

Analysis of technical risks for project «Citylogia»

Authors

Ilya Volf, Andrew Weiss, Igor Chiesov.

Risks

1. Adding information of places to the base.

Description

We must come up with a method of adding interesting places information to the base. If we cannot automate such a process, then we will lose a crucial part of the application functional.

Action for Reduce the Impact

We will always be able to add the information manually having made this process simple and quick to the extent possible.

2. Choosing a minimal supported Android version.

Description

We must choose such a minimal supported by the application Android version that the balance between the application availability and functionality will be perfect. If such an Android version threshold is pretty high or low, then the application availability will be low or the application functionality will be poor correspondingly.

Action for Reduce the Impact

During the development, we try to avoid using specific features of the latest Androids so no planned functions for our application will need to be canceled. However, if avoidance is not possible, we will sacrifice some share of users to implement a crucial for the application function.

3. Implementing the planned functional.

Description

We must implement all the planned functionality. If we cannot add all wanted features, then the application will be incomplete and be lack of interesting and even important features.

Action for Reduce the Impact

The application development is split into several stages. The first stages – we implement the most important functional. The last stages – we add interesting but no so necessary features.

4. Implementing a map in the application.

Description

We must use a popular and multifunctional API for implementing a map in our application, preferably Google Maps API. If we are not able to use Google Maps API, then implementing a map will be more difficult as well as we will be deprived of some functional.

Action for Reduce the Impact

We are ready to choose and use another API.

5. Using photos in the application.

Description

We must implement a places description supplied with photos of these places. If some photos infringe on copyright, we will not be able to use them.

Action for Reduce the Impact

We will use photos from multiple sources (sites) where photos do not have copyright.