6 Nonfunctional Requirements

6.1 Routing

- /NF010/
  Performance: compute the shortest route in less than one second.

- /NF020/
  Performance: GUI reacts to the user-input in less than one second.

- /NF030/
  Reliability: when searched for the destination via user input, error rate is < 10 %.

- /NF040/
  Flexibility: the using of the Java-technology ensures the runnability of the product on all common operating systems.

- /NF050/
  Flexibility: The user interface is exchangeable.

- /NF060/
  Usability: a high user-friendliness is achieved through a simple and intuitive understandable, graphical user Interface.

- /NF070/
  Usability: All menus must have a consistent format.

- /NF080/
  Maintainability: maintainability and expandability of the software should be possible without a high costs.

- /NF090/
  Stability: Arbitrary keypress doesn't lead to the system crash.

- /NF100/
  Stability: There can be no unhandled exceptions from incorrect user input.

6.2 Administration tool

- /NF110/   PDF?
  Flexibility: PNG and JPEG image files can be submitted for use as a map. To product data.

- /NF120/
  Flexibility: The user interface is exchangeable. what do you mean?

- /NF130/
  Reliability: software crash doesn't cause losing the saved dates.

- /NF140/
  Maintainability: maintainability and expandability of the software should be possible without a high costs.

- /NF150/
  Usability: 90 % of novice users can learn to operate major use cases without outside assistance

- /NF160/
  Usability: The product shall use symbols and words that are naturally understandable by the user community.