**Test scenarios**

This project will develop a tool and web micro-service to enable semi-automated annotation of a text to the definitions of terminology used. The definitions should in turn be sourced from a range of vocabularies (i.e. sources of terms), accessed through ‘standard’ APIs. A tool to detect words or phrases within a text that have definitions from two source vocabularies which allow the user to select which definition applies to the usage of the term in the context

A screenshot of a computer screen

Description generated with very high confidence

The figure above displays the outlook of the project in which it has a text box to enter a sentence or a technical word. Below is the option to select the list of the ontologies. By doing so the user can choose the definition from their required dependencies.

A screenshot of a cell phone

Description generated with very high confidence

From the above figure we could see that a medical word melanoma is entered in which we can see the word description along with the ontology. We have connected two external vocabularies to find definitions for given words/phrases.

A screenshot of a cell phone

Description generated with very high confidence

The API can be accessible using its URL, and we can give a search term for it by binding it at the end such as (“Host/annotator/search/: keyword”)

A screenshot of a social media post

Description generated with very high confidence

The API can show the connected external APIs as a Jason value, when you call the URL as (“Host/annotator/ontologylist”)

A screenshot of text

Description generated with very high confidence

When we type a phrase that has many words(<15),the code will stop execution. The connected external library doesn’t allow to send more than 15 search word request per minute. The word that we are trying to search from the API call, cannot exceed the character length of 50. In which it results to error stating below

A screenshot of a computer screen

Description generated with very high confidence

A screenshot of a cell phone

Description generated with very high confidence