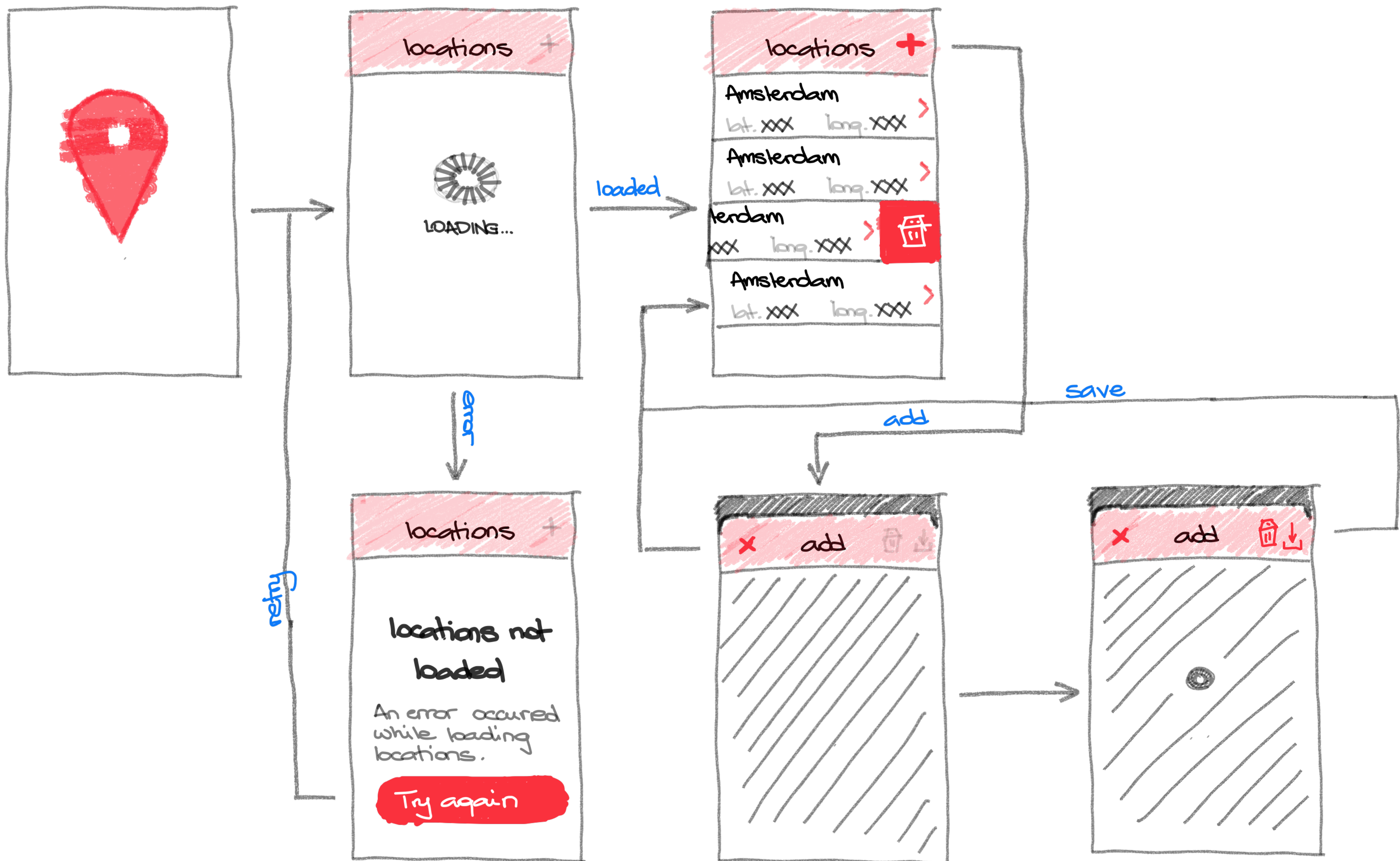# DEEP LINKING

- 2 apps = Wikipedia + Test app
- unidirectional communication via deep linking
- Wikipedia app should support location coordinates in deep links
- Test app is a new app that should:
  - load locations from a remote server
  - allow user to add further locations
- SwiftUI is not allowed!

TEST APP (wireframes)

DECISIONS (test app only)

- App targeting phones only → UIKit framework
- MVVM-C architecture
- Libraries separated from the app, with its own tests.
  - Core library
  - Dependency injection
  - Persistence service
  - Remote service
- Core Data persistence in SQLite database
- Use of Dependency Injection (custom)
- Locations view should handle view states reactively.
- Unit tests for libraries, UI test for app (if time allows...)
- No data synchronisation, so remote data is overwritten every time.

WIKIPEDIA

- Deep linking for places already in place, but no parameters supported yet.
  - wikipedia://places
  - wikipedia-official://places
- Location coordinates support should be added
  - wikipedia://places?coordinates=x.x,y.y
- Move map to given coordinates if given, otherwise current location
- Share deep linking generation code between apps