

ABSTRACT

The structure and scope of the work. The explanatory note of the diploma project consists of five sections, containing 61 pages, 12 figures, 16 tables, 1 appendix, 13 sources.

The degree project is dedicated to the development of web application of supporting evacuation service on the roads. The system is used for building way from place where car brokes to destination place.

In the thesis project examined: VRP trouble, ACO algorytm.

The section of information provisioning describes the input and output data of the system, as well as the database structure.

Section of mathematical provisioning dedicated to a software content and mathematical formulation of the problem. Describes the ACO algorytm and chosen are exactly this type of solution to the problem.

Software development tools section describes requirements to the architecture of the hardware and software in the form of UML diagrams.

Technology section provides a guide and circuit testing software.

ACO, WAY, ROAD, VEHICLE, VRP PROBLEM, KNOWLEDGE BASE.