

## **Master project specification**

### **Basic idea:**

To explore a theory of social networks in combination with Google maps and implement the experimental application.

### **More specifically:**

The aim of the thesis is to explore the possibilities and the capabilities of social networks (e.g. Facebook) in combination with Google mashup-s. Describe the possible advantages eventually disadvantages arising from their mutual usage. Try to predict their future development.

Part of the thesis is also a programming of an experimental Facebook application integrated with Google maps. The application will be related to non-trivial estate search engine. Emphasis has to be made on simplicity and user amiability. The precise specification and data scheme will be provided later.

The application should provide the interface for the existing FloorPAD (Floor Plan Advanced Designer) software.

### **Prerequisites:**

- Knowledge of Flex, back-end technologies like PHP, Asp.NET
- Adequate skills in programming - clearness of the code, object-oriented approach, design patterns, application architecture, web services
- Willing to learn and explore new things - Facebook API, Google maps API for Flash

### **Rough planning:**

Analysis: January - February

Implementing: February - May

Writing text: June - July

### **Contact:**

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