

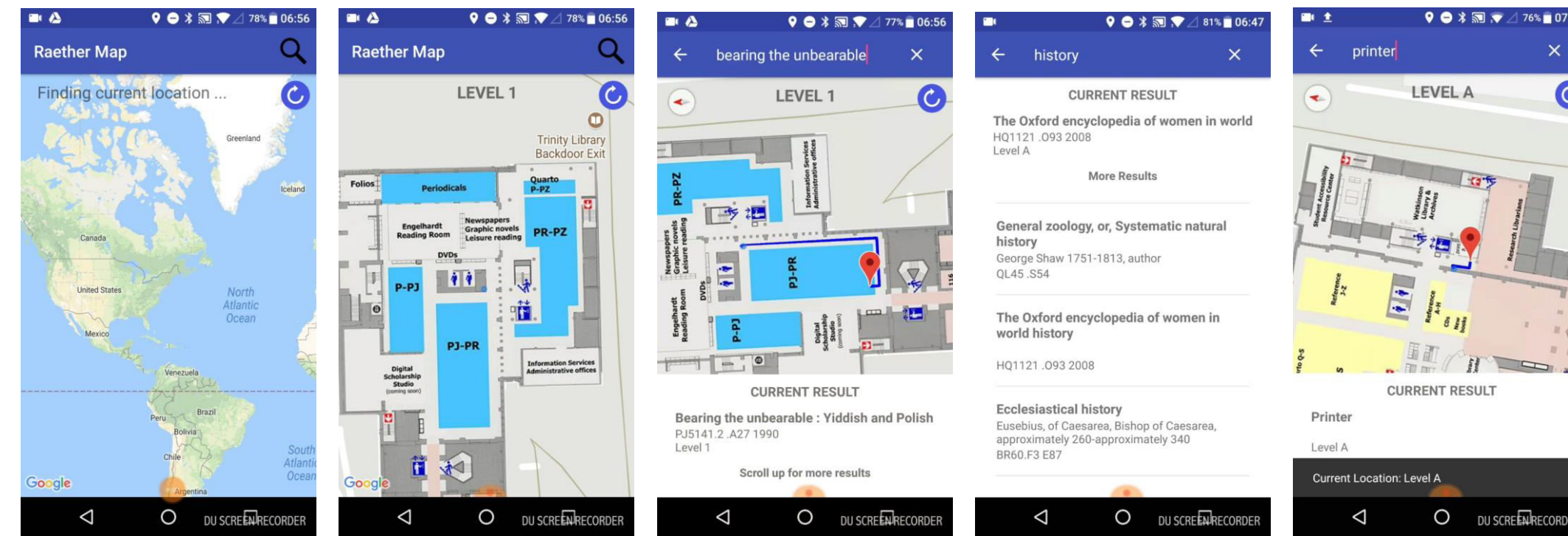
# RAETHER MAP

An Android app allowing users to locate Trinity Library materials  
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## Significance

Reduce workload for Library Circulation Desk staff  
Give users more personal and visual book search experience  
Adapt to frequently changing library materials and their locations

## Map User Interface



Display floor plan images  
Offer detailed location info  
Update path from user location to item in real time

## User Experience

**Functional improvements** suggested by circulation desk staff

Ex: Include resources like printer, or study rooms as location points

**Usability improvements** by students

Ex: Always display information of selected item so users can refer to

## Database



Direct access  
Alma API

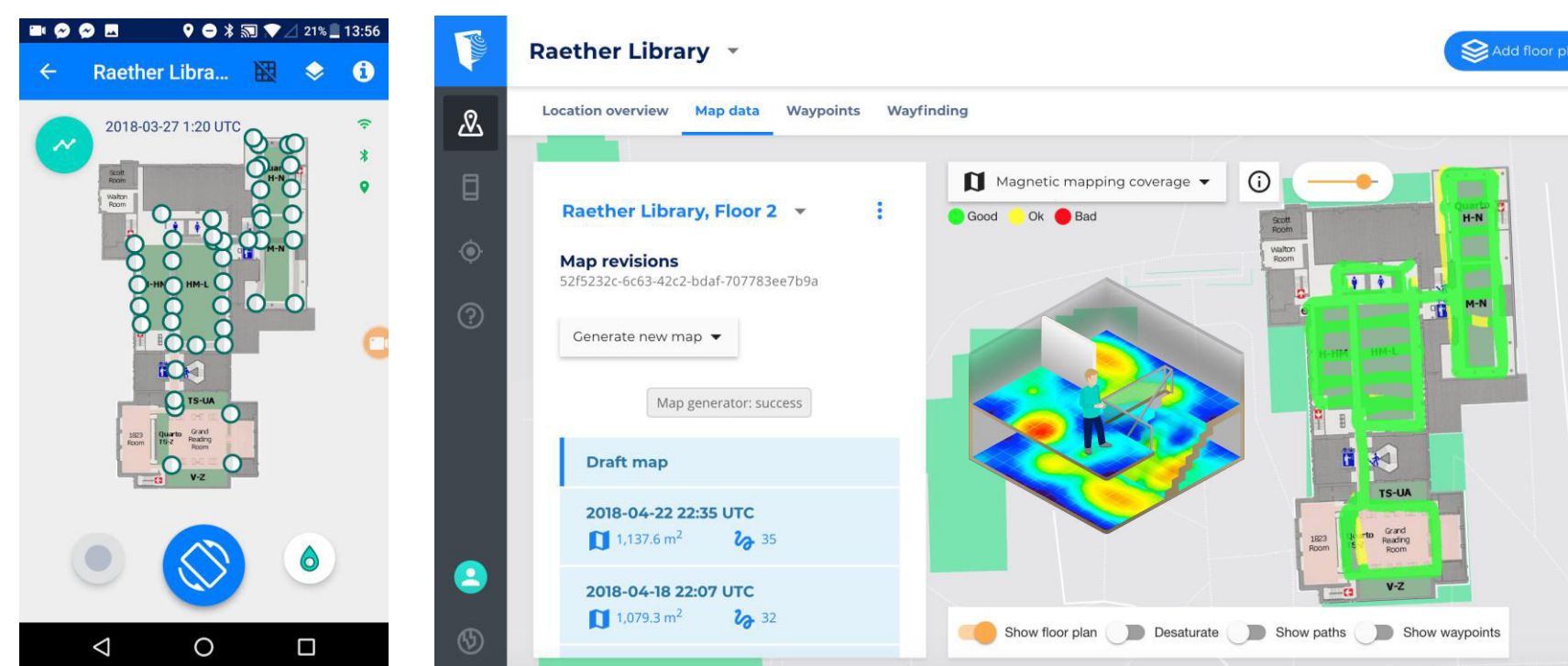


Limited to 50 items  
Bottom sheet



Flexible search query  
Results consistent with website

## Location Mapping



Match building's floor map to specific location points

- A detailed map
- Real-time location tracking

Define location of library item: Library-supplied item location information

## Technical Solutions



+



IndoorAtlas

+

Google Maps

+

ExLibris Alma

→



Raether Map