AMOS WS21 Project 6 Explainable Similarity Detector

Project name	Explainable Similarity Detector
Project mission	The mission of this project is to utilize the machine learning algorithm given by Siemens to find functionally similar electronic components. This is supposed to be given based on one or more Component and with the help of filters. However, functionalities that cannot be completed by the end of the project should be prepared for later implementation (as Mock-Up).
Industry partner	Siemens
Team logo	
Project summary	In this project, in cooperation with our industrial partner Siemens, we worked on a program for finding functionally similar and thus interchangeable components. Finding these similarities should be based on a machine learning model that although did not work as initially expected. However, all necessary interfaces are already implemented for later implementation. The program offers various comfort functions such as the easy creation of filters and the ability to directly compare component properties.
Project illustration	Project requirements can change quickly But finding a suitable replacement can be a hassie And dozens of documents have to be compared



