KeePlaces

problem

framework

discovery

curation

application

future work

contact

Opportunistic Place Discovery and Curation

Information discovery- and curation-oriented design of web applications can be difficult because the designer needs to determine which features to implement.

By applying the conceptual framework of information discovery of curation [1], we identifyied gaps in current tooling for place discovery. We then implemented a corresponding application, with main features highlighted below in green.

Information and link representation cues
Visual previews
Spatial arrangement
Textual cues

Navigation
Arbitrary navigation
Direct navigation
Search-based navigation
Type-based category navigation
Topic-based category navigation
Tag-based navigation

Integration
Linking
Visual integration

Opportunistic discovery
Novelty
Serendiputy

Fact Discovery
Precision
Recall
Availablity

Channel-based discovery
Site subscription
Subscription to news feed
User subscription
Notifications
Content news feed

Rediscovery
History-based rediscovery
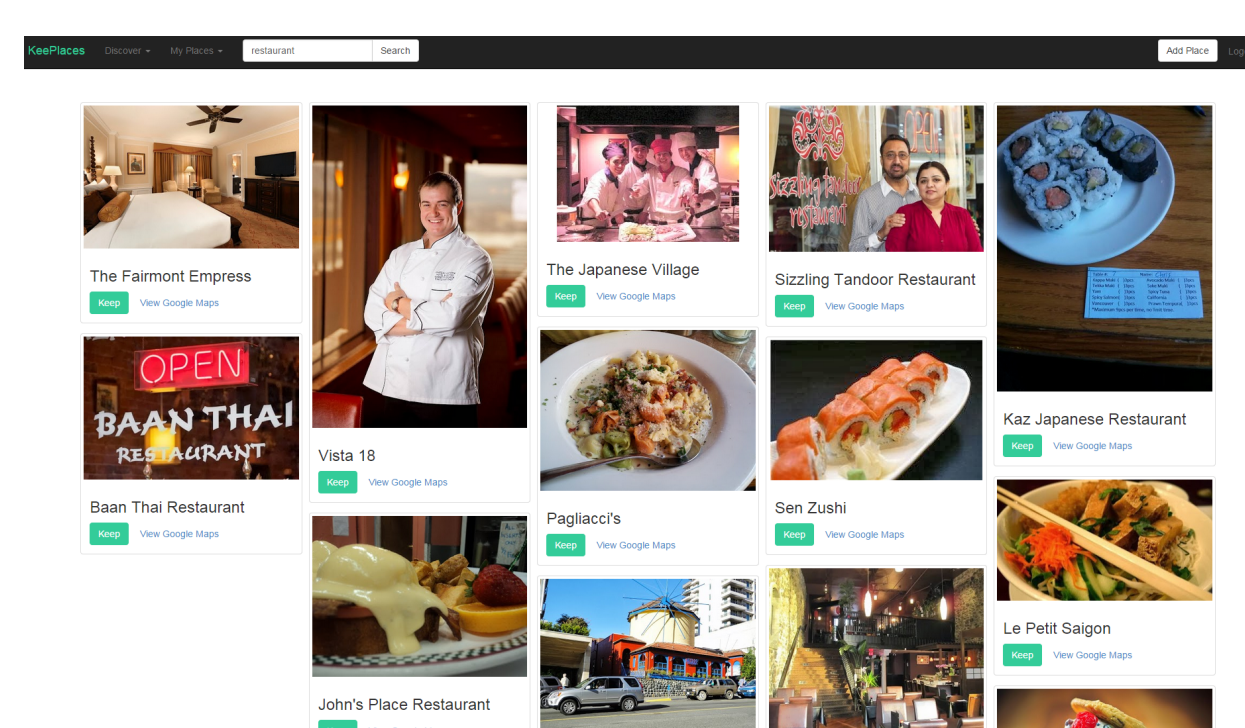Bookmark-based rediscovery
Search-based rediscovery

Management
List-based categorization
Tag-based categorization

Preservation
Internal preservation of internal resources
Internal preservation of external resources
External preservation of internal resources

Augmentation
Evaluation
Annotation

Sharing and Collaboration
Adding resources
Internal sharing
External sharing

[1] Voyloshnikova, Elena, and Margaret-Anne Storey. "Towards Understanding Digital Information Discovery and Curation." *Proceedings of the 2014 Conference of the Center for Advanced Studies on Collaborative Research.* IBM Corp., 2014.

KeePlaces

The resulting application, KeePlaces, supports opportunistic place discovery and curation by allowing users to curate personal collections of place photos, and discovering and adding new photos for outing planning and inspiration.

Future work includes introducing channel-based discovery, augmentation, and tagging, as well asimproving sharing and collaboration.

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