

Challenge 2 : Americano

Quaquaide - Villaggio

F. Jacopo Abete 2025/26





<https://apps.apple.com/it/app/instagram/id389801252?l=en-GB>

Instagram DMs

...and more



Why Instagram?



**High standard
to learn from**



**Aligned with
my vision**



**Focused
approach**



**Possible
enhancements**



Goals

Goals

PROCESS

PROJECT MANAGEMENT

CORE

I can deconstruct a prototype to develop a learning and development backlog.



CODING

INTERFACE DEVELOPMENT

CORE

I can arrange views horizontally and vertically inside container views such as stacks and grids with SwiftUI



CODING

INTERFACE DEVELOPMENT

CORE

I can enhance my views with graphical effects and customized drawings using SwiftUI



CODING

PLATFORM FUNCTIONALITIES

CORE

I can implement User Privacy protection features in my apps



CODING

PLATFORM FUNCTIONALITIES

CORE

I can implement Nearby Interaction features in my apps



n.b. this one is home made :)

This is how it went

**“Learning is an iterative
process”**

- the guy on the right

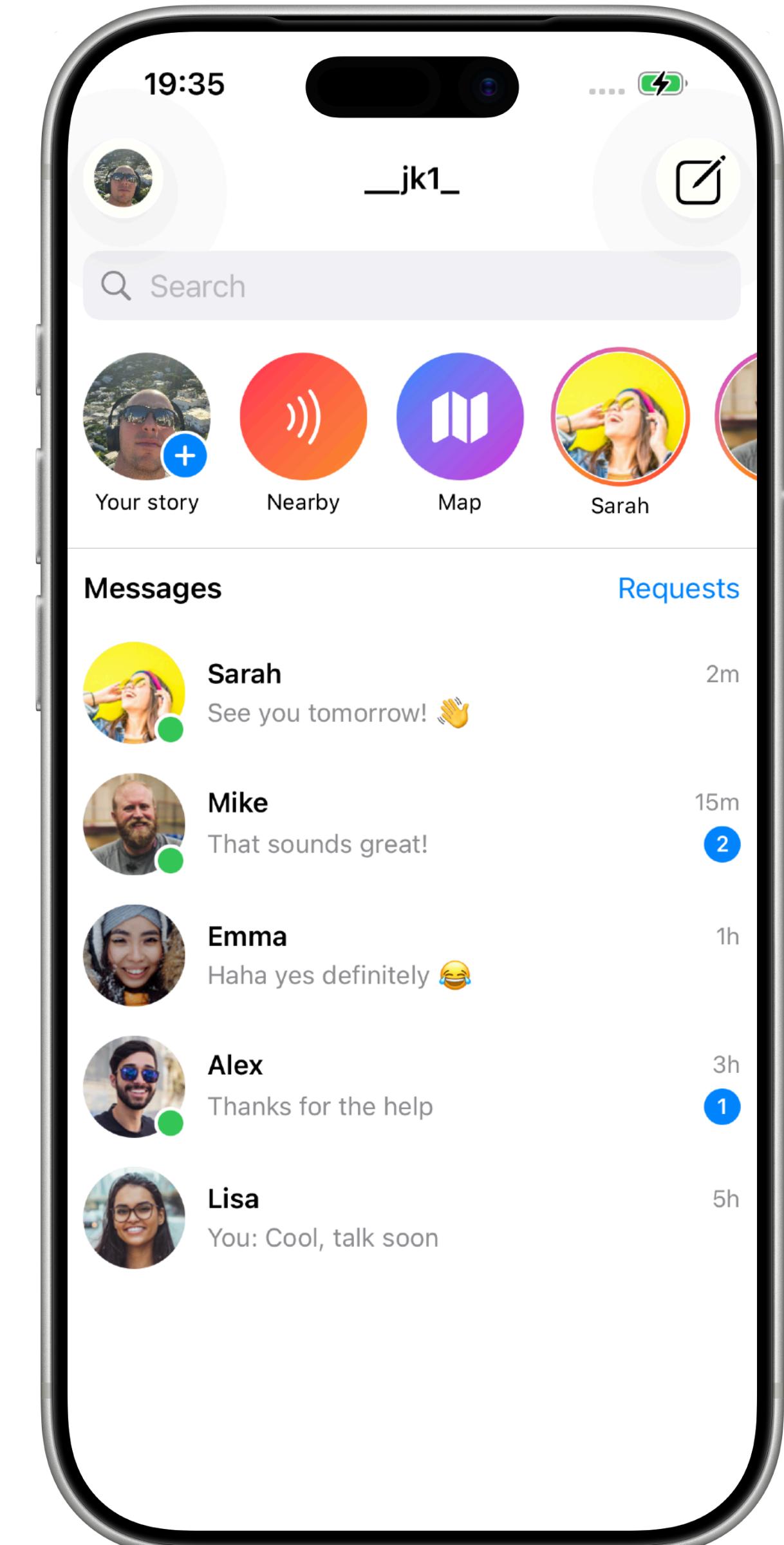


Main features

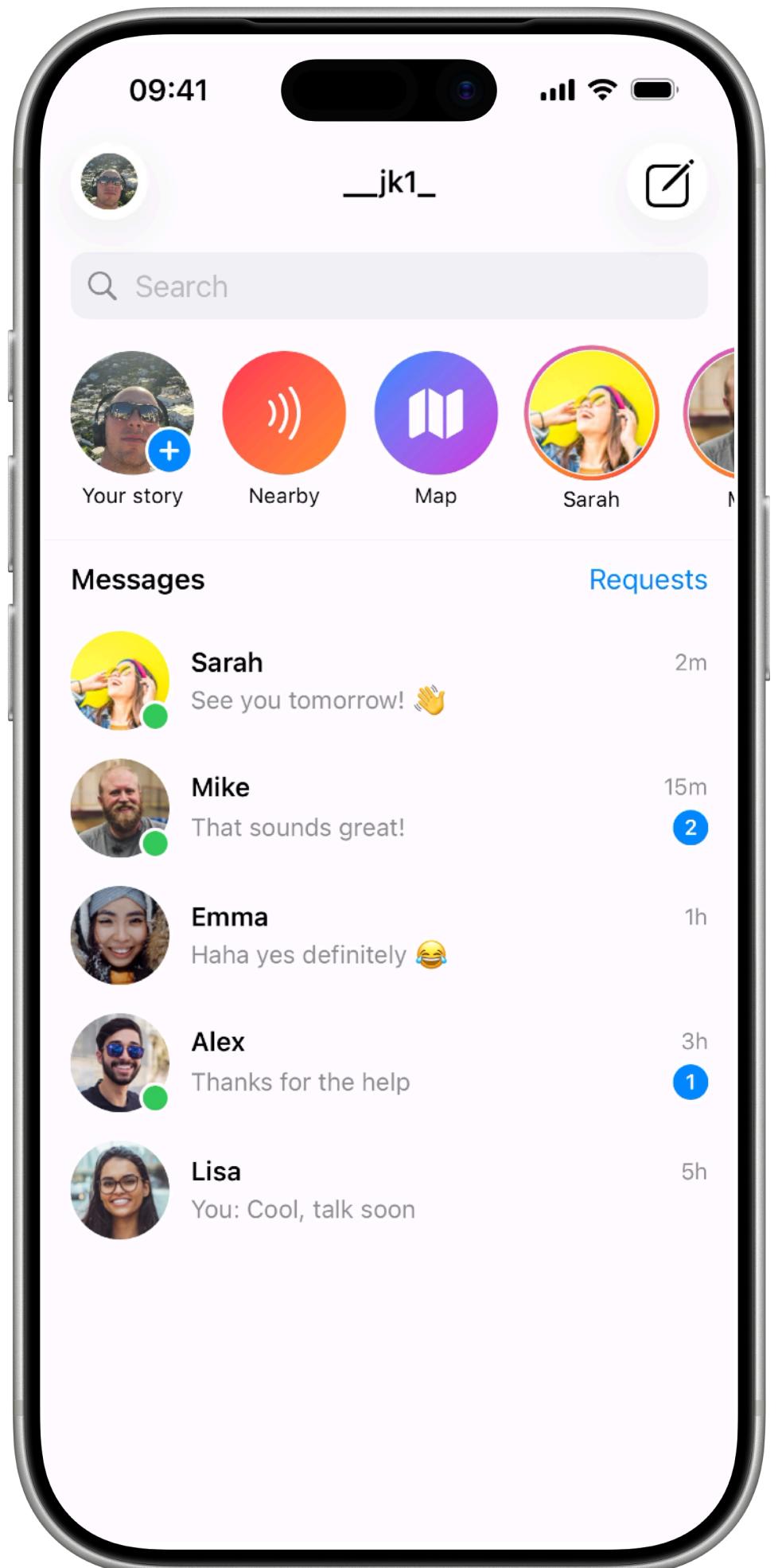
Parent controller (navigation bar, horizontal scroll view, chat list)

Content types (story cell, add story cell, map cell, thrill cell)

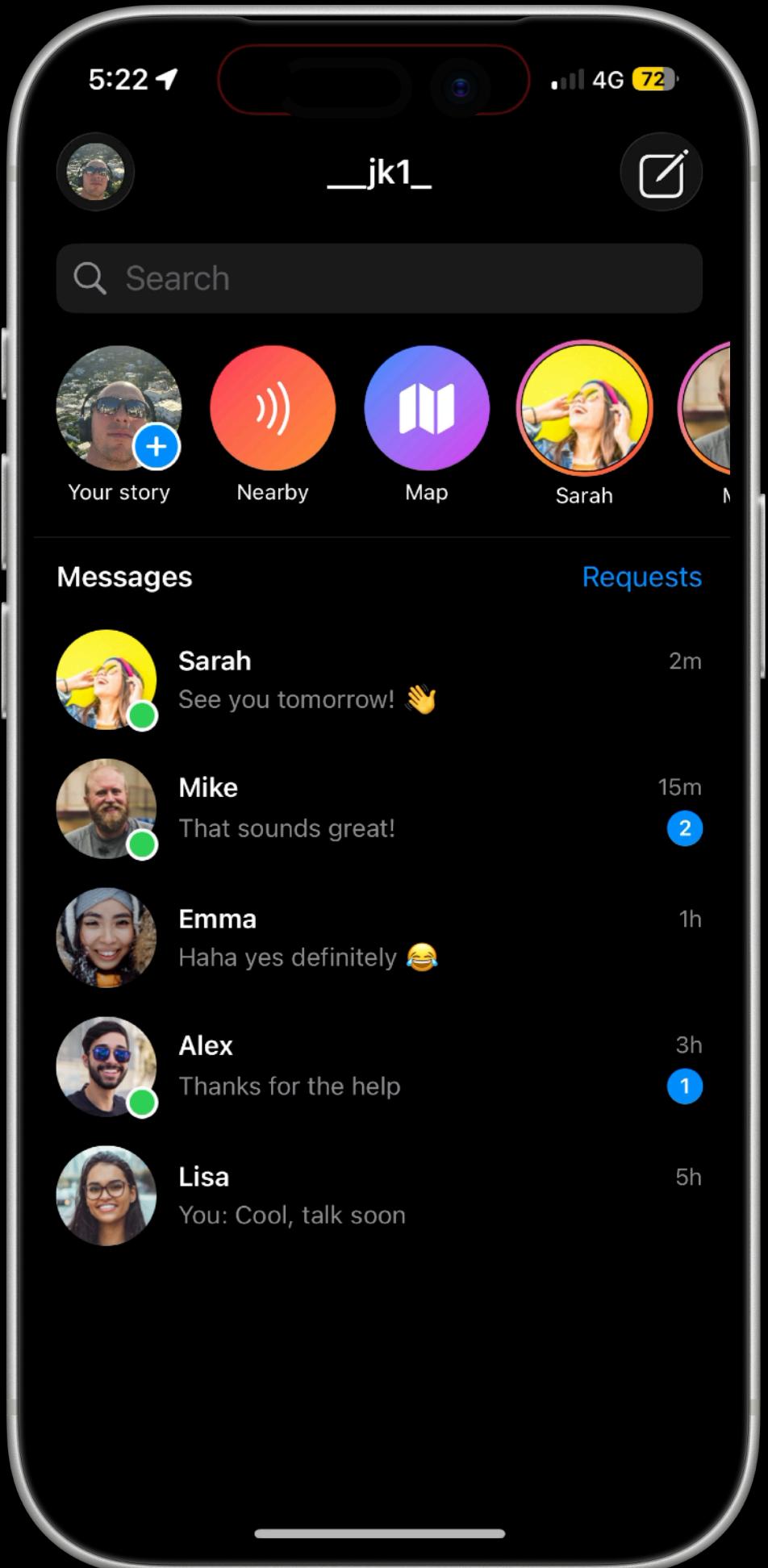
Map cell details (core view, nearby interaction layer, overlay UI, supporting devices)



map cell



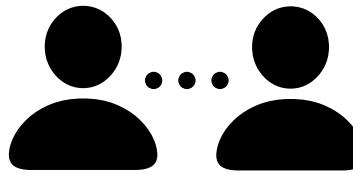
thrill cell



What I learned



**Multipeer
connectivity**



**Communication
protocol**



**Nearby
interactions**

...and of course some SwiftUI basics

What else?

Architecture & State Management 

Networking & Data Persistence 

Security & Privacy 

What else?

Advanced Nearby Interaction

multiple
peer
tracking

direction
visualization

MessageUI & ContactsUI Frameworks

user
discovery

contact
management

profile
creation

**Thank you for the
attention,**



**Thank you for the
attention,
If you want there it is my
GitHub repo,**



**Thank you for the
attention,
If you want there it is my
GitHub repo,
and please
reach me out for
any curiosity or
feedback!!**

