Allergy Scanner App
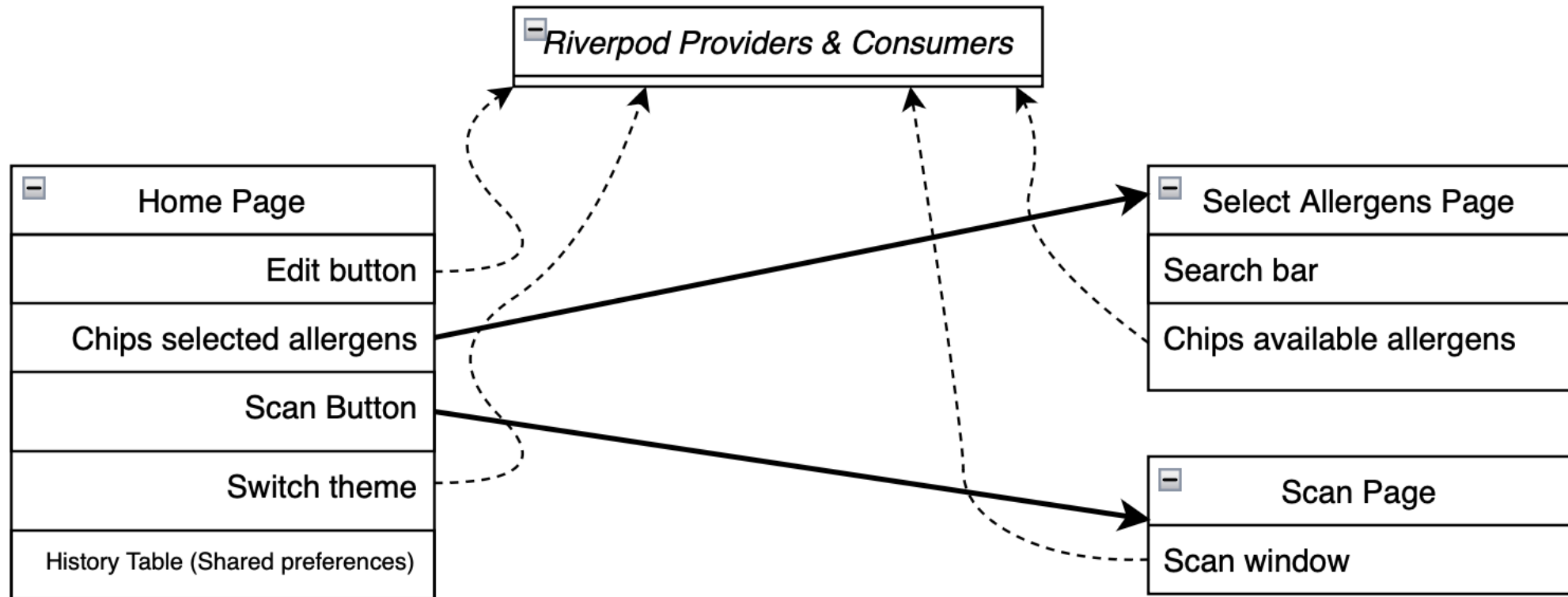
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Valeria Kolesnikova

Demonstration:

[Tap here](#)

Scheme:

Riverpod Providers & Consumers

Home Page
- Edit button
- Chips selected allergens
- Scan Button
- Switch theme
- History Table (Shared preferences)

Select Allergens Page
- Search bar
- Chips available allergens

Scan Page
- Scan window

Challenges and Solutions:

Barcode formats scanning → Use of mobile_scanner library.

Use of Edamam API → Use "http" package.

managing a customizable list of allergens for each user. → Use shared preferences.

Update ad pass data between pages → Use Riverpod

Bugs and errors → Unit, widget, Golden tests

User-friendly design → Minimalism, real objects

Thank you for attention!