

# Semantic Web: Application proposal

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**Abstract.** We will create a web interface that enables users to list and find data from a given field of interest. This data will be stored within a server that the interface communicates with.

One part of the project will be to find suitable data from public sources and store this in a format that can be understood by software such as Jena. We will configure this software in an appropriate way so that it is able to read the stored data and provide this to other systems.

In a second step we will create and design a small web application, that uses an API of the software from step one to fetch data from the server. It will be possible to conduct simple search operations in that application which in turn communicates with the server API in order to find matching data.