Column(  
132                  children: [  
133                      Container(  
134                          padding: EdgeInsets.all(16),  
135                          margin: EdgeInsets.all(16),  
136                          decoration: BoxDecoration(  
137                              color: Colors.white,  
138                              border: Border.all(  
139                                  color: Colors.grey.shade300,  
140                                  width: 1,  
141                              ),  
142                              borderRadius: BorderRadius.circular(8),  
143                          ),  
144                          child: Row(  
145                              mainAxisAlignment: MainAxisAlignment.spaceEvenly,  
146                              children: [  
147                                  Container(  
148                                      padding: EdgeInsets.all(12),  
149                                      decoration: BoxDecoration(  
150                                          color: Colors.white,  
151                                          border: Border.all(  
152                                              color: Colors.grey.shade300,  
153                                              width: 1,  
154                                          ),  
155                                          borderRadius: BorderRadius.circular(12),  
156                                      ),  
157                                      child: Column(  
158                                          mainAxisAlignment: MainAxisAlignment.spaceEvenly,  
159                                          children: [  
160                                              Container(  
161                                                  padding: EdgeInsets.all(4),  
162                                                  child: Icon(Icons.calendar_today),  
163                                              ),  
164                                              Text('總月均花費'),  
165                                              Text('NT$337'),  
166                                          ],  
167                                      ),  
168                                  ),  
169                                  Container(  
170                                      padding: EdgeInsets.all(12),  
171                                      decoration: BoxDecoration(  
172                                          color: Colors.white,  
173                                          border: Border.all(  
174                                              color: Colors.grey.shade300,  
175                                              width: 1,  
176                                          ),  
177                                          borderRadius: BorderRadius.circular(12),  
178                                      ),  
179                                      child: Column(  
180                                          mainAxisAlignment: MainAxisAlignment.spaceEvenly,  
181                                          children: [  
182                                              Container(  
183                                                  padding: EdgeInsets.all(4),  
184                                                  child: Icon(Icons.calendar_today),  
185                                              ),  
186                                              Text('總年花費'),  
187                                              Text('NT$4,044'),  
188                                          ],  
189                                      ),  
190                                  ),  
191                              ],  
192                          ),  
193                      ),  
194                      Container(  
195                          padding: EdgeInsets.all(16),  
196                          margin: EdgeInsets.all(16),  
197                          decoration: BoxDecoration(  
198                              color: Colors.white,  
199                              border: Border.all(  
200                                  color: Colors.grey.shade300,  
201                                  width: 1,  
202                              ),  
203                              borderRadius: BorderRadius.circular(8),  
204                          ),  
205                          child: Column(  
206                              children: [  
207                                  Container(  
208                                      padding: EdgeInsets.all(12),  
209                                      margin: EdgeInsets.all(8),  
210                                      decoration: BoxDecoration(  
211                                          color: Colors.white,  
212                                          border: Border.all(  
213                                              color: Colors.grey.shade300,  
214                                              width: 1,  
215                                          ),  
216                                          borderRadius: BorderRadius.circular(12),  
217                                      ),  
218                                      child: Row(  
219                                          mainAxisAlignment: MainAxisAlignment.spaceBetween,  
220                                          children: [  
221                                              Container(  
222                                                  padding: EdgeInsets.all(4),  
223                                                  child: Icon(Icons.repeat),  
224                                              ),  
225                                              Text('Apple Music'),  
226                                              Text('TWD70'),  
227                                              Text('週期: 月繳'),  
228                                              Text('下次: 2025/12/06'),  
229                                          ],  
230                                      ),  
231                                  ),  
232                                  Container(  
233                                      padding: EdgeInsets.all(12),  
234                                      margin: EdgeInsets.all(8),  
235                                      decoration: BoxDecoration(  
236                                          color: Colors.white,  
237                                          border: Border.all(  
238                                              color: Colors.grey.shade300,  
239                                              width: 1,  
240                                          ),  
241                                          borderRadius: BorderRadius.circular(12),  
242                                      ),  
243                                      child: Row(  
244                                          mainAxisAlignment: MainAxisAlignment.spaceBetween,  
245                                          children: [  
246                                              Container(  
247                                                  padding: EdgeInsets.all(4),  
248                                                  child: Icon(Icons.repeat),  
249                                              ),  
250                                              Text('威威孟孟親筆信'),  
251                                              Text('TWD67'),  
252                                              Text('週期: 月繳'),  
253                                              Text('下次: 2025/12/18'),  
254                                          ],  
255                                      ),  
256                                  ),  
257                                  Container(  
258                                      padding: EdgeInsets.all(12),  
259                                      margin: EdgeInsets.all(8),  
260                                      decoration: BoxDecoration(  
261                                          color: Colors.white,  
262                                          border: Border.all(  
263                                              color: Colors.grey.shade300,  
264                                              width: 1,  
265                                          ),  
266                                          borderRadius: BorderRadius.circular(12),  
267                                      ),  
268                                      child: Row(  
269                                          mainAxisAlignment: MainAxisAlignment.spaceBetween,  
270                                          children: [  
271                                              Container(  
272                                                  padding: EdgeInsets.all(4),  
273                                                  child: Icon(Icons.chat),  
274                                              ),  
275                                              Text('ChatGPT'),  
276                                              Text('TWD2,400'),  
277                                              Text('週期: 年繳'),  
278                                              Text('下次: 2026/07/22'),  
279                                          ],  
280                                      ),  
281                                  ),  
282                              ],  
283                          ),  
284                      ),  
285                      Container(  
286                          padding: EdgeInsets.all(16),  
287                          margin: EdgeInsets.all(16),  
288                          decoration: BoxDecoration(  
289                              color: Colors.white,  
290                              border: Border.all(  
291                                  color: Colors.grey.shade300,  
292                                  width: 1,  
293                              ),  
294                              borderRadius: BorderRadius.circular(8),  
295                          ),  
296                          child: Column(  
297                              children: [  
298                                  Container(  
299                                      padding: EdgeInsets.all(12),  
300                                      margin: EdgeInsets.all(8),  
301                                      decoration: BoxDecoration(  
302                                          color: Colors.white,  
303                                          border: Border.all(  
304                                              color: Colors.grey.shade300,  
305                                              width: 1,  
306                                          ),  
307                                          borderRadius: BorderRadius.circular(12),  
308                                      ),  
309                                      child: Row(  
310                                          mainAxisAlignment: MainAxisAlignment.spaceBetween,  
311                                          children: [  
312                                              Container(  
313                                                  padding: EdgeInsets.all(4),  
314                                                  child: Icon(Icons.list),  
315                                              ),  
316                                              Text('列表'),  
317                                              Container(  
318                                                  padding: EdgeInsets.all(4),  
319                                                  child: Icon(Icons.calendar_today),  
320                                              ),  
321                                              Text('日曆'),  
322                                          ],  
323                                      ),  
324                                  ),  
325                                  Container(  
326                                      padding: EdgeInsets.all(12),  
327                                      margin: EdgeInsets.all(8),  
328                                      decoration: BoxDecoration(  
329                                          color: Colors.white,  
330                                          border: Border.all(  
331                                              color: Colors.grey.shade300,  
332                                              width: 1,  
333                                          ),  
334                                          borderRadius: BorderRadius.circular(12),  
335                                      ),  
336                                      child: Row(  
337                                          mainAxisAlignment: MainAxisAlignment.spaceBetween,  
338                                          children: [  
339                                              Container(  
340                                                  padding: EdgeInsets.all(4),  
341                                                  child: Icon(Icons.add),  
342                                              ),  
343                                              Text('+ 新增訂閱'),  
344                                          ],  
345                                      ),  
346                                  ),  
347                              ],  
348                          ),  
349                      ),  
350                  ],  
351              ),  
352          ),  
353      );  
354  }
```



程式
式
介
紹

```
26     ];
25
24     /// 計算所有訂閱的總月費 (已轉換成年繳 / 12)
23     double get totalMonthlyCost {
22         double total = 0.0;
21         for (var Subscription sub in _subscriptions) {
20             if (sub.cycle == BillingCycle.monthly) {
29                 total += sub.cost;
28             } else {
27                 // 年繳平均到每月
26                 total += sub.cost / 12.0;
25             }
24         }
23         return total;
22     }

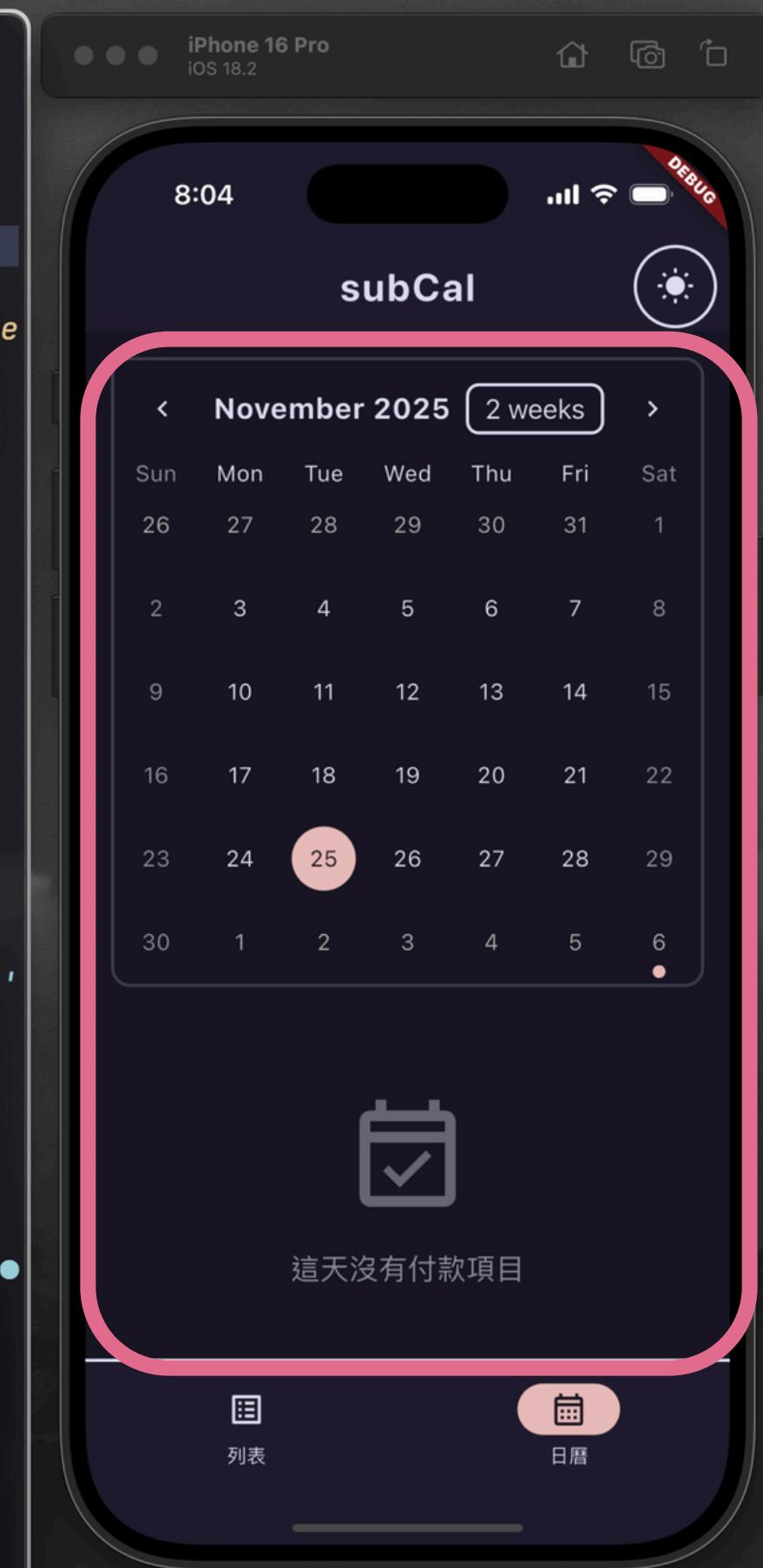
21     /// 計算所有訂閱的總年費
20     double get totalAnnualCost {
19         double total = 0.0;
18         for (var Subscription sub in _subscriptions) {
17             if (sub.cycle == BillingCycle.annually) {
16                 total += sub.cost;
15             } else {
14                 // 月繳乘以 12
13                 total += sub.cost * 12.0;
12             }
11         }
10     }
9
8
7
6
5
4
3
2
1
362
1
2
3
4
    }
    return total;
}

/// 導航到新增訂閱頁面
```



程式介紹

```
4           Expanded(child: _buildEventList()),
3         ],
2       ); // Column
1     }
681
1   Widget _buildEventList() {
2     final bool isDark = Theme.of(context: context).brightness == Brightness.dark; • The value of the
3
4     if (_selectedDay == null) {
5       return const Center(child: Text(data: '請選擇日期'));
6     }
7
8     final List<Subscription> events = _getEventsForDay(day: _selectedDay!);
9
10    if (events.isEmpty) {
11      return Center(
12        child: Column(
13          mainAxisAlignment: MainAxisAlignment.center,
14          children: <Widget>[
15            Icon(
16              icon: Icons.event_available_outlined,
17              size: 80,
18              color: Theme.of(context: context).colorScheme.onSurface.withOpacity(opacity: 0.4),
19            ), // Icon
20            const SizedBox(height: 16),
21            Text(
22              data: '這天沒有付款項目',
23              style: TextStyle(
24                fontSize: 18,
25                color: Theme.of(context: context).colorScheme.onSurface.withOpacity(opacity: 0.6),
26                fontWeight: FontWeight.w500,
27              ), // TextStyle
28            ), // Text
29          ],
30        ), // Column
31      ); // Center
32    }
33
34    return ListView.builder(
35      padding: const EdgeInsets.symmetric(horizontal: 16),
```



程式介紹

未來期望

第一次做完整的 **APP** 滿有趣的，從生活上的問題點下手開發實用的工具

透過這次的製作讓我對開發 **APP** 更感興趣，希望之後可以把這 **APP** 做得更完善

並且真的在日常生活中使用

目前想到可以添加的功能：

- 扣款通知提醒
- 共享訂閱
- 編輯已有訂閱項目
- 更多的自定義 **ICON** 等...

THANKS FOR LISTENING

osga24/subCal



1 Contributor 0 Issues 0 Stars 0 Forks



osga24/subCal
Contribute to osga24/subCal development by creating an account on GitHub.

 GitHub

專案連結



DEMO 影片