

Semester 1 Code Review

Aureate



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Project Objectives & Purpose

01

Target Audience

Students and working adults

02

Journal

Can take it slow and journal your thoughts

03

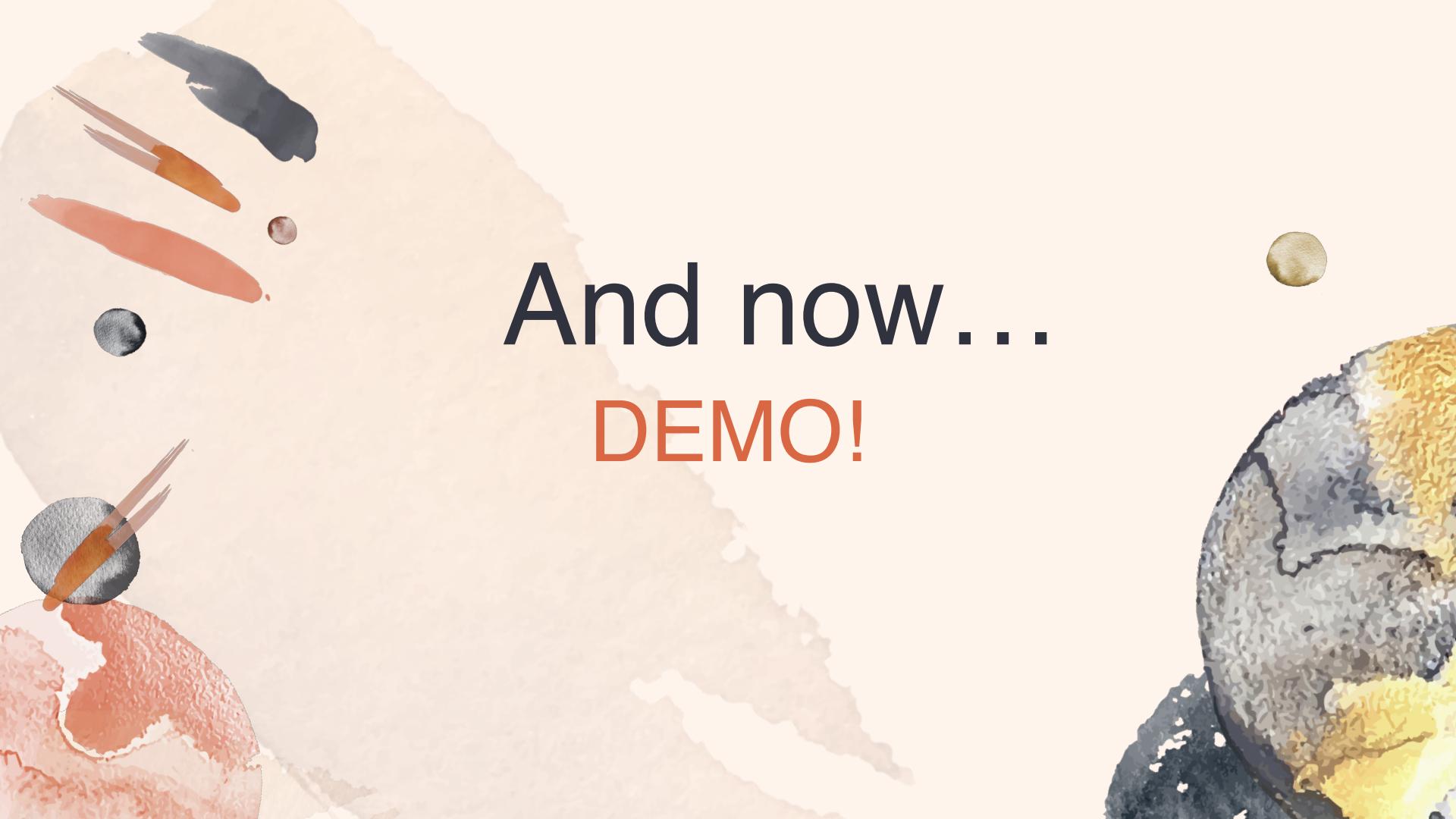
Planner/To-do

- Manage important events and tasks
- Connected to Apple Calendar and Reminders

04

Habit Tracker

Track habits and progress



And now...
DEMO!



Journal

Edit

+ Entry Name 

4 Entries

Can ducks sink

Monday, December 13, 2021 at 10:34:21 AM Pacific Standard Time



My journey through space

Monday, November 29, 2021 at 10:07:38 AM Pacific Standard Time



Spicy Tacos

Friday, January 21, 2022 at 10:35:08 AM Pacific Standard Time



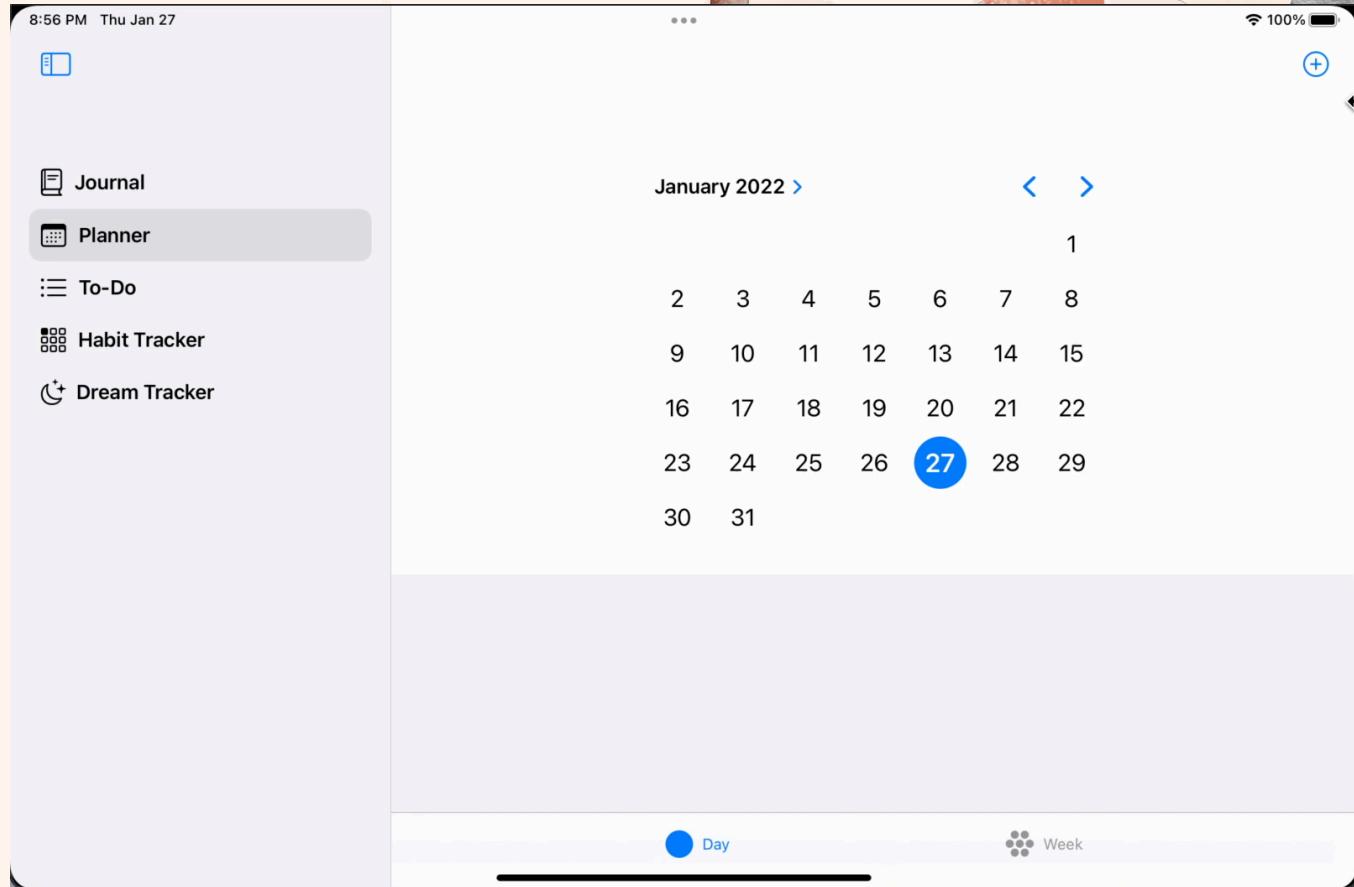
When life gives you lemons

Monday, November 29, 2021 at 10:07:31 AM Pacific Standard Time



Journal Tab

Planner & To-Do Tab



Habit Track Tab

8:59 PM Thu Jan 27

100%

Journal

Planner

To-Do

Habit Tracker

Dream Tracker

...

+

- ✓ # Completed: 2 / 180 days Exercise
- ✓ # Completed: 9 / 30 days Journal
- ✓ # Completed: 6 / 180 days Read Life of Pi
- ✓ # Completed: 0 / 120 days Walk the dog
- ✓ # Completed: 3 / 10,000 days Water Plants

Track Habits

All Habits

Technical details

To-Do Section

```
struct ReminderRow: View {
    @Binding var reminder: EKReminder

    var body: some View {
        Toggle(reminder.title, isOn: $reminder.isCompleted)
            .onChange(of: reminder.isCompleted) { newValue in
                complete(reminder)
            }
    }
}

func complete(_ reminder: EKReminder){
    reminder.isCompleted = true
    do {
        try Reminders.eventStore.save(reminder, commit: true)
    } catch {
        print("Cannot save")
        return
    }
}
```

```
@State private var habitDayCountArray = ["7", "14", "30", "180", "365", "Other"]
@State private var habitSelected = "Other"
@State private var habitOtherSelected = "Enter number of days"

var body: some View {
    List {
        Section(header: Text("Name")){
            TextField("Name", text: $habit.wrappedName)
        }
        Section(header: Text("Completed Days")){
            Text("\(habit.wrappedCompletedNum)")
        }
        Section(header: Text("Track habit for")){
            HStack{
                Picker("Track habit for:", selection: $habitSelected){
                    ForEach(habitDayCountArray, id: \.self) {
                        Text($0)
                    }
                }.pickerStyle( SegmentedPickerStyle())
                .onChange(of: habitSelected) { newHabitSelection in
                    if(!newHabitSelection.contains("Other")){
                        habit.wrappedDuration = Int32(newHabitSelection) ?? 320
                    } else {
                        habitSelected = "Other"
                        habit.wrappedDuration = Int32(habitOtherSelected) ?? 10
                        print(habitOtherSelected)
                    }
                }
            }
            TextField("Enter number of days", text: $habitOtherSelected)
                .hidden(!habitSelected.isEqual("Other"))
                .onChange(of: habitOtherSelected){ value in
                    habit.wrappedDuration = Int32(value) ?? 10
                }
            Text("days")
        }
        Section(header: Text("Description")){
            TextEditor(text: $habit.wrappedDetails)
        }
    }
    .onAppear {

```

Technical Details

Habit Tracker:
- Event Handlers

```
.onAppear {
    if(habitDayCountArray.contains(String(habit.wrappedDuration))){
        habitSelected = String(habit.wrappedDuration)
    } else {
        habitSelected = "Other"
        habitOtherSelected = String(habit.wrappedDuration)
    }
}
```

Summary: Good & Bad



Toolbar in the to-do

Used to using navigationbar



Completing a to-do



“Other” duration



Completed Everything I Wanted to Learn How To Do

Thank You!

