

The object of this work is to design and implement an application for managing a smaller surveillance system. There are analyzed several ways of it's possible arrangement. After then an appropriate application's architecture is designed based on discovered facts. Implemented system is introduced from user's point of view and also in a more technical sense.

There is also a research of algorithms for real-time detection of moving objects within static scenes. Introduced ones are implemented, measured for their efficiency and compared with each other.