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)

Diagram:

- Comments
- Images
- Videos
- Administration
- Place
- Review
- Popularity
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

Kirill Kulakov

Ideas of e-Tourism services for Karelia region
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)