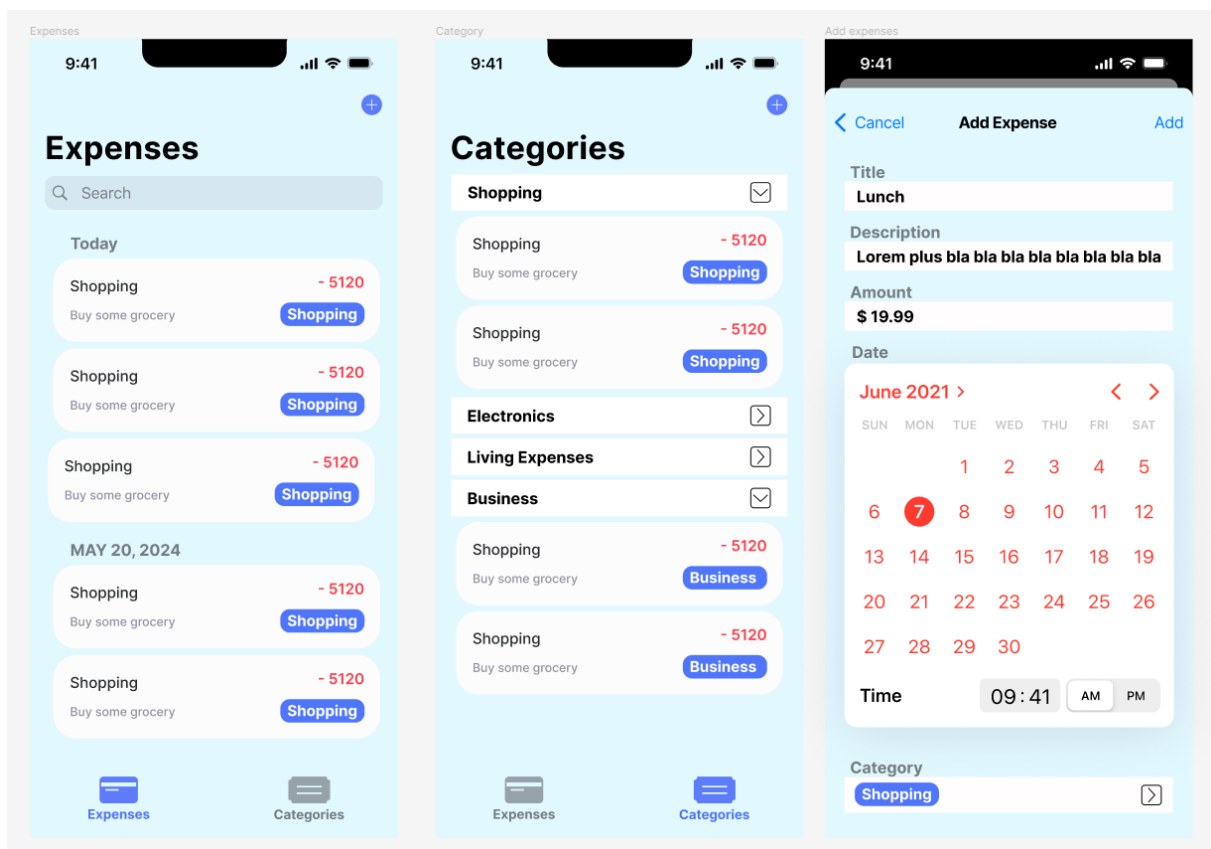


ExpenseTrackerIOS 중간 보고서

1 진행 사항

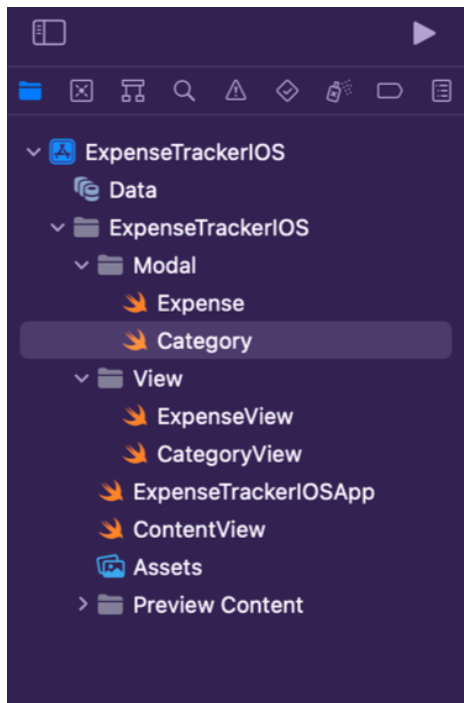
1.1 디자인

- Figma:
<https://www.figma.com/design/edwvffKvmTsljarQaGNtK0/ExpenseTrackerIOS?node-id=0-1&t=1JR2jvO8s7TW5z7O-1>



1.2 코드

- 프로젝트 구조



• 코드

```

1 //
2 // Expense.swift
3 // ExpenseTrackeriOS
4 //
5 // Created by jaxon on 2024/05/24.
6 //
7
8 import SwiftUI
9 import SwiftData
10
11 @Model
12 class Expense {
13     var title: String
14     var subTitle: String
15     var amount: Double
16     var date: Date
17     var category: Category?
18
19     init(title: String, subTitle: String, amount: Double, date: Date, category: Category? = nil) {
20         self.title = title
21         self.subTitle = subTitle
22         self.amount = amount
23         self.date = date
24         self.category = category
25     }
26 }
27

```

```

1 //
2 // Category.swift
3 // ExpenseTrackeriOS
4 //
5 // Created by jaxon on 2024/05/24.
6 //
7
8 import SwiftUI
9 import SwiftData
10
11 @Model
12 class Category {
13     var categoryName: String
14     @Relationship(deleteRule: .cascade, inverse: \Expense.category)
15     var expenses: [Expense]?
16
17     init(categoryName: String) {
18         self.categoryName = categoryName
19     }
20 }
21

```

```

1 //
2 // ExpenseView.swift
3 // ExpenseTrackerIOS
4 //
5 // Created by jaxon on 2024/05/24.
6 //
7
8 import SwiftUI
9
10 struct ExpenseView: View {
11     var body: some View {
12         NavigationStack {
13             List {
14
15             }
16             .navigationTitle("Expenses")
17             // New Category add button
18             .toolbar {
19                 ToolbarItem(placement: .toBarTrailing) {
20                     Button {
21
22                     } label: {
23                         Image(systemName: "plus.circle.fill").font(.title3)
24                     }
25                 }
26             }
27         }
28     }
29 }
30

```

```

1 //
2 // ContentView.swift
3 // ExpenseTrackerIOS
4 //
5 // Created by jaxon on 2024/05/24.
6 //
7
8 import SwiftUI
9
10 struct ContentView: View {
11     @State private var currentTab: String = "Expenses"
12     var body: some View {
13         TabView(selection: $currentTab) {
14             ExpenseView()
15                 .tag("Expenses")
16                 .tabItem {
17                     Image(systemName: "creditcard.fill")
18                     Text("Expenses")
19                 }
20             CategoriesView()
21                 .tag("Categories")
22                 .tabItem {
23                     Image(systemName: "list.clipboard.fill")
24                     Text("Category")
25                 }
26         }
27     }
28 }
29
30 struct ContentView_Previews: PreviewProvider {

```

1.3 이슈 사항

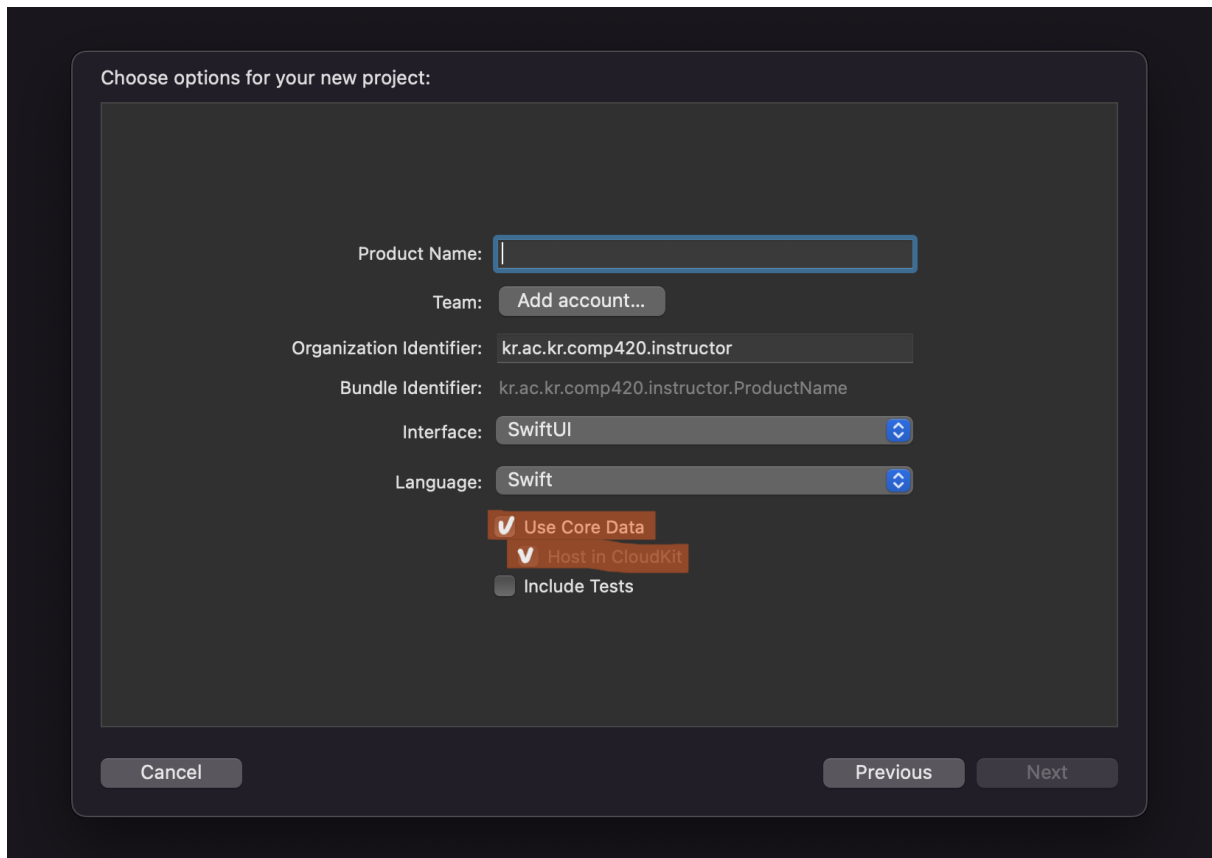
```

1 //
2 // Expense.swift
3 // ExpenseTrackerIOS
4 //
5 // Created by jaxon on 2024/05/24.
6 //
7
8 import SwiftUI
9 import SwiftData
10
11 @Model
12 class Expense {
13     var title: String
14     var subTitle: String
15     var amount: Double
16     var date: Date
17     var category: Category?
18
19     init(title: String, subTitle: String, amount: Double, date: Date, category: Category? = nil) {
20         self.title = title
21         self.subTitle = subTitle
22         self.amount = amount
23         self.date = date
24         self.category = category
25     }
26 }
27

```

해결 방안

Apple 공식 다큐멘터: <https://developer.apple.com/documentation/coredata/>



2 향후 일정

