

Project Title: Legal Social Network

Client's Name (Country): NDA

The Challenge:

Development of the Legal Information System that is based on social network principals combining centrally supplementing code of laws of both federal , regional and local levels. The goal of our Customer is to become #1 on Russian market of legal support systems.

The Solution:

The main feature of the Legal Social network that makes it different from other existing competitive solutions is a new way of delivering information to users and giving them ability to participate actively in development of the information network (Web 2.0 principles).

The first step of development is to process a huge amount of initial data – existing laws and document must be present in the system from the day one. At the same time advanced search and data presentation algorithms should be designed and implemented. UI design is also of a great importance as the system should be very intuitive to use to attract a big amount of users.

Technically one of the most difficult tasks is to support data collection, as the system has nontrivial coordination of documents from different sources.

Next to the development stage the maintenance and support stage is provided for the heterogeneous data base of the system (regarding the quality, relevance, value etc.)

Functionality:

- Code of laws in WIKI
- User comments
- User rights management, billing system
- Integrated search engine
- Tags cloud
- Rating support
- Automatic selection of similar articles
- Statistics module in administration interface
- Video communication (consulting, lectures, announces)

Extra functionality:

- Integration with other information systems and communication tools
- Integration with the state information portals, mass media, video data storages, on-line translation of the TV channels
- Using instant messaging, VoIP systems
- Mobile version
- Special local server for the companies\users with the limited Internet access

Tools and Technologies:

Web-platform: LAMP

OS: GNU/Linux

Web-server: Apache

DB: MySQL

Technologies: Google OpenSocial API, Flex, Flash, AJAX, PHP

Team size:

6 members

July 2009 till present