A json file with annotations for 50 floor plan descriptions will be given. You need to extract connection information (like room type and link) and make a table from it.

For example

For sentences like

1. Livingroom is next to kitchen
2. Balcony, diningroom and livingroom are connected

Your table should be something like this

|  |  |
| --- | --- |
| Room type | Link |
| Livingroom | Kitchen |
| Balcony | Diningroom |
| Diningroom | Livingroom |
| Livingroom | Balcony |

Further, make a undirected graph using this with node for each room and edges depicting corresponding adjacencies.

\*Note: use can also make matrix representation of a graph

H E v U R O T A S K You will be given 50 more floor plan descriptions for testing your model.

Required technologies: NER, NLP libraries like Spacy