Memory Hunting: A Mobile App for Collecting the Location Metadata of Old Photographs

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Concept of “Memory Hunting” App (for Android)

Problem: Old photographs need location metadata, but no simple annotation tool.
Solution: Make an app for “location hunting” using smart device’s camera and GPS.

Design and Unique Features of “MemoHun”

1. **Viewfinder overlay**: Direct comparison between photos and the landscape.
2. **Location and direction**: Automatic sensor recording as image metadata.
3. **Multiple projects**: The app could be used from field studies to crowd-based annotation and entertainment.
4. **Offline mode**: App can continue its operation even when network connection is not available.

Results and Discussion

**Usability**: Easy to compare the past with the present landscape.
**Complementarity**: Augmented photography and augmented reality.
**By-product**: Matching is fun = gamification and crowd sourcing.
**Problem**: Good camera libraries wanted for the diversity of devices.

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http://dsr.nii.ac.jp/memory-hunting/