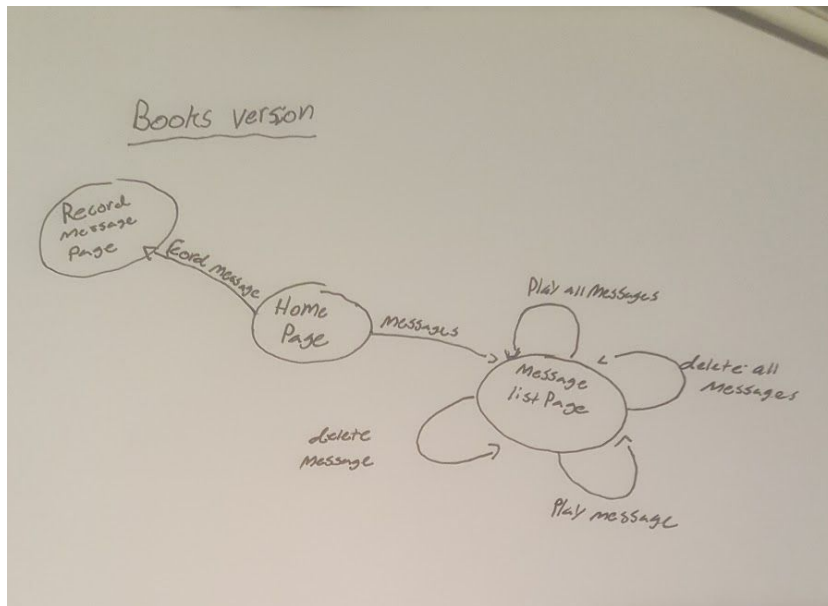My interpretation of the book's UI state diagram.

Nested State Version (also from the book)