

authority more credibility, the authority can be verified by other authorities.

### **3.5 Trust Trees**

The trust tree is a graph of authorities that trust each other. An algorithm will be provided to calculate the trust tree and its score. The score can be used to determine the credibility of an authority. The REST API will also offer an endpoint to check if a certain authority is part of the trust tree of another authority. If for example, an automated HR process wants to verify a certificate, it can check if the university that issued the certificate is trusted by the government.