

Ideas of e-Tourism services for Karelia region

Kirill Kulakov

Petrozavodsk State University
Department of Computer Science



These presentation are supported by grant KA322 of Karelia ENPI - joint program of the European Union, Russian Federation and the Republic of Finland



12th FRUCT conference
November 5–9, Oulu, Finland



Common user activities

- 1 Information about region
 - ▶ Feedback from other tourists
 - ▶ Places of interest
 - ▶ Proposals and recommendations
- 2 Travel plan
 - ▶ Transport logistic
 - ▶ Reservation
- 3 Real-time information during trip
 - ▶ Guides
 - ▶ Proposals
 - ▶ Local services
- 4 Sharing trip experience



Specific of region

- Border area
- Poor infrastructure
- Lakes and small rivers
- Forests
- Historical and nature places of interests

Popular forms of tourism

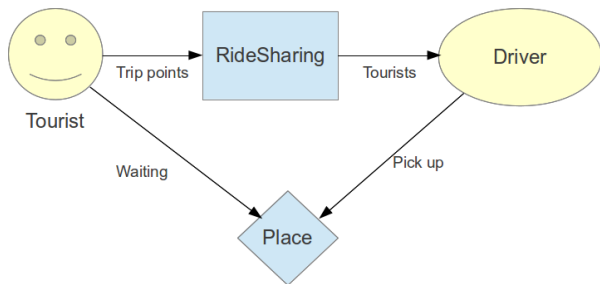
- Excursion and recreation
- Rafting and fishing
- Touring by car or bicycle



RideSharing service

- Small size of cities
- Large distance between places of interests
- Delivery to the starting point
- Complexity of using local services

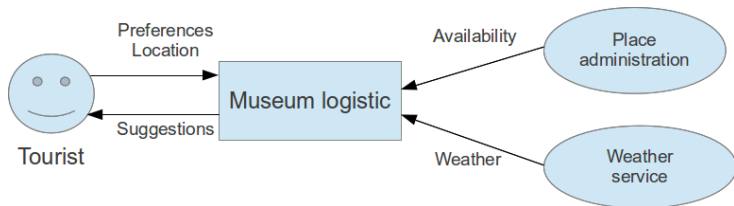
Idea: finding a driver, which can pick a tourist up and to give him/her a ride to the desired place.



Museum Logistic service

- Place of interest schedule
- One-time events
- Weather restrictions
- Huge amount of places with limited amount tourist time

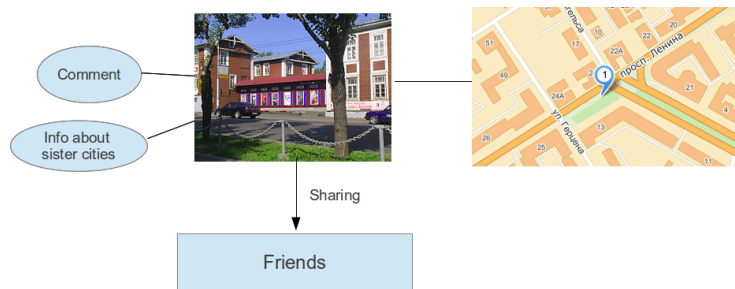
Idea: Suggest to tourist a places which are better to attend.



Walk tourist tools

Idea: Helps tourist during trip.

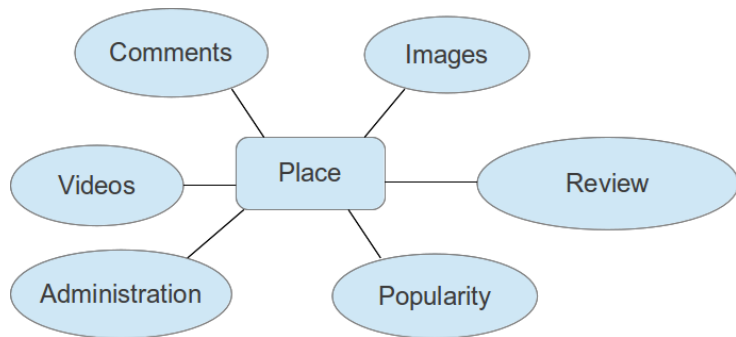
- Real-time information about nearest places of interests
- Geo tags for records, photos and videos
- Find nice photos for current place
- Sharing trip status between friends



Place reviewer

Idea: Collects and share information about place.

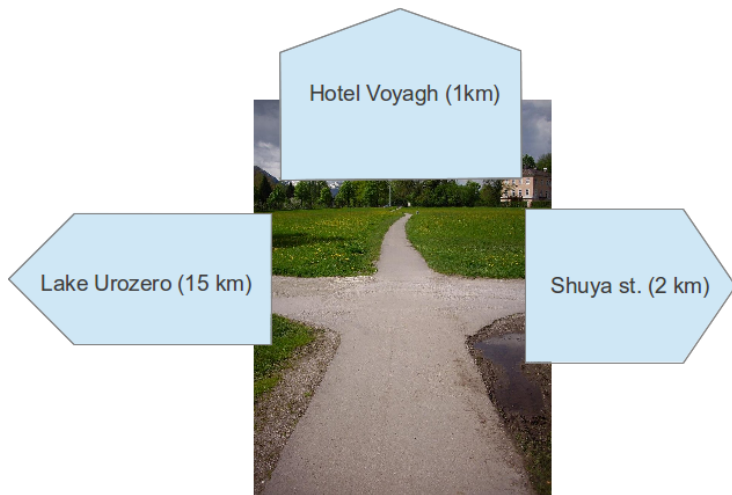
- Mark place as interesting
- Comments of visited places
- Add info about place (images, videos, reviews)



Road signs

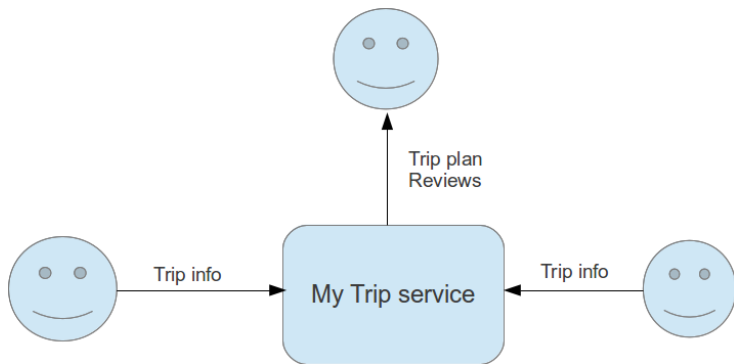
- Many crossroads has not road signs

Idea: show places and distances for roads in crossroad.



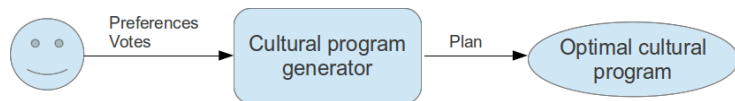
My trips

- Collects info for trips
- Generate template of trip plan
- Sharing trip experience between friends



Common cultural program

- Each conference member has own preferences
- Any member can vote for trip plan
- Create optimal cultural trip plans and groups



Used services

- Social networks
 - ▶ Share trip experience
 - ▶ Comments places
- Geo2Tag platform
 - ▶ Storage for places of interests
 - ▶ Storage for trip data
- Mobile platforms (Symbian, Asha, Android, iOS)
- Maps and public collections points of interests (wikimapia)

