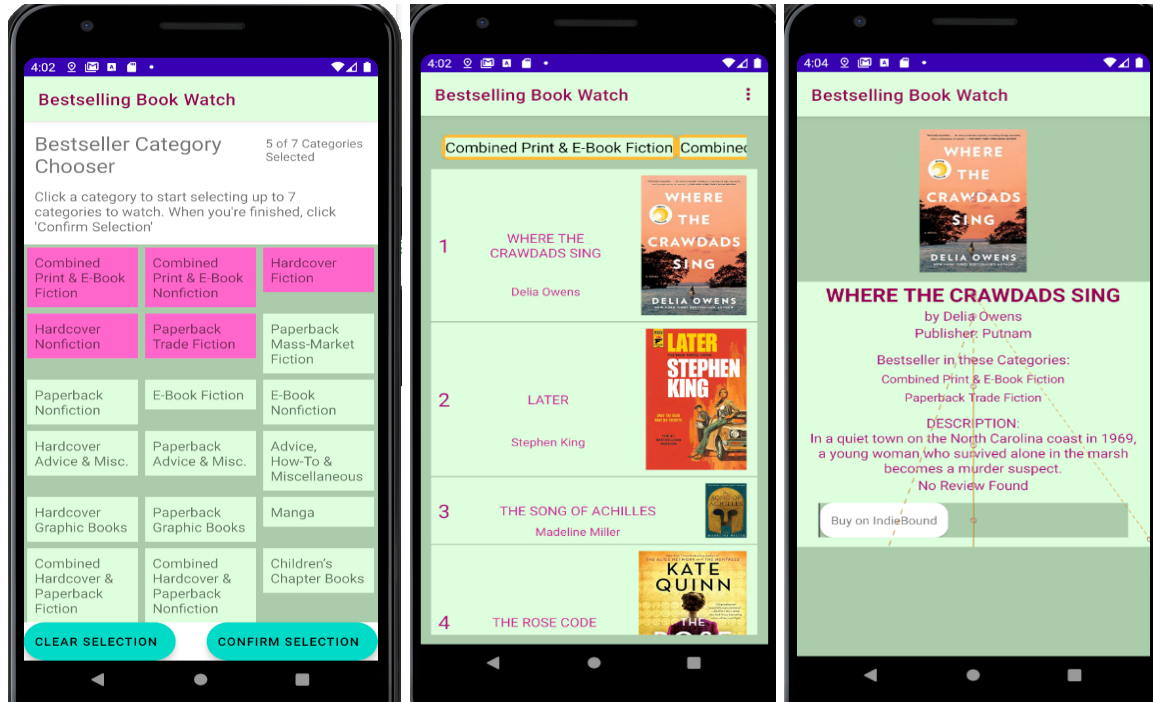# Bestselling Book Watch Design Document

Aaron Quaday | AAQ-AND-DEV   April 10. 2021

Core Views:

Category Chooser   Bestseller Lists   Book Detail

Target Milestones:

MVP
- Create Design Doc (3/3/21)
- Construct Basic UI (3/3/21)
- Integrate API using Retrofit to retrieve info with hardcoded param to one simple TextView (3/4/21)
- Create Models, and use Moshi to convert (3/4/21)
- Implement RecyclerViews to contain the lists on Category Chooser and Bestseller Frag(3/5/21)
- Programmatically add watchedCategories to Bestseller Lists Layout (3/5/21)

Enhancement
- Create ViewModel to store relevant info for basic functionality(3/9/21)
- Extend Retrofit implementation to retrieve info based on variable list name(3/9/21)
- Picasso display of book cover images(3/9/21)
- Implement Room Db storage(3/11/21)
- Implement Repository pattern (3/11/21)
- Institute onboarding to force user to select categories to watch(3/12/21)
- Implement Koin DI(3/29/21)

Polish

- About fragment, for displaying required NYT attribution/logo/link to nyt developer portal(3/12/21)
- Styling(3/29/21)
- Logo and AppBar coloration(4/4/21)
- Animate a view (4/5/21)
- Integrate Hardware (notification via FirebaseMessaging) -- contact aaqjavadevmentor@gmail.com to allow manual push.(4/5/21)
- Default for repository to access via db(4/8/21)
- Add clear Selection for category chooser(4/10/21)
- Implement data refresh strategy (abide by terms of service prohibiting data storage for more than 1 day)(4/10/21)
- App Loading and error handling(4/10/21)