

Explainable Similarity Detector

What was the overall Vision of our Project?

The Explainable Similarity Detector should give all developers who work with electronic components a **noticeable simplification in everyday work**. Through the use of machine learning and an easily understandable surface, the time-consuming search for suitable components should be faster, more convenient and clearer.

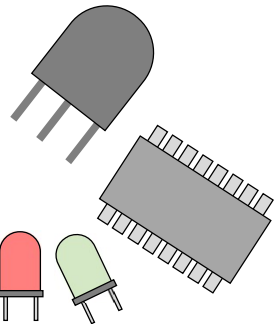
How do I benefit from this?

- no more tedious searching for documentation
- no more extensive comparisons of properties
- opportunity to give direct feedback
- possibility to specify similar components
- possibility to specify completely new components



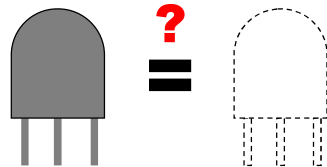
AMOS-Group 6

Why is this important?



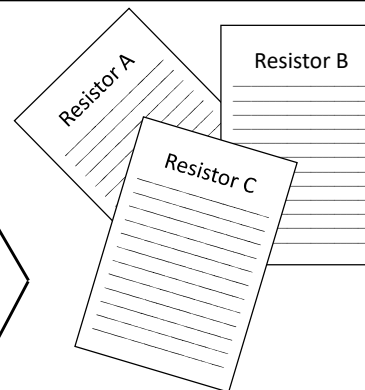
Sometimes components in a project need to be replaced because they are:

- At the End of service
- Don't meet the demand
- etc



But finding a suitable replacement can be a hassle

Sometimes it is not clear whether two components are similar

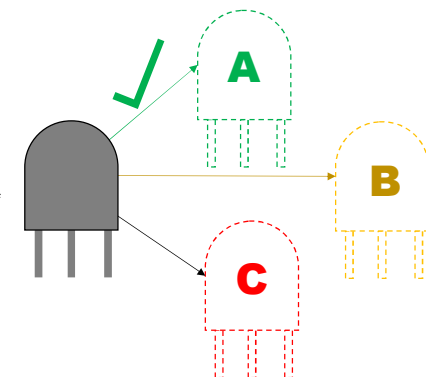


And dozens of documents have to be compared...

a time-consuming task...

time we don't have

So we automated it!



With an easy-to-use program to always find the best fitting parts