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DEcision Support System regarding the risk of Epidemic threats on a sea- going Vessel

The project focuses on issues related to outbreaks of infectious diseases on a seagoing vessels.

COVID-19 outbreak has shown that in many areas there are no mechanisms to deal with disease emergencies. The pandemic showed that very often existing procedures are not adapted to the reality around us.

The main aim of the project is to design and develop a decision support system for maritime management staff and to provide guidance in the case of an outbreak.



Knowledge base of DESSEV

A database with 19 infectious diseases, defined by 35 symptoms and signs. The prediction algorithm consists of 3 decision models: decision trees, random forest and naive bayes.

<https://dessevproject.eu/knowledge-base>



Repository

Online repository of materials and articles on the epidemiological outbreaks. All of them available in the project website.



<https://dessevproject.eu/repository>



Decision support application

Decision support App for the prediction of possible diseases is now available!

Available in web and mobile version, you can try it now for free!!!



<https://dessevproject.eu/app>



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