Recommending Crowdsourced Trips on wOndary

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A Platform for Travel Planning

Welcome to Jordan!

4 Monday, Apr 2
- No accommodation yet
- 3 Activities
- 2 km

Roman Theatre
- Al-Hashemi St., Amman, Jordan

Amman
- Jordan

Grand Husseini Mosque
- Al Hussein Bin Talal Mosque. King Talal St 1, Amman, Jordan

5 Tuesday, Apr 3
- No accommodation yet
- 2 Activities
- 20 km

Azraq
- Jordan

http://wondary.com
A Data Model for Trips

Trip

**Block:** Consecutive stay at one location

Day

**Entries** (Google Places)

- Activity
- Accomodation
- Transport
Recommendations on the Explore Page

https://wondary.com/explore
Trip Classification

Categorization of the attractions according to their types

Enrichment of Google Places information with Foursquare lookup

Trip classification based on the amount of items per category
Core Recommender System

Content-based recommendation based on the categorization

User model: aggregation of all copied trips

Ranking computed using the Cosine Distance
Future Innovation

Overcome the cold start problem: click stream analysis, preference elicitation games

Exploit the data model

Explaining recommendations

Conversational recommendation and critiquing

Group recommendation, decision support
Conclusions

User interface for trips around the world

Structured representation of trips

Framework for core recommender system established

Opportunity for innovation

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