

## **Abstract**

The bachelor thesis deals with the design of a methodical process of creating a web interactive building plan using Open-Source technologies. The introductory part deals with the explanation of the plan definition and the presentation methods. In the next chapter, the technologies that were used for this work are brought together.

The methodical part is a brief general procedure aimed at creating an interactive web map application. In the practical part, based on the acquired knowledge about Open-Source technologies, the procedure of creating a web interactive building plan of the building of the Faculty of Science, Charles University in Prague, Albertov 6 is determined and elaborated.

The output is an on-line map available at the web address *www.albertov.g6.cz*, where you can view individual floors of the building.

**Keywords:** Open-Source, QGIS, qgis2web, Leaflets