

Project Proposal „LinZ Geo QuiZ“

APP NAME: LinZ Geo QuiZ (Codename)

TEAM MEMBERS

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TARGET PLATFORMS: iOS, Android, (optional: Windows Phone)

PROJECT IDEA

The idea is to develop a mobile cross-platform App, which is a Quiz about Buildings, Streets, Places,... in Linz. It should allow tourists and also citizens to discover interesting places and enables also cab-drivers, police, fire workers, ambulance,... to train, keep and improve their geographical knowledge about Linz. This is also the fact, where the idea comes from. At the moment there is no such app, which allows to practice the geographical knowledge about Linz. In case of the ambulance, fire brigade and police it's often necessary to find a specific public building or an address very quickly, so there is no time to use a navigation system or map.

In the app there should be different quiz-categories for streets, retirement homes, hospitals, event locations and a mixed one. When starting a quiz, the name of a place, building or street is shown and the user has to drop a pin to a point on a map, where he/she thinks is the matching location. As a feedback the app shows the distance between dropped pin and correct place. The data, which should be used, is free to use and provided by <https://www.data.gv.at/auftritte/?organisation=stadt-linz>.

To be able to compete with friends, an integration of a highscore is planned.

Results and highscore can be shared via social media (Facebook).

The app should be offered in the stores for iOS, Android and optionally Windows Phone.

MONETISATION OPTIONS

Currently there is no monetization of the app planned.

An in-app purchase of new question-set/category can be used for monetization. Ads won't be but can be used (e.g. Google Ads).

Another possible monetization strategy would be to offer restaurants (e.g. Mc Donalds) or other interesting places to get added to the quiz for money.

TARGET TECHNOLOGY AND MODEL

- For storing the users, highscores, categories we will use Firebase. As already mentioned in the project idea, the data comes from <https://www.data.gv.at/auftritte/?organisation=stadt-linz> and gets imported to the database.
- The user authentication will also be realized by using Firebase.
- For cross-development we will use Xamarin.
- Sharing highscore or quiz-results via Facebook-API.