

```

//
// Expenses.swift
// Project-7-iExpense
//
// Created by Luca Capriati on 2022/08/17.
//

import Foundation

class Expenses: ObservableObject {
    @Published var items = [ExpenseItem]() {
        didSet {
            if let encoded = try? JSONEncoder().encode(items) {
                UserDefaults.standard.set(encoded, forKey: "Items")
            }
        }
    }

    // Project 7 - Challenge 3
    var personalItems: [ExpenseItem] {
        items.filter { $0.type == "Personal" }
    }
    var businessItems: [ExpenseItem] {
        items.filter { $0.type == "Business" }
    }

    init() {
        if let savedItems = UserDefaults.standard.data(forKey: "Items") {
            if let decodedItems = try?
                JSONDecoder().decode([ExpenseItem].self, from: savedItems) {
                items = decodedItems
                return
            }
        }

        items = []
    }
}

```