Social Spot

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General Overview

Social spot is going to be a new trendy app that is going to change the way people interact with one another at events. Logging into the app will open up a feature that allows people to create an avatar and upload a profile picture. You can then attach you social media links so that others can reach you. After your account is all set up you see a map with other people that have accounts and are nearby. By clicking on someone's avatar a hyperlink will pop up with all there social media accounts to view.

Users

- College students
- Businesses will be able to adverstive and show they are nearby.
- People looking for connections

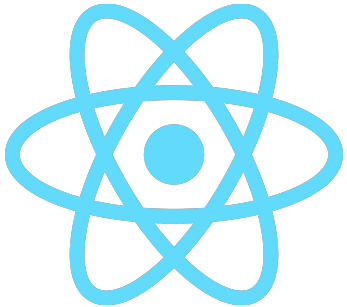
Core Features

- Users appear on a localized, real-time map as avatars within a small radius
- All users using the app are opting in to be visible on the app
- Users accounts will be linked to their existing social media accounts, making them accessible to surrounding users
- Not designed as a messaging app but more of a bridge to existing messaging platforms
- Goal is to create organic in-person connections at social events, campuses, bars, etc.

Technical Overview

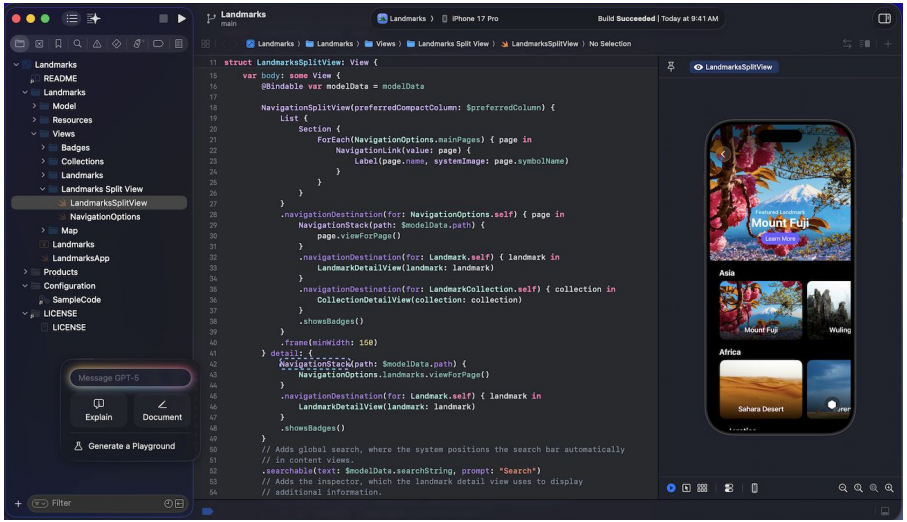
Google Maps

- Map SDKs for real time map creation
- Avatar creation UI or connection to an avatar creation application
- NoSQL database for user accounts and information
- Firebase or Supabase to handle user authentication
- Xcode or React Native for app development
- Node.js with Express for serverless functions
- Abstracted and non-persistent location tracking



Development Environment

- XCode + SwiftUI
- VS Code with Swift
- Simulations
- Apple APIs integrated



Possible Competitors

- Snapchat
- Instagram
- Linktree

Challenges

- **Proper location handling**
  - Live, toggleable, radius-based location
- **Privacy & security of personal information**
  - Secure accounts and profile data
- **Project scope & foundation**
  - Focus on the core features