



## ASSIGNMENT OF MASTER'S THESIS

**Title:** Mobile application and API server to store points of interest  
**Student:** Ing. Timur Tatarshaov  
**Supervisor:** Ing. Josef Gattermayer  
**Study Programme:** Informatics  
**Study Branch:** Web and Software Engineering  
**Department:** Department of Software Engineering  
**Validity:** until the end of winter semester 2016/17

### Instructions

The aim of the thesis is to develop a mobile application that will store points of interests to a server backend. Single points of interests will be shared among users.

- Perform analysis of requirements.
- Design an API for the application.
- Make an analysis of server technologies for the API server.
- Implement the API server.
- Make wireframes of the application.
- Implement the application.
- Test the server and the application using both human and automated tests.

### References

Will be provided by the supervisor.

L.S.

Ing. Michal Valenta, Ph.D.  
Head of the department

prof. Ing. Pavel Tvrdík, CSc.  
Dean

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